

**Fulcrum Energy Operating
Spicer Annex S32
Attachment C - Analytical Summary**

Table 915-1		Sample Type	Background										Soil Confirmation Sample																					
		Sample Date	6/4/2025										10/2/2024					10/3/2024																
		Sample ID	BG-Spicer_01	S32_BG 01@4'	S32_BG 01@8'	S32_BG 01@12'	S32_BG 01@16'	S32_BG 02@4'	S32_BG 02@8'	S32_BG 02@12'	S32_BG 02@16'	SS_S32 1	SS_S32 3	SS_S32 4	SS_S32 5	SS_S32 6	SS_S32 7	SS_S32 8	SS_S32 9	SS_S32 10	SS_S32 11	SS_S32 12	SS_S32 13	SS_S32 14	SS_S32 15	SS_S32 16	SS_S32 17	SS_S32 18	SS_S32 19					
			Depth - BGS (feet)	5.0	4.0	8.0	12.0	16.0	4.0	8.0	12.0	16.0	3.0	8.0	4.0	10.0	4.0	4.0	4.0	3.0	3.0	3.0	4.0	1.0	2.0	4.0	4.0	3.0	3.0	7.0				
Contaminant of Concern		Depth - BGS (feet)	5.0	4.0	8.0	12.0	16.0	4.0	8.0	12.0	16.0	3.0	8.0	4.0	10.0	4.0	4.0	4.0	3.0	3.0	3.0	4.0	1.0	2.0	4.0	4.0	3.0	3.0	7.0					
Organic Compounds in Soil		RSSL																																
TPH (Gasoline Range Organics)		mg/kg	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.343	ND	ND	ND	ND	ND	ND	ND					
TPH (Diesel Range Organics)		mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND					
TPH (Oil Range Organics)		mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND					
Total Petroleum Hydrocarbons (GRO+DRO+ORO)		mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.343	ND	ND	ND	ND	ND	95	32	ND				
Benzene		1.2 mg/kg	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Toluene		490 mg/kg	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Ethylbenzene		5.8 mg/kg	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Xylenes (total)		58 mg/kg	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
1,2,4-Trimethylbenzene		30 mg/kg	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1,3,5-Trimethylbenzene		27 mg/kg	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Acenaphthene		360 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Anthracene		1800 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Benzo(a)anthracene		1.1 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Benzo(b)fluoranthene		1.1 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Benzo(k)fluoranthene		0.11 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Benzo(a)pyrene		11 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene		110 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene		0.11 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene		240 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene		240 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.086	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Indeno(1,2,3-cd)pyrene		1.1 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1-Methylnaphthalene		18 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.280	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene		24 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.399	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene		2 mg/kg	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene		180 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.136	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Soil Suitability for Reclamation																																		
Electrical Conductivity (EC)		<4 mmhos/cm	mmhos/cm	0.218	0.29	0.23	0.23	0.26	0.28	0.22	0.22	0.27	0.434	2.96	0.577	2.420	0.415	0.619	1.02	0.828	0.551	1.07	2.49	1.45	0.630	0.984	0.692	1.54	0.514	0.226				
Sodium Adsorption Ratio (SAR)		< 6	ratio	0.621	1.01	0.55	0.40	0.54	0.57	0.50	0.36	0.51	0.222	5.05	1.05	2.74	1.46	1.2	0.985	0.772	1.22	0.823	3.38	1.81	0.552	11.1	8.71	3.27	0.862	0.173				
pH		6.0-8.3	su	8.4	8.28	8.16	8.10	8.06	8.14	8.18	8.16	8.03	7.87	8.03	8.23	8.10	6.42	8.19	8.13	8.27	8.34	8.18	7.88	8.01	8.2	8.86	8.77	8.13	8.32	8.44				
Boron (Hot Water Soluble)		2	mg/l	0.103	ND	ND	0.06	0.05	0.05	0.07	0.06	0.07	ND	ND	0.108	0.221	0.118	ND	0.137	0.155	0.416	0.533	1.450	0.731	0.127	1.990	0.676	1.060	0.308	ND				
Metals in Soils																																		
Arsenic		0.68	mg/kg	NA	4.20	3.87	2.84	3.09	2.87	3.36	3.58	2.79	3.74	4.48	4.71	2.83	3.96	4.66	4.19	4.19	4.46	6.32	3.78	3.23	4.52	3.73	2.34	3.41	3.85	3.83				
Barium		15,000	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	133	142	162	208	169	151	134	190	271	294	222	86.5	193	208	155	196	175	120				
Cadmium		71	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.169	0.213	0.263	0.175	0.22	0.231	0.233	0.212	0.384	0.408	0.417	ND	0.318	0.267	0.123	0.215	0.219	0.128				
Chromium (Hexavalent)		0.3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper		3,100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.9	19.2	29.6	19	14.6	16.8	20.9	16.4	23.2	30.3	18.3	ND	19.6	19.1	12.8	15.3	15.1	ND				
Lead		400	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.21	7.89	13.4	7.98	6.3	6.96	10.3	9.25	11.1	14.0	9.98	5.85	9.93	10.1	6.58	8.63	7.99	4.45				
Nickel		1,600	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.9	12	22.5	13.3	13.4	12.3	16	16.5	19.1	22.8	16.9	6.42	17.3	15.2	17.0	14.6	15.2	9.72				
Selenium		390	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.232	ND	ND	ND	ND	ND	0.246	0.312	ND	0.272	ND	ND	0.265	0.255	ND	ND	ND	ND	ND	ND	ND	
Silver		390	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc		23,000	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	42.3	39.7	61.5	43.7	43.4	40.2	52.5	54.1	55.2	71.9	58.0	ND	49.4	56.1	51.2	50.3	52.3	ND				

