

Table 915-1		Fulcrum Energy Operating - Surprise Damfino S6 Attachment D - Soil Sample Analytical Summary																	
		Background Samples - 4/27/2023			Confirmation Samples - 7/31/2023														
		Sample ID	BG_Damfino_0 2@5'	BG_Damfino_0 3@5'	SD1 @ 15"	SD2 @ 15"	SD3 @ 30"	SD4 @ 18"	SD5 @ 12"	SD6 @ 15"	SD7 @ 30"	SD8 @ 24"	SD9 @ 24"	SD10 @ 12"	SD11 @ 8"	SD12 @ 12"	SD13 @ 24"	SDSP1 @ 6"	SDSP2 @ 6"
Contaminant of Concern	Depth - BGS (inches)	60	60	15	15"	30"	18"	12"	15"	30"	24"	24"	12"	8"	12"	24"	6"	6"	
Organic Compounds in Soil	RSSL Concentrations	Units																	
TPH-TVPH (Gasoline Range Organics-C6-C10)	500	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TPH-TEPH (Diesel Range Organics-C10-C28)		mg/kg	NA	NA	ND	ND	65.6	ND	78	ND	ND	337	ND	538	49.5	281	ND	181	25.1
TPH-ORO (Oil Range Organics-C28-C40)		mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	723	ND	ND	ND	ND	ND	490	ND
Total TPH (GRO+DRO+ORO)		mg/kg	NA	NA	ND	ND	65.6	ND	78	ND	ND	1060	ND	538	49.5	281	ND	671	25.1
Benzene	1.2	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	490	mg/kg	NA	NA	ND	ND	0.0031	ND	0.0027	ND	ND	ND	ND	0.00258	ND	ND	0.0024	ND	
Ethylbenzene	5.8	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes (total)	58	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2,4-Trimethylbenzene	30	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,3,5-Trimethylbenzene	27	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Acenaphthene	360	mg/kg	NA	NA	ND	ND	0.00321	0.000991	ND	ND	0.00285	0.000729	0.0103	0.000906	0.00298	0.000942	ND	ND	
Anthracene	1800	mg/kg	NA	NA	ND	0.0016	0.00475	0.00296	0.00177	ND	0.00193	0.00062	0.0124	0.00101	0.00843	0.00212	0.000658	0.00354	
Benzo(A)anthracene	1.1	mg/kg	NA	NA	ND	ND	ND	0.00198	ND	ND	0.0112	ND	0.00156	ND	ND	ND	ND	0.00101	
Benzo(B)fluoranthene	1.1	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	0.00319	ND	ND	ND	0.00104	ND	ND	ND	
Benzo(K)fluoranthene	11	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	0.00188	ND	ND	ND	0.000586	ND	ND	ND	
Benzo(A)pyrene	0.11	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chrysene	110	mg/kg	NA	NA	ND	0.000638	0.00161	0.00359	0.000768	ND	ND	0.0499	ND	0.0048	0.00106	0.00563	ND	ND	
Dibenzo(A,H)anthracene	0.11	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	0.00424	ND	ND	ND	ND	ND	ND	ND	
Fluoranthene	240	mg/kg	NA	NA	ND	0.000789	0.00107	0.000945	ND	ND	0.00177	ND	0.00243	0.000452	0.00155	0.000412	ND	0.00072	
Fluorene	240	mg/kg	NA	NA	ND	0.00367	0.0133	0.0048	0.00321	ND	0.000564	0.00917	0.00286	0.0293	0.00371	0.0112	0.0035	0.00109	
Indeno(1,2,3,C,D)pyrene	1.1	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	0.00307	ND	ND	ND	ND	ND	ND	ND	
1-Methylnaphthalene	18	mg/kg	NA	NA	ND	ND	0.00265	0.00168	ND	ND	0.0327	ND	0.0161	0.00111	0.00441	ND	0.00109	ND	
2-Methylnaphthalene	24	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	0.0283	ND	0.0136	ND	0.00325	ND	ND	ND	
Naphthalene	2	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	0.00823	ND	ND	ND	ND	ND	ND	ND	
Pyrene	180	mg/kg	NA	NA	0.00156	0.00813	0.0153	0.0112	0.00631	ND	0.00121	0.00783	0.00173	0.0449	0.00498	0.0214	0.00608	0.00226	
Soil Suitability for Reclamation																			
Electrical Conductivity (EC)	<4 mmhos/cm	mmhos/cm	0.194	0.507	2.140	1.180	7.540	1.290	3.870	1.530	1.660	3.460	3.620	3.400	2.090	5.910	0.587	2.430	1.960
Sodium Adsorption Ratio (SAR)	< 6	ratio	6.81	6.73	0.77	2.43	11.8	2.36	9.68	1.89	3.18	3.71	1.14	9.7	42	8.93	0.668	11.3	6
