

TABLE 1
Soil Sample and Field Screening Information
Razor 26 SWD Gathering Line 2024 Release. Weld County, CO

Sample Information				
Sample ID	Depth	Sample Date	Latitude	Longitude
Units -->	ft-bgs	mm/dd/yyyy	Decimal Degree (NAD83)	
SS01@2.5	2.5	4/16/2024	40.804567	-103.811830
SS02@2.5	2.5	4/16/2024	40.804486	-103.811834
SS02@5	5	4/16/2024	40.804485	-103.811832
SS03@2.5	2.5	4/16/2024	40.804409	-103.811842
SS03@5	5	4/16/2024	40.804410	-103.811842
SS04@2	2	4/16/2024	40.804589	-103.811827
SS04A@2	2	4/16/2024	40.804591	-103.811826
SS05@2	2	4/16/2024	40.804549	-103.811769
SS06@2	2	4/16/2024	40.804477	-103.811774
SS07@2	2	4/16/2024	40.804406	-103.811778
SS08@2	2	4/16/2024	40.804369	-103.811844
SS09@2	2	4/16/2024	40.804408	-103.811908
SS10@2	2	4/16/2024	40.804479	-103.811907
SS11@2	2	4/16/2024	40.804555	-103.811905
SS12@6	6	4/16/2024	40.804580	-103.811829
SS13@9	9	6/6/2024	40.804577	-103.811825
SS14@4.5	4.5	6/6/2024	40.804592	-103.811832
SS15@3	3	6/6/2024	40.804589	-103.811893
SS16@4	4	6/6/2024	40.804547	-103.811924
SS17@4	4	6/6/2024	40.804472	-103.811907
SS18@4	4	6/6/2024	40.804591	-103.811782
SS19@4	4	6/6/2024	40.804541	-103.811766
SS20@3	6	6/6/2024	40.804458	-103.811769
SS21@6	6	6/6/2024	40.804423	-103.811847
SS22@6	6	6/6/2024	40.804530	-103.811840
SS21@6.5	6.5	7/18/2024	40.804423	-103.811847
SS23@11	11	7/18/2024	40.804583	-103.811825
SS24@6	6	7/18/2024	40.804549	-103.811889
SS25@6	6	7/18/2024	40.804484	-103.811834
SS23@11.5	11.5	8/2/2024	40.804583	-103.811825
SS24@6.5	6.5	8/2/2024	40.804549	-103.811889
SS25@6.5	6.5	8/2/2024	40.804484	-103.811834
SS26@4.5	4.5	8/2/2024	40.804593	-103.811829
BKG01@2	2	4/16/2024	40.804722	-103.810970
BKG01@5	5	4/16/2024	40.804722	-103.810970
BKG02@2	2	4/16/2024	40.804506	-103.810959
BKG02@5	5	4/16/2024	40.804506	-103.810959

Notes:

ft-bgs - feet below ground surface

SS - Soil Sample

BKG - Background Sample

TABLE 2
Soil Analytical Results Summary Table - Organics
Razor 26 SWD Gathering Line 2024 Release, Weld County, CO