Concentrations in red font exceed Table 915-1 RSSL standards
RSSL = Residential Soil Screening Levels
ND - Non-detect - Analytical result is less than the reporting limit
NA - Not analyzed

**Fulcrum Energy Operating
Spicer Annex S32
Attachment C - Analytical Summary**

Table 915-1		Sample Date	6/4/2025										10/3/2024																							
		Sample ID	BG-Spicer_01	S32_B0 01B4'	S32_B0 01B8'	S32_B0 01B12'	S32_B0 01B16'	S32_B0 02B4'	S32_B0 02B8'	S32_B0 02B12'	S32_B0 02B16'	SS_S32_20	SS_S32_21	SS_S32_22	SS_S32_23	SS_S32_24	SS_S32_25	SS_S32_26	SS_S32_27	SS_S32_28	SS_S32_29	SS_S32_30	SS_S32_31	SS_S32_32	SS_S32_33	SS_S32_34	SS_S32_35	SS_S32_36	SS_S32_37	SS_S32_38						
Contaminant of Concern		Depth - BGS (feet)	5.0	4.0	6.0	12.0	16.0	4.0	6.0	12.0	16.0	4.0	4.0	8.0	8.0	11.0	11.0	11.0	5.0	11.0	5.0	9.0	9.0	10.0	6.0	14.0	13.0	7.0	4.0							
Organic Compounds in Soil		RSSL																																		
TPH (Gasoline Range Organics)		mg/kg	ND	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	2.23	0.256	ND	ND	0.307	ND	0.435	ND	2.78	0.225	0.339	0.204	ND	0.524	0.457								
TPH (Diesel Range Organics)		mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	253	ND	ND	ND	ND	ND	ND	ND	207.0	ND	30.3	ND	ND	39.3	65.2								
TPH (Oil Range Organics)		mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Total Petroleum Hydrocarbons (ORO+ORO+ORO)		mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	255.23	0.256	ND	ND	0.307	ND	0.435	ND	209.78	0.225	30.639	0.204	ND	39.834	65.657								
Benzene		1.2 mg/kg	ND	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
Toluene		490 mg/kg	ND	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
Ethylbenzene		5.8 mg/kg	ND	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
Xylenes (total)		58 mg/kg	ND	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
1,2,4-Trimethylbenzene		30 mg/kg	ND	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
1,2,5-Trimethylbenzene		27 mg/kg	ND	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
Acenaphthene		560 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	0.960	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
Anthracene		1800 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
Benzo(a)anthracene		1.1 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
Benzo(b)fluoranthene		1.1 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
Benzo(k)fluoranthene		11 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
Benzo(a)pyrene		0.11 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
Chrysene		110 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
Dibenz(a,h)anthracene		0.11 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
Fluoranthene		240 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
Fluorene		240 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	0.033	ND	ND	ND	ND	ND	ND	ND	ND	0.028	ND	ND	ND	ND	ND								
Indeno(1,2,3-cd)pyrene		1.1 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
