

Table 1
Dunham 41-5 Flowline Release and Tank Pull
Soil Analytical Summary
1/8/2020 - 1/9/2020
Weld County, 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	
NSW-5	1/8/2020	60	249	ND	ND	0.584	2.64	250	253	503	NA	NA	NA	NA	40.087378, -104.455063
ESW-4.5	1/8/2020	54	5.4	ND	ND	ND	ND	10.6	ND	10.6	NA	NA	NA	NA	40.08735169, -104.45501793
WSW-5	1/8/2020	60	232	0.122	ND	0.228	1.63	29.4	ND	29.4	NA	NA	NA	NA	40.08736488, -104.45508913
SSW-5	1/8/2020	60	3.9	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	40.08732829, -104.45505298
Base-7	1/8/2020	84	16.9	ND	ND	ND	ND	ND	ND	ND	ND	7.76	0.155	4.49	40.08735761, -104.45505575
NSW-5S	1/9/2020	60	15.5	ND	ND	ND	ND	6.14	ND	6.14	NA	NA	NA	NA	40.08738348, -104.45506421

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

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