

Table 1
Great Western 26-31, 32, 51, 42 (Pad 5)
Soil Analytical Summary
January 15, 2020
Weld, Colorado

Sample Number	Sample Date	Sample Depth (in-bgs)	PID (ppm)	BTEX (mg/kg)				TPH (mg/kg)			Naphthalene (mg/kg)	Inorganics			Sample Location
				Benzene	Toluene	Ethylbenzene	Total Xylenes	GRO (C6-C10 Range)	DRO (C10-C28 Range)	TPH=GRO+DRO	Naphthalene	pH Units	EC mmhos/cm	SAR	
*COGCC Table 910-1 Concentration Levels				0.17	85	100	175	500	500	500	23	6-9	<4	<12	
SWN-3	1/3/2020	36	0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.46169159, -104.85495173
SWS-3	1/3/2020	36	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.46161247, -104.85496215
SWW-3	1/3/2020	36	0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.46166329, -104.85499811
SWE-3	1/3/2020	36	1.6	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	40.46166860, -104.85493374
Base-4	1/3/2020	48	0.4	ND	ND	ND	ND	ND	ND	ND	ND	7.70	0.116	2.02	40.46166457, -104.85496376

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

in-bgs - Inches below ground surface

mg/kg - Milligrams per kilogram

PID - Photo-ionization detector

ppm - Parts per million

BTEX - Benzene, toluene, ethylbenzene, total xylenes

TPH - Total petroleum hydrocarbons

GRO - Gasoline range organics

DRO - Diesel range organics

EC - Electrical Conductivity / Specific Conductance

SAR - Sodium Absorption Ratio

mmhos/cm - millimhos per centimeter

NA - Not Analyzed

ND - Not detected above laboratory reporting limit

Values in **BOLD** are greater than their respective COGCC 910-1 Concentration Levels