1-Methylnaphthalene		18 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	0.067	ND	ND	ND	ND	ND	ND	ND	ND	0.071	ND	ND	ND	ND	0.010								
2-Methylnaphthalene		24 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	0.043	ND	ND	ND	ND	ND	ND	ND	ND	0.038	ND	ND	ND	ND	0.009								
Naphthalene		2 mg/kg	ND	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
Pyrene		180 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	0.055	ND	ND	ND	ND	ND	ND	ND	ND	0.045	ND	ND	ND	ND	0.039								
Soil Suitability for Reclamation																																				
Electrical Conductivity (EC)		mmhos/cm	0.218	0.29	0.23	0.23	0.26	0.28	0.22	0.22	0.27	0.304	0.623	0.395	0.539	0.147	0.691	0.177	0.156	0.120	0.192	0.174	0.193	0.881	0.295	0.903	0.260	1.34	0.552	0.516						
Sodium Adsorption Ratio (SAR)		< 6 ratio	0.621	1.01	0.55	0.40	0.54	0.57	0.50	0.36	0.51	0.328	0.428	0.287	0.984	0.192	0.200	0.213	0.215	0.196	0.272	0.142	0.296	2.74	2.87	15.0	0.329	0.396	3.49	0.217						
pH		6.0-8.3 su	8.4	8.28	8.16	8.10	8.06	8.14	8.18	8.16	8.03	8.19	7.63	8.26	8.20	8.32	8.13	8.33	8.16	7.48	8.25	8.32	8.35	8.27	8.48	8.89	8.21	8.10	8.32	8.12						
Boron (Hot Water Soluble)		2 mg/l	0.103	ND	ND	0.06	0.05	0.05	0.07	0.06	0.07	ND	0.109	ND	0.203	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.465	0.149							
Metals in Soils																																				
Arsenic		0.68 mg/kg	NA	4.20	3.87	2.84	3.09	2.87	3.36	3.58	2.79	3.40	3.71	2.76	1.35	0.911	3.78	0.925	1.08	6.36	1.62	3.20	2.18	0.925	0.940	1.86	0.495	1.14	0.864	4.33						
Barium		15,000 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	179	171	134	147	50.6	128	60.5	61.6	409	129	158	104	203	156	259	31.0	241	147	182							
Cadmium		71 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	0.256	0.207	0.146	0.114	ND	0.230	ND	ND	0.342	ND	0.178	ND	ND	0.124	0.100	ND	0.213	0.0941	0.371							
Chromium (Hexavalent)		0.3 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Copper		3,100 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	16.7	16.3	ND	ND	ND	17.6	ND	ND	14.9	9.76	10.5	9.43	26.8	26.0	22.4	ND	15.9	16.4	16.4							
Lead		400 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	8.13	9.25	3.97	4.19	3.37	9.09	3.46	3.58	6.12	8.50	5.85	5.21	12	10.2	8.36	4.21	10.4	8.43	9.96							
Nickel		1,600 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	15.3	16.4	8.97	9.31	5.3	14.6	6.70	5.40	16.8	18.9	11.1	8.92	25.4	31.1	22.6	7.10	21.4	25.1	17.3							
Selenium		390 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	0.256	0.279	ND	ND	ND	ND	ND	ND	0.385	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Silver		390 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Zinc		23,000 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	44.6	52.3	ND	ND	ND	ND	51.9	ND	ND	65.3	62	37.6	ND	81.5	96.6	69.6	ND	64.6	73.4	51.8						

Concentrations in red font exceed Table 915-1 GSSL standards
RSSL = Residential Soil Screening Levels
ND = Non-detected - Analytical result is less than the reporting limit
NA = Not analyzed

