

Table 1
Rio LC 12-368HC Oil Base Mud Spill 7/25/19
Confirmation Soil Sampling Analytical Summary
September 13, 2019
Adams County, Colorado

Sample Number	Sample Date	Sample Depth (in-bgs)	PID (ppm)	BTEX (mg/kg)				TPH (mg/kg)			Sample Location
				Benzene	Toluene	Ethylbenzene	Total Xylenes	GRO (C6-C10 Range)	DRO (C10-C28 Range)	TPH=GRO+DRO	
*COGCC Table 910-1 Concentration Levels				0.17	85	100	175	500	500	500	
NWNorth	9/13/2019	3	1.8	ND	ND	ND	ND	ND	ND	ND	39.99979394, -104.94017207
NWEast	9/13/2019	3	17.3	ND	ND	ND	ND	ND	ND	ND	39.99976842, -104.94015006
NWWest	9/13/2019	3	19.7	ND	ND	ND	ND	ND	ND	ND	39.99976443, -104.94021896
NWSouth	9/13/2019	3	2.4	ND	ND	ND	ND	ND	ND	ND	39.99973330, -104.94017370
NWCenter	9/13/2019	3	6.1	ND	ND	ND	ND	ND	ND	ND	39.99976488, -104.94017227

*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

ND - Not detected above laboratory reporting limit