

Table 1
Grein #1 Tank Pull
Soil Analytical Summary
March 20, 2019 and May 29-30, 2019
Adams County, Colorado

Sample/Boring Name	Sample Number	Sample Date	Sample Depth (in-bgs)	PID (ppm)	BTEX (mg/kg)				TPH (mg/kg)			Inorganics			Sample Location
					Benzene	Toluene	Ethylbenzene	Total Xylenes	GRO (C6-C10 Range)	DRO (C10-C28 Range)	TPH=GRO+DRO	pH Units	EC mmhos/cm	SAR	
*COGCC Table 910-1 Concentration Levels					0.17	85	100	175	500	500	500	6-9	<4	<12	
Base	Base @ 5.0'	3/20/2019	60	3380	**<0.498	<0.498	17.3	132	8,320	1,550	9,870	NA	NA	NA	39.992402, -104.887355
South Side Wall	South Wall @ 4.0'	3/20/2019	48	3570	**<0.498	<0.498	21.8	194	9,600	1,790	11,390	NA	NA	NA	39.992349, -104.887361
North Side Wall	North Wall @ 4.0'	3/20/2019	48	21.7	ND	ND	ND	ND	ND	ND	ND	8.32	0.0507	8.18	39.992373, -104.887331
Test Pit 1	Test Pit 1 @ 8.0'	3/20/2019	96	0.0	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	39.996789, -104.792515
Test Pit 2	Test Pit 2 @ 6.0'	3/20/2019	72	1371	NA	NA	NA	NA	981	379	1,360	NA	NA	NA	39.996718, -104.792626
Test Pit 3	Test Pit 3 @ 8.0'	3/20/2019	96	0.0	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	39.996783, -104.792665
Test Pit 4	Test Pit 4 @ 8.0'	3/20/2019	96	2.7	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	39.996713, -104.792757
Test Pit 5	Test Pit 5 @ 8.0'	3/20/2019	96	0.7	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	39.996723, -104.792872
SB-1 / MW-1	SB1-06	5/29/2019	72	2565	NA	NA	NA	NA	1,060	570	1,630	NA	NA	NA	39.996673, -104.792547
SB-2	SB2-06	5/29/2019	72	1980	NA	NA	NA	NA	212	190	402	NA	NA	NA	39.996733, -104.792558
SB-3 / MW-2	SB3-08	5/29/2019	96	38.9	NA	NA	NA	NA	0.220	ND	0.220	NA	NA	NA	39.996617, -104.792462
SB-4	SB4-08	5/29/2019	96	0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	39.996629, -104.792619
SB-5	SB5-06	5/29/2019	72	0.0	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	39.996713, -104.792728
SB-6 / MW-3	SB6-06	5/29/2019	72	0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	39.996744, -104.792768
SB-7 / MW-4	SB7-06	5/29/2019	72	3.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	39.996783, -104.792558
SB-8	SB8-06	5/30/2019	72	800	NA	NA	NA	NA	68.3	76.9	145.2	NA	NA	NA	39.996726, -104.792612
SB-9	SB9-06	5/30/2019	72	30.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	39.996721, -104.79250
SB-10	SB10-06	5/30/2019	72	313	NA	NA	NA	NA	13.1	ND	13.1	NA	NA	NA	39.996718, -104.792643
SB-11	SB11-06	5/30/2019	72	2750	NA	NA	NA	NA	0.290	ND	0.290	NA	NA	NA	39.996702, -104.792635
SB-12	SB12-05	5/30/2019	60	1730	NA	NA	NA	NA	140	168	308	NA	NA	NA	39.996658, -104.792613
SB-13	SB13-06	5/30/2019	72	1900	NA	NA	NA	NA	1,510	1,150	2,660	NA	NA	NA	39.996640, -104.792660
SB-14	SB14-09	5/30/2019	108	510	NA	NA	NA	NA	1.41	ND	1.41	NA	NA	NA	39.996647, -104.792740
SB-15	SB15-08	5/30/2019	96	10.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	39.996619, -104.792664
SB-16	SB16-07	5/30/2019	84	16.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	39.996650, -104.792521
SB-17	SB17-08	5/30/2019	96	3.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	39.996754, -104.792682

*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

**<0.498 - Laboratory detection limit greater than Table 910 standard