**Fulcrum Energy Operating
Spicer Annex S32
Attachment C - Analytical Summary**

Table 915-1		Sample Date	6/4/2023										10/7/2024										10/14/2024									
		Sample ID	BG-Spicer_01	S32_BG 01@4'	S32_BG 01@8'	S32_BG 01@12'	S32_BG 01@16'	S32_BG 02@4'	S32_BG 02@8'	S32_BG 02@12'	S32_BG 02@16'	SS_S32 39	SS_S32 40	SS_S32 41	SS_S32 42	SS_S32 43	SS_S32 44	SS_S32 45	SS_S32 46	SS_S32 47	SS_S32 48	SS_S32 15	SS_S32 15	SS_S32 15	SS_S32 16	SS_S32 16	SS_S32 16	SS_S32 34	SS_S32 34	SS_S32 34		
Contaminant of Concern		Depth - BGS (feet)	5.0	4.0	8.0	12.0	16.0	4.0	8.0	12.0	16.0	12.0	9.0	12.0	9.0	9.0	9.0	6.0	6.0	4.0	5.0	6.0	7.0	5.0	6.0	7.0	7.0	8.0	9.0			
Organic Compounds in Soil		RSSL																														
TPH (Gasoline Range Organics)		mg/kg	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA			
TPH (Diesel Range Organics)		mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
TPH (Oil Range Organics)		mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Total Petroleum Hydrocarbons (GRO+DRO+ORO)		mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Benzene		1.2 mg/kg	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Toluene		490 mg/kg	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Ethylbenzene		5.8 mg/kg	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Xylenes (total)		58 mg/kg	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
1,2,4-Trimethylbenzene		30 mg/kg	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
1,3,5-Trimethylbenzene		27 mg/kg	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Acenaphthene		360 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Anthracene		1800 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Benzo(a)anthracene		1.1 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Benzo(b)fluoranthene		1.1 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Benzo(k)fluoranthene		11 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Benzo(a)pyrene		0.11 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Chrysene		110 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Dibenz(a,h)anthracene		0.11 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Fluoranthene		240 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Fluorene		240 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Indeno(1,2,3-cd)pyrene		1.1 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
1-Methylnaphthalene		18 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	ND	ND	ND			
2-Methylnaphthalene		24 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Naphthalene		2 mg/kg	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Pyrene		180 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Soil Suitability for Reclamation																																
Electrical Conductivity (EC)		mmhos/cm	0.218	0.29	0.23	0.23	0.26	0.28	0.22	0.22	0.27	0.192	0.172	0.875	0.648	0.763	0.300	0.384	0.264	0.197	0.104	0.788	0.496	0.390	0.320	0.360	0.252	0.939	0.561	0.562		
Sodium Adsorption Ratio (SAR)		< 6 ratio	0.621	1.01	0.55	0.40	0.54	0.57	0.50	0.36	0.51	0.148	0.194	0.105	0.0892	0.206	0.0973	0.182	0.107	0.231	0.309	11.3	8.2	3.77	1.93	1.30	0.996	16.9	12.1	4.21		
pH		6.0-8.3 su	8.4	8.28	8.16	8.10	8.06	8.14	8.18	8.16	8.03	8.18	8.2	7.89	8.02	7.98	8.03	8.07	8.06	8.24	7.68	8.86	8.56	8.4	8.31	8.22	8.33	8.92	8.84	8.34		
Boron (Hot Water Soluble)		2 mg/l	0.103	ND	ND	0.06	0.05	0.05	0.07	0.06	0.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.030	0.492	0.126	0.148	0.109	ND	ND	0.534	0.235	ND		
Metals in Soils																																
Arsenic		0.68 mg/kg	NA	4.20	3.87	2.84	3.09	2.87	3.36	3.58	2.79	3.57	3.40	3.53	4.01	3.69	4.16	3.95	4.25	3.76	3.47	1.74	0.670	1.02	2.81	1.87	1.75	2.17	1.2	0.993		
Barium		15,000 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	157	160	142	179	140	177	195	189	151	154	177	182	157	126	90.0	66.4	212	206	141		
Cadmium		71 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.248	0.255	0.294	0.264	0.175	0.299	0.391	0.447	0.340	0.207	0.122	0.137	0.110	0.133	0.230	ND	ND	0.101	0.171		
Chromium (Hexavalent)		0.3 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Copper		3,100 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.7	14.0	16.7	18.2	16.6	15.4	15.7	13.5	16.8	15.4	20.9	24.4	30.9	14.1	ND	ND	29.5	21.9	30.9		
Lead		400 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.99	8.19	6.27	9.88	9.06	8.8	8.27	3.66	9.31	8.28	8.78	9.34	11.2	8.65	6.29	5.32	10.6	9.34	10.5		
Nickel		1,600 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	16	14.6	17.3	17.7	14.4	16.6	16.7	16.1	17.7	16.2	23.1	32.8	33	14.5	11.9	9.0	27.9	33.6	32.5		
Selenium		390 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.248	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Silver		390 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Zinc		23,000 mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.9	49.8	52.2	59.2	58.5	55.4	54.2	41.2	56.3	47.0	63.7	92.1	95.8	48.8	38.8	ND	82.7	93.7	95.5		

Concentrations in red font exceed Table 915-1 GSSL standards
RSSL = Residential Soil Screening Levels
ND - Non-detect - Analytical result is less than the reporting limit
NA - Not analyzed