pH	6.0-8.3	su	7.88	8.71	8.06	8.17	7.71	8.02	8.01	8.04	7.88	7.88	7.82	8.04	9.54	7.92	8.1	8.18	8.1
Boron (Hot Water Soluble)	2	mg/l	0.136	ND	ND	ND	0.257	0.107	0.37	0.253	0.125	0.463	1.57	31.1	2.64	11.9	0.134	7.66	2.5
Metals in Soils	RSSL																		
Arsenic	0.68	mg/kg	4.09	0.686	4.23	2.81	3.41	2.94	4.9	3.06	1.44	4.64	3.95	2.88	2.85	3.29	4.06	2.93	3.51
Barium	15,000	mg/kg	NA	NA	138.0	186	347	782	177	236	151	9010	433	1350	871	844	218	458	473
Cadmium	71	mg/kg	NA	NA	0.0977	0.0947	0.199	0.148	0.0997	0.16	ND	0.543	0.249	0.159	0.212	0.175	0.281	0.19	0.0169
Chromium (Hexavalent)	0.3	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper	3,100	mg/kg	NA	NA	10.2	9.63	18.3	12.5	8.95	16	9.83	24.7	23.2	14	15.2	14.7	21.7	14.3	14.8
Lead	400	mg/kg	NA	NA	ND	ND	9.36	ND	ND	ND	ND	ND	11.30	ND	12.60	9.05	10.60	10.40	9.89
Nickel	1,500	mg/kg	NA	NA	10.40	9.61	16.20	11	ND	13.90	11.80	17.20	19.30	13.70	15.30	14.60	19.30	13.30	13.70
Selenium	390	mg/kg	NA	NA	0.14	0.123	0.197	0.189	0.116	0.189	0.185	0.818	0.27	0.176	0.207	0.194	0.383	0.153	0.111
Silver	390	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	23,000	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	99	ND	ND	ND	ND	ND	ND

Notes: Sample concentrations in red font exceed Table 915-1 standards. TPH - Total Petroleum Hydrocarbons. BGS - Below Ground Surface.

Exceedance - Further Excavated, Resampled. mg/kg - milligrams per kilogram. SAR - Sodium Adsorption Ratio.

Pass due to background pH and/or SAR exceedance. mmhos/cm - millimhos per centimeter. NA - Not Analyzed.

Table 915-1		Fulcrum Energy Operating - Surprise Damfino S6 Attachment D - Soil Sample Analytical Summary											
		Background Samples - 4/27/2023			Confirmation Samples - 8/1/2023								
		Sample ID	BG_Damfino_0 2@5'	BG_Damfino_0 3@5'	SD WH1 E @ 24"	SD WH2 N @ 48"	SD WH3 SE @ 48"	SD WH4 S @ 48"	SD WH5 SW @ 48"	SD8 @ 48"	SD WH6 @ 60"	SD 16 @ 16"	
Contaminant of Concern	Depth - BGS (inches)	60	60	24"	48"	48"	48"	48"	48"	60"	16"		
Organic Compounds in Soil	RSSL Concentrations	Units											
TPH-TVPH (Gasoline Range Organics-C6-C10)	500	mg/kg	NA	NA	3.49	ND	0.986	ND	1.88	ND	ND	ND	
TPH-TEPH (Diesel Range Organics-C10-C28)		mg/kg	NA	NA	337	ND	349	ND	ND	ND	ND	224	
TPH-ORO (Oil Range Organics-C28-C40)		mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	
Total TPH (GRO+DRO+ORO)		mg/kg	NA	NA	340.49	ND	349.986	ND	1.88	ND	ND	224	
Benzene	1.2	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	
Toluene	490	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	
Ethylbenzene	5.8	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes (total)	58	mg/kg	NA	NA	ND	ND	ND	ND	ND	0.00348	ND	0.00328	
1,2,4-Trimethylbenzene	30	mg/kg	NA	NA	ND	ND	ND	ND	ND	0.00306	ND	ND	
1,3,5-Trimethylbenzene	27	mg/kg	NA	NA	ND	ND	0.00274	ND	0.0028	ND	ND	ND	
Acenaphthene	360	mg/kg	NA	NA	0.00588	ND	0.0169	ND	0.00309	ND	ND	NA	
Anthracene	1800	mg/kg	NA	NA	0.00846	ND	0.00472	ND	0.00127	ND	ND	NA	
Benzo(A)anthracene	1.1	mg/kg	NA	NA	ND	ND	0.00578	ND	ND	ND	ND	NA	
Benzo(B)fluoranthene	1.1	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	NA	
Benzo(K)fluoranthene	11	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	NA	
Benzo(A)pyrene	0.11	mg/kg	NA	NA	ND	ND	0.00501	ND	ND	ND	ND	NA	
Chrysene	110	mg/kg	NA	NA	0.00401	ND	0.0143	ND	0.000804	ND	ND	NA	
Dibenzo(A,H)anthracene	0.11	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	NA	
Fluoranthene	240	mg/kg	NA	NA	0.00665	ND	ND	ND	0.0007	ND	ND	NA	
