

Table 1  
Summit Midstream  
PN20 Soil Sample Summary

LABORATORY DATA SUMMARY															
Sample ID	#1 BG	#2 Southwest Wall 8'	#3 Northwest Wall 8'	#4 Southeast Wall 8'	#5 Northeast Wall 8'	#6 Center Floor 8.5'	SB01@10	SB02@10	SB02@15	SB02@20	SB03@10	COGCC TABLE 915-1 CONCENTRATION LEVELS		UNITS	
Depth	6'	8'	8'	8'	8'	8.5'	10'	10'	15'	20'	10'				
Report Number	4526	4526	4526	4526	4526	4526	L1656233	L1656233	L1656233	L1656233	L1656233				
Sample Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab				
Sample Description	Background	Confirmation	Confirmation	Confirmation	Confirmation	Confirmation	Confirmation	Confirmation	Confirmation	Confirmation	Confirmation				
Sample Date	8/3/2021	8/3/2021	8/3/2021	8/3/2021	8/3/2021	8/3/2021	9/14/2023	9/14/2023	9/14/2023	9/14/2023	9/14/2023				
Analytical Parameters												Residential Soil Screening Level	Protection of Groundwater Screening Level		
TPH														500	mg/kg
TPH Gasoline Range Organics	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	NT	NT	NT	NT	NT				
TPH Diesel Range Organics	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	NT	NT	NT	NT	NT				
TPH Oil Range Organics	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	NT	NT	NT	NT	NT				
TOTAL TPH	<150.0	<150.0	<150.0	<150.0	<150.0	<150.0	NT	NT	NT	NT	NT				
BTEX															
Benzene	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	NT	NT	NT	NT	NT	1.2	0.0026	mg/kg	
Toluene	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	NT	NT	NT	NT	NT	490	0.69	mg/kg	
Ethylbenzene	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	NT	NT	NT	NT	NT	5.8	0.78	mg/kg	
Total Xylenes	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	NT	NT	NT	NT	NT	58	9.9	mg/kg	
TMB															
1,2,4-Trimethylbenzene	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	NT	NT	NT	NT	NT	30	0.0081	mg/kg	
1,3,5-Trimethylbenzene	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	NT	NT	NT	NT	NT	27	0.0087	mg/kg	
Metals															
Arsenic	9.6	7.8	7.0	7.7	6.7	7.7	NT	NT	NT	NT	NT	0.68	0.29	mg/kg	
Barium	19.9	29.0	90.6	30.8	90.4	31.0	NT	NT	NT	NT	NT	15,000	82	mg/kg	
Cadmium	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	NT	NT	NT	NT	71	0.38	mg/kg	
Chromium (Hexavalent)	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	NT	NT	NT	NT	NT	0.3	0.00067	mg/kg	
Copper	<1.0	<1.0	<1.0	<1.0	1.29	<1.0	NT	NT	NT	NT	NT	3,100	46	mg/kg	
Lead	<1.0	<1.0	<1.0	<1.0	1.5	3.84	NT	NT	NT	NT	NT	400	14	mg/kg	
Nickel	<1.0	<1.0	1.13	<1.0	1.65	<1.0	NT	NT	NT	NT	NT	1,500	26	mg/kg	
Selenium	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	NT	NT	NT	NT	390	0.26	mg/kg	
Silver	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	NT	NT	NT	NT	390	0.8	mg/kg	
Zinc	<1.0	<1.0	1.72	<1.0	1.79	<1.0	NT	NT	NT	NT	NT	23,000	370	mg/kg	
SAR Metals Analysis															
Sodium Adsorption Ratio	3.11	8.14	1.35	5.61	15.1	12.4	6.62	1.01	2.11	3.48	1.30	<6		ratio	
Polynuclear Aromatic Hydrocarbons															
Acenaphthene	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	NT	NT	NT	NT	NT	360	0.55	mg/kg	
Anthracene	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	NT	NT	NT	NT	NT	1,800	5.8	mg/kg	
Benzo(a)anthracene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	NT	NT	NT	NT	1.1	0.011	mg/kg	
Benzo(a)pyrene	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	NT	NT	NT	NT	NT	0.11	0.24	mg/kg	
Benzo(b)fluoranthene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	NT	NT	NT	NT	1.1	0.3	mg/kg	
Benzo(k)fluoranthene	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	NT	NT	NT	NT	NT	11	2.9	mg/kg	
Chrysene	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	NT	NT	NT	NT	NT	110	9	mg/kg	
Dibenzo(a,h)anthracene	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	NT	NT	NT	NT	NT	0.11	0.096	mg/kg	
Fluoranthene	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	NT	NT	NT	NT	NT	240	8.9	mg/kg	
Fluorene	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	NT	NT	NT	NT	NT	240	0.54	mg/kg	
Indeno(1,2,3-cd)pyrene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	NT	NT	NT	NT	1.1	0.98	mg/kg	
1-Methylnaphthalene	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	NT	NT	NT	NT	NT	18	0.006	mg/kg	
2-Methylnaphthalene	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	NT	NT	NT	NT	NT	24	0.019	mg/kg	
Naphthalene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	NT	NT	NT	NT	2	0.0038	mg/kg	
Pyrene	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	NT	NT	NT	NT	NT	180	1.3	mg/kg	
General Chemistry															
Boron	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	NT	NT	NT	NT	NT	2		mg/L	
Specific Conductivity	1.00	2.64	1.37	0.896	4.14	2.98	0.959	0.250	0.335	0.418	0.372	<4		mmhos/cm	
pH	7.9	8.1	7.9	8.4	8.1	8.3	NT	NT	NT	NT	NT	6-8.3		su	

mg/kg - milligrams per kilogram  
mg/L - milligrams per liter  
J - indicates an estimated value  
mmhos/cm - millimhos per centimeter  
mv - millivolts  
su - standard units  
NA - not applicable  
NT - parameter was not tested  
ND - not detected above method detection limit  
T8 - Samples received past/too close to holding time expiration  
V - The sample volume is too high to evaluate accurate spike recoveries

Over COGCC Table 915-1 concentration levels but under BACKGROUND level.  
Over COGCC Table 915-1 concentration levels and not within BACKGROUND level.  
Over COGCC Table 915-1 concentration levels