

CAERUS OPERATING LLC  
C28MF PIT REMEDIATION PROJECT  
SOIL ANALYTICAL RESULTS  
GARFIELD COUNTY, COLORADO

PROTECTION OF GROUNDWATER SOIL SCREENING LEVEL CONCENTRATION (mg/kg)				Soil Suitability for Reclamation						Metals in Soil											
RESIDENTIAL SOIL SCREENING LEVEL CONCENTRATION (mg/kg)				<4.0	<6	6 - 8.3	2 mg/L	0.29	82	0.38	0.0007	46	14	26	0.26	0.8	370				
Location	Sample Date	Sample Matrix	Matrix Notes	Electrical Conductivity (EC) (by saturated paste method)	Sodium Adsorption Ratio (SAR) (by saturated paste method)	pH (by saturated paste method)	Boron (hot water soluble soil extract)	0.68	15000	71	0.3	3100	400	1500	390	390	23000				
				mmhos/cm			μg/g	As	Ba	Cd	Cr (III)	Cr (VI)	Cu	Pb	Hg	Ni	Se	Ag			
G17 699 Texaco Fee 6214	08/08/21	Background	20210608-TEXACOFEE-6214-BKGND-1 (12-18)	0.244	0.153	8.5	0.463	7.22													
G17 699 Texaco Fee 6214	08/08/21	Background	20210608-TEXACOFEE-6214-BKGND-1 (12")	0.198	0.0811	8.43	0.315	10.5													
G17 699 Texaco Fee 6214	10/08/21	Background	20211008-TEXACOFEE-6214-BG4(13")	0.219	0.192	8.61		7.37													
G17 699 Texaco Fee 6214	10/08/21	Background	20211008-TEXACOFEE-6214-BG3(12-16")	0.243	0.17	8.18		20.1													
G17 699 Texaco Fee 6214	10/08/21	Background	20211008-TEXACOFEE-6214 BG3(12-16")					9.99													
G17 699 Texaco Fee 6214	10/08/21	Background	20211008-TEXACOFEE-6214 BG3(12-16")					10.2													
G17 699 Texaco Fee 6214	10/08/21	Background	20211008-TEXACOFEE-6214 BG3(12-16")					10.3													
G17 699 Texaco Fee 6214	10/08/21	Background	20211008-TEXACOFEE-6214 BG3(12-16")					12.7													
G17 699 Texaco Fee 6214	10/28/21	Background	20211028-TEXACOFEE-6214 BG5(2-3)	0.233	0.248	8.33		8.09													
G17 699 Texaco Fee 6214	10/28/21	Background	20211028-TEXACOFEE-6214 BG6(2-3)	0.209	0.1	8.3		7.89													
G17 699 Texaco Fee 6214	06/07/21	Spill	20210617-TEXACOFEE-6214-SB5 (35-37)	0.87	3.13	8.46	0.21	5.9	315	0.531	<1.00	14.4	6.45	12.1	1.9	<1.00	37.9				
G17 699 Texaco Fee 6214	06/07/21	Spill	20210617-TEXACOFEE-6214-SB5 (15-17)	0.259	3.26	8.95	0.342	8.1	316	0.272	<1.00	13.4	7.52	17.2	1.06	<1.00	40.0				
G17 699 Texaco Fee 6214	06/07/21	Spill	20210617-TEXACOFEE-6214-SB5 (20-22)	0.341	5.68	9.25	0.303	8.33	306	0.317	<1.00	13.2	6.1	12.8	0.853	<1.00	37.0				
G17 699 Texaco Fee 6214	06/07/21	Spill	20210617-TEXACOFEE-6214-SB5 (10-12)	0.301	1.41	9.16	0.313	8.48	287	0.312	<1.00	13.4	7.54	13.3	20	<1.00	36.9				