Fluorene	240	mg/kg	NA	NA	ND	0.000978	0.031	0.0011	0.00498	ND	ND	NA	
Indeno(1,2,3,C,D)pyrene	1.1	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	NA	
1-Methylnaphthalene	18	mg/kg	NA	NA	ND	0.00362	0.0769	0.00863	0.0109	ND	ND	NA	
2-Methylnaphthalene	24	mg/kg	NA	NA	ND	0.00379	0.0486	0.00807	0.00392	ND	ND	NA	
Naphthalene	2	mg/kg	NA	NA	ND	0.00234	0.0335	0.00279	0.00145	ND	ND	NA	
Pyrene	180	mg/kg	NA	NA	0.0497	0.00117	0.0245	ND	0.00618	ND	ND	NA	
Soil Suitability for Reclamation													
Electrical Conductivity (EC)	<4 mmhos/cm	mmhos/cm	0.194	0.507	3.640	3.310	3.630	0.590	1.130	0.640	0.904	2.790	
Sodium Adsorption Ratio (SAR)	< 6	ratio	6.81	6.73	9.34	1.22	4.6	12.5	22.3	6.41	0.906	2.92	
pH	6.0-8.3	su	7.88	8.71	6.97	6.73	7.31	8.15	8.1	7.8	7.2	7.83	
Boron (Hot Water Soluble)	2	mg/l	0.136	ND	0.182	ND	0.247	0.324	0.388	0.165	0.123	0.103	
Metals in Soils			RSSL										
Arsenic	0.68	mg/kg	4.09	0.686	4.27	NA	4.17	3.85	3.79	3.73	3.01	2.39	
Barium	15,000	mg/kg	NA	NA	228	NA	2040	204	258	192	211	237	
Cadmium	71	mg/kg	NA	NA	0.317	NA	0.424	0.318	0.266	0.269	0.254	0.113	
Chromium (Hexavalent)	0.3	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	NA	
Copper	3,100	mg/kg	NA	NA	24.1	NA	24.3	21.9	21.4	22.7	20.5	11.2	
Lead	400	mg/kg	NA	NA	11.30	NA	9.71	10.20	9.98	9.75	ND	ND	
Nickel	1,500	mg/kg	NA	NA	20.90	NA	17.70	18.70	17.70	17.90	13.70	ND	
Selenium	390	mg/kg	NA	NA	0.364	NA	0.634	0.33	0.325	0.258	0.219	0.125	
Silver	390	mg/kg	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	
Zinc	23,000	mg/kg	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	
Notes:			Sample concentrations in red font exceed Table 915-1 standards				TPH - Total Petroleum Hydrocarbons						
Exceedance - Further Excavated, Resampled			mg/kg - milligrams per kilogram				SAR - Sodium Adsorption Ratio						
Resample Confirmation and pass due to background pH and/or SAR exceedance			mmhos/cm - millimhos per centimeter				NA - Not Analyzed						
							BGS - Below Ground Surface						

Table 915-1			Fulcrum Energy Operating - Surprise Damfino S6 Attachment D - Soil Sample Analytical Summary											
			Background Samples - 4/27/2023			Confirmation Samples - 8/3/2023								
			Sample ID	BG_Damfino_0 2@5'	BG_Damfino_0 3@5'	SD 3 @ 40"	SDSP2 @ 36"	SDSP3 @ 36"	SD 7-1 @ 96"	SD 7-2 @ 96"	SD 17 @ 36"	SD 18 @ 36"	SD 19 @ 36"	SD 20 @ 36"
Contaminant of Concern	Depth - BGS (inches)	60	60	40"	36"	36"	96"	96"	36"	36"	36"	36"	36"	
Organic Compounds in Soil	RSSL Concentrations	Units												
TPH-TVPH (Gasoline Range Organics-C6-C10)	500	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
TPH-TEPH (Diesel Range Organics-C10-C28)		mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
TPH-ORO (Oil Range Organics-C28-C40)		mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total TPH (GRO+DRO+ORO)		mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Benzene	1.2	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Toluene	490	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Ethylbenzene	5.8	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes (total)	58	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2,4-Trimethylbenzene	30	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,3,5-Trimethylbenzene	27	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Acenaphthene	360	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Anthracene	1800	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Benzo(A)anthracene	