

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

Sample Location	Date	Depth (Ft BG)	pH	SAR	EC (mmhos/cm)	Boron (mg/L)
ECMC (COGCC) standards for soil (mg/kg) (1)			6 - 8.3	<6	<4	2
Wellhead Soil Samples						
WH-SS-S@3'	9/19/2023	3 ft	8.14	14.7	4.29	0.894
WH-SS-S1@3'	4/24/2024	3 ft	8.14	0.909	0.366	0.894
WH-SS-N@3'	9/19/2023	3 ft	8.37	16.8	3.3	0.851
WH-SS-N1@6'	4/24/2024	3 ft	7.94	0.583	3.3	0.851
WH-SS-E@3'	9/19/2023	3 ft	8.25	6.86	2.31	0.435
WH-SS-E1@3	4/24/2024	3 ft	8.25	.781	2.31	0.435
WH-SS-W@3'	9/19/2023	3 ft	8.38	3.79	0.805	0.252
WH-SS-W1@3'	4/24/2024	3 ft	7.88	3.79	0.805	0.252
WH-SS-S@8'	9/19/2023	8 ft	8.18	5.1	4.51	0.313
WH-SS-S1@10'	4/24/2024	10 ft	8.18	0.983	0.373	0.313
WH-SS-N@8'	9/19/2023	8 ft	8.28	1.83	0.747	0.21
WH-SS-E@8'	9/19/2023	8 ft	8.26	7.36	1.69	0.676
WH-SS-E1@10'	4/24/2024	10 ft	8.26	.590	1.69	0.676
WH-SS-W@8'	9/19/2023	8 ft	8.38	11.9	1.31	0.37
WH-SS-W1@10'	4/24/2024	10 ft	8.38	1.08	1.31	0.37
Flow Line Soil Samples						
FL-WH-SS@2'	9/19/2023	2 ft	8.52	5.04	0.423	0.106
FL-WH1-SS-N1@2'	4/24/2024	2 ft	7.92	0.915	0.349	0.106
FL-WH1-SS-W@2'	4/24/2024	2 ft	8.05	5.04	0.261	0.106
FL-WH-SS@4'	9/19/2023	4 ft	8.7	9.53	1.34	0.251
FL-WH-SS-N1@6'	4/24/2024	6 ft	7.94	0.583	1.34	0.251
FL-WH1-SS-W@6'	4/24/2024	6 ft	7.97	0.994	.313	0.251
FL-PU-SS@2'	9/19/2023	2 ft	7.91	9.13	2.56	0.606
FL-PU-SS N@2'	4/24/2024	2 ft	7.91	1.13	2.56	0.606
FL-PU-SS-E@2'	4/24/2024	2 ft	7.91	0.889	2.56	0.606
FL-PU-SS-W@2'	4/24/2024	2 ft	7.91	0.932	2.56	0.606
FL-PU-SS-S@2'	4/24/2024	2 ft	7.91	0.645	2.56	0.606
FL-PU-SS@4'	9/19/2023	4 ft	7.98	11.1	3.63	1.42
FL-PU-SS@6'	4/24/2024	6 ft	7.98	0.896	3.63	1.42
FL-PU-SS-N@6'	4/24/2024	6 ft	7.98	0.771	3.63	1.42
FL-PU-SS-E@6'	4/24/2024	6 ft	7.98	1.02	3.63	1.42
FL-PU-SS-W@6'	4/24/2024	6 ft	7.98	0.985	3.63	1.42
FL-PU-SS-S@6'	4/24/2024	6 ft	7.98	0.552	3.63	1.42
Background Soil Samples						
Background @2'	9/19/2023	2 ft	8.01	0.0587	0.279	0.385
Background @4'	9/19/2023	4 ft	8.26	1.52	0.306	0.232

Notes:

(1) Standards for soil are taken from ECMC (COGCC) Table 915-1, effective January 15, 2021

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

*Please note: FL-SS-WH@3' is the same location as WH-SS-NW@3' The northern (well head) end of the flow line was noted in the table for ease of recognition

Ft BG = Feet below Grade

mg/L = Milligrams per liter

mmhos/cm = Millimhos per centimeter

SAR = Sodium Absorption Ratio

EC = Electrical Conductivity

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



Rival Services, LLC

14400 US Highway 34

Fort Morgan, CO 80701

970.867.9437 office

970.867.9137 fax