

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
HOFFMAN #5
CHEYENNE COUNTY, COLORADO
PO&G OPERATING, LLC

COGCC Allowable Concentration (Soil) -->				Organics (mg/kg)						4	(6-9)
				500		0.17	85	100	175		
Sample ID:	Sample Date:	Sample Depth (inches bgs):	Photoionization Detector Reading (ppm):	TPH-GRO (C6-C10) Low Fraction	TPH-DRO (C10-C28) High Fraction	Benzene	Toluene	Ethylbenzene	Xylenes - total	EC (<4 mmhos/cm or 2x background)	pH (unit)
SS01@6-12"	4/4/2019	6-12"	5.1	<50.0	<50.0	<0.050	<0.050	<0.050	<0.050	0.0671	8.19
SS02@6-12"	4/4/2019	6-12"	3.9	<50.0	<50.0	<0.050	<0.050	<0.050	<0.050	0.118	8.90
SS03@6-12"	4/4/2019	6-12"	7.6	<50.0	711	<0.050	<0.050	<0.050	<0.050	0.0700	8.60
SS04@6-12"	4/4/2019	6-12"	22.9	<50.0	65.2	<0.050	<0.050	<0.050	<0.050	0.0774	8.51

Notes: mg/kg - milligrams per kilogram

COGCC - Colorado Oil and Gas Conservation Commission

bgs - below ground surface

ppm - parts per million

TPH - total petroleum hydrocarbons

GRO - gasoline range organics

DRO - diesel range organics

mmhos/cm - millimhos per centimeter

Bold - exceeds COGCC Table 910-1 allowable level

