

Soil Screening and Remediation Limits			Organic Compounds (mg/kg [ppm])																			
COGCC Table 915-1 Residential -->		NA	500	NA	NA	NA	1.2	490	5.8	58	30	27	360	1800	1.1	0.11	1.1	11	110	0.11	240	240
Sample Date	Sample ID	PID (ppm)	TPH (total volatile and extractable petroleum hydrocarbons) (GRO+DRO+ORO)	TPH-GRO (C6-C10) Low Fraction	TPH-DRO (C10-C28) High Fraction	TPH-ORO (C28-C36) High Fraction	Benzene	Toluene	Ethylbenzene	Xylenes - total (sum of o-, m-, p- isomers)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Acenaphthene	Anthracene	Benzo(A)anthracene	Benzo(A)pyrene	Benzo(B)fluoranthene	Benzo(K)fluoranthene	Chrysene	Dibenzo(A,H)anthracene	Fluoranthene	Fluorene
5/10/2022	220510-PRFCIW-PUMPSW6	40	69.3	0.791	41.6	26.9	<0.00100	<0.00500	<0.00250	0.00178	<0.00500	0.0079	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	0.00262
5/10/2022	220510-PRFCIW-PUMPSW12	0.8	20.2	0.12	6.34	13.7	<0.00100	<0.00500	<0.00250	0.00124	<0.00500	0.00752	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
5/10/2022	220510-PRFCIW-PORE12	28.7	60.2	1.8	31.9	26.5	<0.00100	<0.00500	<0.00250	0.0143	0.00528	0.0234	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
5/10/2022	220510-PRFCIW-PORE36	1470	1743	1400	282	61.2	0.0123	0.0705	1.23	21.3	6.02	5.85	0.00424	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	0.00897
5/10/2022	220510-PRFCIW-GENE18	397.6	4414	495	3900	18.6	0.0054	0.0194	1.45	5.03	11.3	2.6	0.24	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	0.383
5/10/2022	220510-PRFCIW-GENE36	438.9	2855	485	2370	<40.0	0.00455	0.0123	1.82	5.2	12.4	2.88	0.266	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	0.403
5/10/2022	220510-PRFCIW-NSTAIN12	138.7	339	5.68	227	106	<0.00100	<0.00100	0.00085	0.00376	0.00478	0.114	0.0128	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	0.003	<0.00600	0.00282	0.0505
5/10/2022	220510-PRFCIW-NESTAIN12	88.8	3392	1.51	2340	1050	0.00065	0.00455	0.00657	0.216	0.295	0.153	0.0748	<0.00600	<0.00600	<0.00600	0.00459	0.00408	0.0185	<0.00600	0.0204	0.401

Soil Screening and Remediation Limits							Soil Suitability for Reclamation				Metals (mg/kg [ppm])									
COGCC Table 915-1 Residential -->		1.1	18	24	2	180	4	6	6-8.3	2	0.68	15000	71	0.3	3100	400	1500	390	390	23000
Sample Date	Sample ID	Indeno(1,2,3-C,D)pyrene	1- Methylinaphthalene	2- Methylinaphthalene	Naphthalene	Pyrene	EC (Specific Conductance) (millimhos/centimeter) (by saturated paste method)	SAR (Sodium Adsorption Ratio) (calculation) (by saturated paste method)	pH (pH Units) (by saturated paste method)	Boron - Hot Water Soluble (mg/L)	Arsenic	Barium	Cadmium (mg/kg)	Chromium (VI)	Copper	Lead	Nickel	Selenium	Silver	Zinc
5/10/2022	220510-PRFCIW-PUMPSW6	<0.00600	<0.0200	<0.0200	<0.0200	<0.00600	1.300	2.02	8.84	0.138	5.45	105	0.281	0.261	14.6	8.62	12.9	<2.00	<1.00	43.9
5/10/2022	220510-PRFCIW-PUMPSW12	<0.00600	<0.0200	<0.0200	<0.0200	<0.00600	1.560	12.4	8.85	0.812	5.92	132	0.289	<0.255	15.3	8.65	15.5	<2.00	<1.00	44.4
5/10/2022	220510-PRFCIW-PORE12	<0.00600	<0.0200	<0.0200	<0.0200	<0.00600	1.060	4.63	8.45	0.903	4.46	95.8	0.261	0.3	17.5	6.94	22.5	<2.00	<1.00	40.2
5/10/2022	220510-PRFCIW-PORE36	<0.00600	0.0719	0.205	0.105	<0.00600	2.810	17.6	7.77	1.040	5.15	95.3	0.285	<1.00	14.3	8.26	12.2	<2.00	<1.00	44.7
5/10/2022	220510-PRFCIW-GENE18	<0.00600	2.8	3.19	1.74	0.116	0.955	1.14	7.38	0.573	4.52	80.6	0.289	<1.00	15	10.7	11.6	<2.00	<1.00	44.3
5/10/2022	220510-PRFCIW-GENE36	<0.00600	2.34	2.76	1.54	0.142	0.443	3.46	7.67	0.647	7.12	114	0.388	<1.00	21.2	10.7	16.2	<2.00	<1.00	57.8
5/10/2022	220510-PRFCIW-NSTAIN12	<0.00600	0.178	0.00555	0.00902	0.00317	1.390	0.871	7.69	0.423	7.85	114	0.308	<1.00	18.3	11	18.8	0.838	<1.00	53.1
5/10/2022	220510-PRFCIW-NESTAIN12	<0.00600	1.35	1.72	0.277	0.0154	0.729	8.25	8.38	0.696	6.44	193	0.323	<1.00	15.3	10.2	18	<2.00	<1.00	46.1