1.1	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Benzo(B)fluoranthene	1.1	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Benzo(K)fluoranthene	11	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Benzo(A)pyrene	0.11	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chrysene	110	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Dibenzo(A,H)anthracene	0.11	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Fluoranthene	240	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Fluorene	240	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Indeno(1,2,3,C,D)pyrene	1.1	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1-Methylnaphthalene	18	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2-Methylnaphthalene	24	mg/kg	NA	NA	0.002	ND	ND	ND	ND	ND	ND	ND	ND	
Naphthalene	2	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Pyrene	180	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
<b>Soil Suitability for Reclamation</b>														
Electrical Conductivity (EC)	<4 mmhos/cm	mmhos/cm	0.194	0.507	0.362	0.818	0.417	0.776	2.510	0.463	0.309	0.564	1.970	0.235
Sodium Adsorption Ratio (SAR)	< 6	ratio	6.81	6.73	2.73	0.475	0.241	8.97	3.79	0.605	0.383	0.603	9.07	0.242
pH	6.0-8.3	su	7.88	8.71	8.31	7.74	7.51	8.4	7.84	7.89	7.96	8.05	8.14	8.48
Boron (Hot Water Soluble)	2	mg/l	0.136	ND	ND	0.657	0.241	ND	ND	0.399	0.375	0.204	1.51	ND
<b>Metals in Soils</b>														
Arsenic	0.68	mg/kg	4.09	0.686	1.66	3.56	3.78	0.797	0.657	3.73	3.87	3.53	2.63	0.577
Barium	15,000	mg/kg	NA	NA	114	186	193	61.7	46.8	223	209	182	802	37.5
Cadmium	71	mg/kg	NA	NA	0.11	0.23	0.266	ND	ND	0.247	0.241	0.286	0.202	ND
Chromium (Hexavalent)	0.3	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper	3,100	mg/kg	NA	NA	11.9	21.7	23.6	ND	ND	23.5	21	24.3	17.6	ND
Lead	400	mg/kg	NA	NA	ND	9.04	10.40	ND	ND	10.20	10.00	9.92	ND	ND
Nickel	1,500	mg/kg	NA	NA	13.2	16.00	18.40	ND	10.30	17.50	18.40	20.70	15.10	ND
Selenium	390	mg/kg	NA	NA	0.0989	0.277	0.285	ND	ND	0.304	0.289	0.327	0.201	ND
Silver	390	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	23,000	mg/kg	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
<b>Notes:</b>			Sample concentrations in red font exceed Table 915-1 standards				TPH - Total Petroleum Hydrocarbons							
Exceedance - Further Excavated, Resampled			mg/kg - milligrams per kilogram				SAR - Sodium Adsorption Ratio							
Pass due to background pH and/or SAR			mmhos/cm - millimhos per centimeter				NA - Not Analyzed							
Resample Confirmation							BGS - Below Ground Surface							
Resample Confirmation and pass due to background pH and/or SAR exceedance														

Table 915-1			Fulcrum Energy Operating - Surprise Damfino S6 Attachment D - Soil Sample Analytical Summary												
			Background Samples - 4/27/2023			Confirmation Samples - 8/10/2023				Confirmation Samples - 8/15/2023			Confirmation Samples - 8/23/2023		
			Sample ID	BG_Damfino_02 @5'	BG_Damfino_03 @5'	SD 20 @ 48"	SD WH1 E @ 48"	SD 7-1 @ 108"	SD 7-1 @ 120"	SD 10 @ 36"	SD 12 @ 48"	SDSP1 @ 48"	SD_WH4_S @ 60"	SD_WH5_SW @ 60"	SD 11 @ 36"
Contaminant of Concern	Depth - BGS (inches)	60	60	48"	48"	108"	120"	36"	48"	48"	60"	60"	36"	60"	
Organic Compounds in Soil	RSSL Concentrations	Units													
TPH-TVPH (Gasoline Range Organics-C6-C10)	500	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	
TPH-TEPH (Diesel Range Organics-C10-C28)		mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	27.2	ND	ND	ND
