

Table 1
Carlson 33-18 Tank Pull
Soil Analytical Summary
December 11, 2018
Mead, Weld County, Colorado

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	
CARLSONBASE@4.0	12/11/2018	48	24.0	<0.002	<0.002	<0.002	<0.002	<0.200	<50	<50	NA	NA	NA	40.48704683, -104.82038326
CARLSONSWNORTH@4.0	12/11/2018	48	0.5	<0.002	<0.002	<0.002	<0.002	<0.200	<50	<50	NA	NA	NA	40.48703979, -104.82036730
CARLSONSWEAST@4.0	12/11/2018	48	40.0	<0.002	<0.002	<0.002	<0.002	<0.200	<50	<50	NA	NA	NA	40.48703384, -104.82037887
CARLSONSWSOUTH@4.0	12/11/2018	48	40.0	<0.002	0.002	<0.002	<0.002	<0.200	<50	<50	NA	NA	NA	40.48704173, -104.82040336
CARLSONSWWEST@4.0	12/11/2018	48	41.9	<0.002	0.007	0.004	0.041	0.900	<50	0.900	NA	NA	NA	40.48705473, -104.82039975
CARLSONSWSOUTH@4.0	1/3/2019	48	41.9	NA	NA	NA	NA	NA	NA	NA	8.49	0.0702	0.680	40.48704173, -104.82040336

*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