G17 699 Texaco Fee 6214	06/07/21	Spill	20210617-TEXACOFEE-6214-SB5 (25-27)	0.858	2.02	8.47	0.258	9	311	0.323	<1.00	14	7.42	12.9	1.93	<1.00	37.2				
G17 699 Texaco Fee 6214	06/07/21	Spill	20210617-TEXACOFEE-6214-SB5 (30-32)	1	2.27	8.35	0.286	9.38	323	0.327	<1.00	16.2	7.28	16	2.33	<1.00	50.8				
G17 699 Texaco Fee 6214	06/07/21	Spill	20210617-TEXACOFEE-6214-SB5 (5-7)	0.274	2.46	9.26	0.395	11.7	249	0.293	<1.00	11.3	7.48	17.2	2.07	<1.00	47.2				
G17 699 Texaco Fee 6214	06/08/21	Spill	20210608-TEXACOFEE-6214-SB1 (30-32)	2.9	6.26	8.12	0.272	3.16	245	<0.500	<1.00	7.17	2.78	7.18	<2.00	<1.00	20.7				
G17 699 Texaco Fee 6214	06/08/21	Spill	20210608-TEXACOFEE-6214-SCREEN-POR (0-6)	1.97	15.6	8.14	0.457	4.28	1400	<0.500	<1.00	9.64	16.8	9.99	<2.00	<1.00	59.6				
G17 699 Texaco Fee 6214	06/08/21	Spill	20210608-TEXACOFEE-6214-SB1 (25-27)	2.66	4.84	7.95	0.249	4.37	240	<0.500	<1.00	7.95	3.95	8.12	<2.00	<1.00	22.4				
G17 699 Texaco Fee 6214	06/08/21	Spill	20210608-TEXACOFEE-6214-SB1 (15-17)	0.761	5.74	8.63	0.268	6.12	247	<0.500	<1.00	7.92	4.66	9.24	<2.00	<1.00	28.0				
G17 699 Texaco Fee 6214	06/08/21	Spill	20210608-TEXACOFEE-6214-SB1 (35-37)	3.05	6.8	8.19	0.3	7.24	188	<0.500	<1.00	11.2	4.73	11.6	<2.00	<1.00	32.3				
G17 699 Texaco Fee 6214	06/08/21	Spill	20210608-TEXACOFEE-6214-SB1 (10-12)	0.555	7.11	9.14	0.295	7.75	197	<0.500	<1.00	15.7	6.68	14.1	<2.00	<1.00	40.5				
G17 699 Texaco Fee 6214	06/08/21	Spill	20210608-TEXACOFEE-6214-SB1 (40-42)	2.52	6.43	8.25	0.289	8.05	192	<0.500	<1.00	11.9	4.83	12.9	<2.00	<1.00	33.9				
G17 699 Texaco Fee 6214	06/08/21	Spill	20210608-TEXACOFEE-6214-SB1 (20-22)	2.41	6.04	8.27	0.244	8.34	196	<0.500	<1.00	8.74	4.49	10.8	<2.00	<1.00	30.5				
G17 699 Texaco Fee 6214	06/08/21	Spill	20210608-TEXACOFEE-6214-SB1 (45-47)	1.62	4.91	8.32	0.268	8.98	230	<0.500	<1.00	12.2	5.32	11.8	<2.00	<1.00	34.3				
G17 699 Texaco Fee 6214	06/08/21	Spill	20210608-TEXACOFEE-6214-SB1 (5-7)	0.494	2.72	7.95	0.633	9.7	232	<0.500	<1.00	11.1	4.85	13.6	<2.00	<1.00	36.3				
G17 699 Texaco Fee 6214	06/09/21	Spill	20210609-TEXACOFEE-6214-SB2 (25-27)	1.56	1.78	8.17	0.362	6.51	243	0.383	<1.00	10.7	6.14	10.8	2.62	<1.00	32.5				
G17 699 Texaco Fee 6214	06/09/21	Spill	20210609-TEXACOFEE-6214-SB2 (15-17)	0.92	1.57	8.89	0.299	7	242	0.277	<1.00	10.3	6.58	10.7	1.85	<1.00	28.4				
G17 699 Texaco Fee 6214	06/09/21	Spill	20210609-TEXACOFEE-6214-SB2 (40-42)	1.21	2.74	8.3	0.201	7.1	308	0.468	<1.00	14.7	7.9	15	2.94	<1.00	45.7				
G17 699 Texaco Fee 6214	06/09/21	Spill	20210609-TEXACOFEE-6214-SB2 (5-7)	1.12	10.7	8.33	0.858	7.81	285	0.393	<1.00	13.1	7.29	12.9	2.23	<1.00	38.1				