TPH-ORO (Oil Range Organics-C28-C40)		mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
Total TPH (GRO+DRO+ORO)		mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	27.2	ND	ND	ND
Benzene	1.2	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
Toluene	490	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5.8	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
Xylenes (total)	58	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	30	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	27	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	360	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
Anthracene	1800	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
Benzo(A)anthracene	1.1	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
Benzo(B)fluoranthene	1.1	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
Benzo(K)fluoranthene	11	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
Benzo(A)pyrene	0.11	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	0.025	ND	ND	ND
Chrysene	110	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
Dibenzo(A,H)anthracene	0.11	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	240	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
Fluorene	240	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	0.02	ND	ND	ND
Indeno(1,2,3,C,D)pyrene	1.1	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
1-Methylnaphthalene	18	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	0.006	ND	ND	ND
2-Methylnaphthalene	24	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	0.014	ND	ND	ND
Naphthalene	2	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	0.003	ND	ND	ND
Pyrene	180	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
Soil Suitability for Reclamation															
Electrical Conductivity (EC)	<4 mmhos/cm	mmhos/cm	0.194	0.507	1.1	0.404	1.870	0.181	2.77	4.360	0.960	0.962	4.450	1.140	2.310
Sodium Adsorption Ratio (SAR)	< 6	ratio	6.81	6.73	2.01	1.1	7.85	3.77	0.325	1.09	2.46	4.94	0.933	1.64	0.524
pH	6.0-8.3	su	7.88	8.71	8.09	8.14	8.17	8.32	7.47	6.95	8.18	7.74	7.35	7.9	7.74
Boron (Hot Water Soluble)	2	mg/l	0.136	ND	0.177	0.14	0.133	ND	0.103	ND	0.419	0.272	ND	0.18	ND
Metals in Soils															
Arsenic	0.68	mg/kg	4.09	0.686	NA	NA	NA	NA	1.25	2.03	2.67	2	1.19	1.33	1.52
Barium	15,000	mg/kg	NA	NA	NA	NA	NA	NA	82.4	153	174	247	116	117	151
Cadmium	71	mg/kg	NA	NA	NA	NA	NA	NA	0.0909	0.149	0.321	0.185	ND	0.0989	0.129
Chromium (Hexavalent)	0.3	mg/kg	NA	NA	NA	NA	NA	NA	0.244	ND	ND	ND	ND	ND	ND
Copper	3,100	mg/kg	NA	NA	NA	NA	NA	NA	18.1	25.5	23.9	21.3	22.1	19.9	21.8
Lead	400	mg/kg	NA	NA	NA	NA	NA	NA	ND	10.6	13.6	10.30	10.20	10.60	10.40
Nickel	1,500	mg/kg	NA	NA	NA	NA	NA	NA	18.3	22.9	16.8	19.60	24.10	19.80	23.70
Selenium	390	mg/kg	NA	NA	NA	NA	NA	NA	0.16	0.257	0.422	0.259	0.331	0.203	0.238
Silver	390	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
Zinc	23,000	mg/kg	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
Notes:			Sample concentrations in red font exceed Table 915-1 standards				TPH - Total Petroleum Hydrocarbons								
Pass due to background pH and/or SAR			mg/kg - milligrams per kilogram				SAR - Sodium Adsorption Ratio								
Resample Confirmation			mmhos/cm - millimhos per centimeter				NA - Not Analyzed								
Resample Confirmation and pass due to background pH and/or SAR exceedance							BGS - Below Ground Surface								
Slightly elevated EC impacts left in place															