Sample Information			BTEXN + TMBs							TPH			
Sample ID	Depth	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Naphthalene	1,2,4-TMB	1,3,5-TMB	GRO	DRO	ORO	TPH
Units -->	ft-bgs	mm/dd/yyyy	mg/kg							mg/kg			
ECMC RSSL -->			1.2	490	5.8	58	2	30	27	500	500	500	500
ECMC GWSSL -->			0.0026	0.69	0.78	9.9	0.0038	0.0081	0.0087	500	500	500	500
SS01@2.5	2.5	4/16/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.0050	<0.0050	<0.50	<50	<50	<100.5
SS02@2.5	2.5	4/16/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.0050	<0.0050	<0.50	<50	<50	<100.5
SS03@2.5	2.5	4/16/2024	0.0080	0.0053	<0.0050	<0.010	<0.0038	<0.0050	<0.0050	<0.50	<50	<50	<100.5
SS03@5	5	4/16/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.0050	<0.0050				
SS04@2	2	4/16/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.0050	<0.0050	<0.50	<50	<50	<100.5
SS04A@2	2	4/16/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.0050	<0.0050				
SS06@2	2	4/16/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.0050	<0.0050				
SS08@2	2	4/16/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.0050	<0.0050				
SS09@2	2	4/16/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.0050	<0.0050				
SS11@2	2	4/16/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.0050	<0.0050				
SS12@6	6	4/16/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.0050	<0.0050	<0.50	<50	<50	<100.5
SS13@9	9	6/6/2024	<0.0020	<0.0050	<0.0050	<0.010							
SS14@4.5	4.5	6/6/2024	<0.0020	<0.0050	<0.0050	<0.010							
SS15@3	3	6/6/2024	<0.0020	<0.0050	<0.0050	<0.010							
SS16@4	4	6/6/2024	<0.0020	<0.0050	<0.0050	<0.010							
SS17@4	4	6/6/2024	<0.0020	<0.0050	<0.0050	<0.010							
SS18@4	4	6/6/2024	<0.0020	<0.0050	<0.0050	<0.010							
SS19@4	4	6/6/2024	<0.0020	<0.0050	<0.0050	<0.010							
SS20@3	6	6/6/2024	<0.0020	<0.0050	<0.0050	<0.010							
SS21@6	6	6/6/2024	<0.0020	<0.0050	<0.0050	<0.010							
SS21@6.5	6.5	7/18/2024	<0.0020	<0.0050	<0.0050	<0.010							
SS22@6	6	6/6/2024	<0.0020	<0.0050	<0.0050	<0.010							
SS23@11	11	7/18/2024	<0.0020	<0.0050	<0.0050	<0.010							
SS23@11.5	11.5	8/2/2024	<0.0020	<0.0050	<0.0050	<0.010							
SS24@6	6	7/18/2024	<0.0020	<0.0050	<0.0050	<0.010							
SS24@6.5	6.5	8/2/2024	<0.0020	<0.0050	<0.0050	<0.010							
SS25@6	6	7/18/2024	<0.0020	<0.0050	<0.0050	<0.010							
SS25@6.5	6.5	8/2/2024	<0.0020	<0.0050	<0.0050	<0.010							
SS26@4.5	4.5	8/2/2024	<0.0020	<0.0050	<0.0050	<0.010							

Notes:

ft-bgs - feet below ground surface
mg/kg - milligrams per kilogram
TMB - Trimethylbenzene
GRO - Gasoline Range Organics
DRO - Diesel Range Organics
ORO - Oil Range Organics
TPH - Total Petroleum Hydrocarbons

ECMC - Energy and Carbon Management Commission
BTEXN - Benzene, Toluene, Ethylbenzene, Xylenes, Naphthalene
RSSL - Residential Soil Screening Level
GWSSL - Groundwater Soil Screening Level
< - indicates result is below the laboratory reporting limit
Not analyzed
Blue - Above ECMC Table 915-1 GWSSL

Sample Removed by Excavation
Final Extent Confirmation Sample

TABLE 3
Soil Analytical Results Summary Table - PAHs
Razor 26 SWD Gathering Line 2024 Release. Weld County, CO

Sample Information			PAHs													
Sample ID	Depth	Sample Date	Acenaphthene	Anthracene	Benz(a)-anthracene	Benzo(b)-fluoranthene	Benzo(k)-fluoranthene	Benzo(a)-pyrene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd) pyrene	1-methylnaphthalene	2-methylnaphthalene	Pyrene
Units -->	ft-bgs	mm/dd/yyyy	mg/kg													
ECMC RSSL -->			360	1800	1.1	1.1	11	0.11	110	0.11	240	240	1.1	18	24	180
ECMC GWSSL -->			0.55	5.8	0.011	0.3	2.9	0.24	9	0.096	8.9	0.54	0.98	0.006	0.019	1.3
SS01@2.5	2.5	4/16/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SS02@2.5	2.5	4/16/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SS02@5	5	4/16/2024										<0.00500		<0.00500		
SS03@2.5	2.5	4/16/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SS03@5	5	4/16/2024										<0.00500		<0.00500		
SS04@2	2	4/16/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SS04A@2	2	4/16/2024										<0.00500		<0.00500		
SS05@2	2	4/16/2024										<0.00500		<0.00500		
SS07@2	2	4/16/2024										<0.00500		<0.00500		
SS08@2	2	4/16/2024										<0.00500		<0.00500		
SS10@2	2	4/16/2024										<0.00562		<0.00562		
SS12@6	6	4/16/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00528	<0.00500	0.0139	<0.00500	<0.00500
SS13@9	9	6/6/2024										<0.00500		<0.00500		
SS14@4.5	4.5	6/6/2024										<0.00500		<0.00500		
SS15@3	3	6/6/2024										<0.00500		<0.00500		
SS16@4	4	6/6/2024										<0.00500		<0.00500		
SS17@4	4	6/6/2024										<0.00500		<0.00500		
SS18@4	4	6/6/2024										<0.00500		<0.00500		
SS19@4	4	6/6/2024										<0.00500		<0.00500		
SS20@3	6	6/6/2024										<0.00500		<0.00500		
SS21@6	6	6/6/2024										<0.00500		<0.00500		
SS21@6.5	6.5	7/18/2024										<0.00500		<0.00500		
SS22@6	6	6/6/2024										<0.00500		<0.00500		
SS23@11	11	7/18/2024										<0.00500		<0.00500		
SS23@11.5	11.5	8/2/2024										<0.00500		<0.00500		
SS24@6	6	7/18/2024										<0.00500		<0.00500		
SS24@6.5	6.5	8/2/2024										<0.00500		<0.00500		
SS25@6	6	7/18/2024										<0.00500		<0.00500		
SS25@6.5	6.5	8/2/2024										<0.00500		<0.00500		
SS26@4.5	4.5	8/2/2024										<0.00500		<0.00500		

