

Schenk #1  
Soil Sample Results Summary Table - PAH's  
PO&G Operating, LLC  
SCHENK 6 T13S R44W Sec 5 NWSW  
API # 05-017-07412

Sample Location	Date	1-Methyl-naphthalene (mg/kg)	2-Methyl-naphthalene (mg/kg)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo(a)-anthracene (mg/kg)	Benzo(a)-pyrene (mg/kg)	Benzo(b)-fluoranthene (mg/kg)	Benzo(k)-fluoranthene (mg/kg)	Chrysene (mg/kg)	Dibenzo(a,h)-anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Ideno(1,2,3-cd)-pyrene (mg/kg)	Naphthalene (mg/kg)	Pyrene (mg/kg)
ECMC (COGCC) Standards for Soil (mg/kg) <sup>(1)</sup>		0.006	0.19	0.55	5.81	0.11	0.24	0.3	0.29	9	0.096	8.9	0.54	0.98	0.0038	1.3
ECMC (COGCC) Standards for Soil (mg/kg) <sup>(2)</sup>		18	24	360	1800	1.1	0.11	1.1	11	110	0.11	240	240	1.1	2	180
<b>Wellhead Soil Samples Schenk #1</b>																
WH-SS-E@3'	9/19/2023	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067
WH-SS-N@3'	9/19/2023	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067
WH-SS-S@3'	9/19/2023	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067
WH-SS-W@3'	9/19/2023	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067
WH-SS-N@8'	9/19/2023	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067
WH-SS-S@8'	9/19/2023	0.026	0.011	0.055	<.00067	<.00067	<.00067	<.00067	<.00067	0.033	<.00067	<.00067	0.039	<.00067	<.00067	0.023
WH-SS-E@8'	9/19/2023	0.01	0.009	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067
WH-SS-W@8'	9/19/2023	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067
<b>Flowline Soil Samples Schenk #1</b>																
FL-WH-SS@2'	9/19/2023	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067
FL-WH-SS@4'	9/19/2023	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067
FL-PV-SS@2'	9/19/2023	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067
FL-PV-SS@4'	9/19/2023	0.002	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067
<b>Background Soil Samples Schenk #1</b>																
Background @2'	9/19/2023	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067
Background @4'	9/19/2023	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067	<.00067

**Notes:**

(1) ECMC (COGCC) Table 915-1-Protection of Groundwater Soil Screening Level Concentrations, effective January 15, 2021

(2) ECMC (COGCC) Table 915-1: Residential Soil Screening Level Concentrations, effective January 15, 2021

COGCC = Colorado Oil and Gas Conservation Commission - Now recognized as Colorado Energy and Carbon Management Commission

< = Analytical result is less than the laboratory reporting limit

mg/kg = milligrams per kilogram

Values presented in **BOLD** contained concentrations exceeding COGCC Table 915-1 Cleanup Concentrations

PAH = Polycyclic Aromatic Hydrocarbons