Notes:

PAH - Polycyclic aromatic hydrocarbons
ft-bgs - feet below ground surface
mg/kg - milligrams per kilogram
Blue - Above ECMC Table 915-1 GWSSL

ECMC - Energy and Carbon Management Commission
RSSL - Residential Soil Screening Level
GWSSL - Groundwater Soil Screening Level
< - indicates result is below the laboratory reporting limit

Sample Removed by Excavation
Final Extent Confirmation Sample

TABLE 4
Soil Analytical Results Summary Table - Inorganics
Razor 26 SWD Gathering Line 2024 Release. Weld County, CO

Sample Information			Soil Suitability for Reclamation				Metals in Soils									
Sample ID	Depth	Sample Date	EC	SAR	pH	Boron	Arsenic	Barium	Cadmium	Chromium (VI)	Copper	Lead	Nickel	Selenium	Silver	Zinc
Units -->	ft-bgs	mm/dd/yyyy	mmhos/cm	Unitless	Unitless	mg/l	mg/kg									
ECMC RSSL -->			<4	<6	6.0 - 8.3	2	0.68	15000	71	0.3	3100	400	1500	390	390	23000
ECMC GWSSL -->			<4	<6	6.0 - 8.3	2	0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
Highest Background Levels (x1.25 where applicable) -->			NA	NA	9.00	NA	4.15	301	0.466	NA	NA	NA	NA	NA	NA	NA
SS01@2.5	2.5	4/16/2024	7.31	6.14	7.85	<2.00	3.08	370	0.410	<0.30	8.32	12.4	3.62	<0.260	0.0332	29.0
SS02@2.5	2.5	4/16/2024	2.16	12.0	8.26	<2.00	3.66	296	0.432	<0.30	9.36	15.5	3.86	<0.260	0.0370	32.7
SS02@5	5	4/16/2024	4.72	10.2	8.05		4.66	292	0.357			13.1				
SS03@2.5	2.5	4/16/2024	8.62	43.2	7.80	<2.00	3.80	300	0.517	<0.30	9.74	16.6	4.06	<0.260	0.0408	33.3
SS03@5	5	4/16/2024	1.51	5.47	8.30		4.40	297	0.368			14.7				
SS04@2	2	4/16/2024	15.3	0.941	8.12	<2.00	4.04	331	0.486	<0.30	9.05	16.3	3.70	<0.260	0.0387	30.2
SS04A@2	2	4/16/2024	0.336	0.882	8.95		4.40	292	0.358			13.5				
SS05@2	2	4/16/2024	0.386	4.22	9.20	<2.00	3.40	377	0.452	<0.30	8.84	15.1	3.79	<0.260	0.0385	31.0
SS06@2	2	4/16/2024	1.21	6.07	8.55	<2.00	3.32	291	0.412	<0.30	9.54	14.5	4.07	<0.260	0.0384	36.6
SS07@2	2	4/16/2024	2.91	2.56	8.02	<2.00	3.53	286	0.466	<0.30	9.44	15.3	3.70	<0.234	0.0413	33.4
SS08@2	2	4/16/2024	0.835	1.21	8.65	<2.00	3.42	292	0.458	<0.30	8.53	13.9	3.55	<0.260	0.0406	31.6
SS09@2	2	4/16/2024	0.939	1.30	9.00	<2.00	3.79	302	0.488	<0.30	11.0	13.2	4.16	<0.260	0.0408	35.6
SS10@2	2	4/16/2024	0.683	1.45	9.08	<2.00	3.80	449	0.479	<0.30	11.4	11.0	3.90	<0.260	0.0316	36.2
SS11@2	2	4/16/2024	0.739	19.7	8.94	<2.00	3.31	308	0.466	<0.30	8.80	17.0	3.60	<0.260	0.0351	30.5
SS12@6	6	4/16/2024	8.68	12.5	8.05	<2.00	5.06	213	0.547	<0.30	9.16	6.93	3.52	<0.260	0.0534	33.8
SS13@9	9	6/6/2024	9.54	12.3	8.00		4.82	233	0.413			6.91				
SS14@4.5	4.5	6/6/2024	5.93	6.09	7.93		3.94	341	0.422			13.4				
SS14@4.5RE			5.04	5.75												
SS15@3	3	6/6/2024	2.19	7.72	8.29		5.17	341	0.440			13.0				
SS15@3RE				5.55			0.754									
SS16@4	4	6/6/2024	1.31	7.10	8.84		4.04	273	0.414			12.7				
SS16@4RE				4.37												
SS17@4	4	6/6/2024	1.25	5.21	8.80		4.52	264	0.431			11.7				
SS17@4RE							0.630									
SS18@4	4	6/6/2024	0.520	1.66	8.96		4.49	303	0.439			10.6				
SS18@4RE							0.599									
SS19@4	4	6/6/2024	0.825	3.24	9.08		4.41	328	0.451			14.5				
SS19@4RE					8.63											
SS20@3	6	6/6/2024	1.08	5.15	8.82		5.61	297	0.401			10.8				
SS20@3RE							0.974									
SS21@6	6	6/6/2024	1.41	8.24	8.84		8.08	280	0.462			10.1				
SS21@6.5	6.5	7/18/2024	0.240	0.160	8.47		3.43	226	0.215			10.4				
SS22@6	6	6/6/2024	0.923	2.65	7.47		4.49	302	0.494			16.0				
SS22@6RE							0.643									
SS23@11	11	7/18/2024	1.98	6.34	9.61		1.84	46.5	<0.200			4.12				
SS23@11.5	11.5	8/2/2024	0.614	2.39	8.62		2.69	273	<0.200			6.47				
SS24@6	6	7/18/2024	0.601	1.39	8.66		4.95	279	0.306			11.3				
SS24@6.5	6.5	8/2/2024	0.397	1.35	8.91		2.71	318	<0.200			7.26				
SS25@6	6	7/18/2024	0.827	1.76	9.17		2.85	129	<0.200			6.80				
SS25@6.5	6.5	8/2/2024	0.739	3.25	8.62		3.51	289	0.216			9.96				
SS26@4.5	4.5	8/2/2024	0.652	3.11	8.46		3.03	300	<0.200			8.04				

TABLE 4
Soil Analytical Results Summary Table - Inorganics
Razor 26 SWD Gathering Line 2024 Release. Weld County, CO

Sample Information			Soil Suitability for Reclamation				Metals in Soils									
Sample ID	Depth	Sample Date	EC	SAR	pH	Boron	Arsenic	Barium	Cadmium	Chromium (VI)	Copper	Lead	Nickel	Selenium	Silver	Zinc
BKG01@2	2	4/16/2024	2.79	0.155	9.00	<2.00	1.98	125	0.246	<0.30	5.16	7.43	2.93	<0.260	0.0240	21.6
BKG01@5	5	4/16/2024	0.256	3.17	8.38	<2.00	2.98	219	0.373	<0.30	8.19	10.2	3.60	<0.234	0.0364	32.7
BKG02@2	2	4/16/2024	0.835	0.130	8.02	<2.00	3.32	174	0.341	<0.30	6.71	9.50	3.17	<0.260	0.0303	26.3
BKG02@5	5	4/16/2024	0.233	0.594	8.50	<2.00	2.83	241	0.369	<0.30	8.09	10.4	3.70	<0.260	0.0358	32.6

Notes:

EC - Electrical Conductivity
SAR - Sodium adsorption ratio
ft-bgs - feet below ground surface
mg/l - milligrams per liter
mg/kg - milligrams per kilogram

mmhos/cm - millimhos per centimeter
ECMC - Energy and Carbon Management Commission
RSSL - Residential Soil Screening Level
GWSSL - Groundwater Soil Screening Level
< - indicates result is below the laboratory reporting limit

Not analyzed
Red- Above ECMC Table 915-1 RSSL
Blue - Above ECMC Table 915-1 GWSSL
Green- Above ECMC Table 915-1 GWSSL, representative of background levels
Sample Removed by Excavation
Final Extent Confirmation Sample