G17 699 Texaco Fee 6214	06/09/21	Spill	20210609-TEXACOFEE-6214-SB2 (20-22)	0.843	2.08	9.01	0.298	8.88	277	0.513	<1.00	14.9	8.46	15.4	2.27	<1.00	42.6				
G17 699 Texaco Fee 6214	06/09/21	Spill	20210609-TEXACOFEE-6214-SB2 (35-37)	2.46	1.59	8.01	0.24	9.32	251	0.383	<1.00	14	7.22	14.1	1.61	<1.00	41.8				
G17 699 Texaco Fee 6214	06/09/21	Spill	20210609-TEXACOFEE-6214-SB2 (30-32)	1.51	1.79	8.16	0.253	9.69	286	0.498	<1.00	16.5	8.32	15.4	2.24	<1.00	45.7				
G17 699 Texaco Fee 6214	06/09/21	Spill	20210609-TEXACOFEE-6214-SB2 (10-12)	0.879	9.86	8.93	0.718	10.2	249	0.423	<1.00	17.3	9.22	15.9	2.06	<1.00	44.2				
G17 699 Texaco Fee 6214	08/10/21	Spill	20210610-TEXACOFEE-6214-SB3 (5-7)	0.489	1.94	9.23	0.58	5.49	299	<0.500	<1.00	12.6	7.06	15.1	<2.00	<1.00	46.7				
G17 699 Texaco Fee 6214	08/10/21	Spill	20210610-TEXACOFEE-6214-SB3 (10-12)	0.461	3.11	9.48	0.3	7.03	332	<0.500	<1.00	12.5	6.69	16.4	<2.00	<1.00	44.9				
G17 699 Texaco Fee 6214	08/10/21	Spill	20210610-TEXACOFEE-6214-SB3 (50-52)	1.19	3.64	8.25	0.205	8.7	373	<0.500	<1.00	17	7.77	16.6	<2.00	<1.00	50.1				
G17 699 Texaco Fee 6214	08/10/21	Spill	20210610-TEXACOFEE-6214-SB3 (52-54)	1.44	4.03	8.61	<0.200	9.17	310	<0.500	<1.00	13.3	8.98	18.1	<2.00	<1.00	47.4				
G17 699 Texaco Fee 6214	08/10/21	Spill	20210610-TEXACOFEE-6214-SB3 (20-22)	0.655	6.53	8.63	0.254	10.1	311	<0.500	<1.00	26	9.42	20	<2.00	<1.00	54.6				
G17 699 Texaco Fee 6214	06/10/21	Spill	20210610-TEXACOFEE-6214-SB3 (35-37)	1.58	5.01	8.33	<0.200	10.7	333	<0.500	<1.00	19.1	8.83	19.4	<2.00	<1.00	51.3				
G17 699 Texaco Fee 6214	06/10/21	Spill	20210610-TEXACOFEE-6214-SB3 (45-47)	4.08	2.69	8	<0.200	10.8	379	<0.500	<1.00	13.6	8.26	16.4	<2.00	<1.00	48.3				
G17 699 Texaco Fee 6214	06/10/21	Spill	20210610-TEXACOFEE-6214-SB3 (59-60.5)	3.46	2.65	7.96	<0.200	10.8	319	<0.500	<1.00	18.7	9.92	19.9	<2.00	<1.00	54.0				
G17 699 Texaco Fee 6214	06/10/21	Spill	20210610-TEXACOFEE-6214-SB3 (40-42)	1.16	2.85	8.05	0.205	11	257	0.536	<1.00	17.2	9.95	19.9	<2.00	<1.00	63.7				
G17 699 Texaco Fee 6214	06/10/21	Spill	20210610-TEXACOFEE-6214-SB3 (25-27)	1.58	7.09	8.36	0.231	12.9	235	<0.500	<1.00	15.6	6.84	19	<2.00	<1.00	53.3				
G17 699 Texaco Fee 6214	06/10/21	Spill	20210610-TEXACOFEE-6214-SB3 (30-32)	3.42	5.1	8.27	0.244	13.2	370	0.578	<1.00	19	9.43	20.4	<2.00	<1.00	64.5				
G17 699 Texaco Fee 6214	06/10/21	Spill	20210610-TEXACOFEE-6214-SB3 (15-17)	0.473	5.22	9.27	0.287	18.2	274	<0.500	<1.00	16.7	10.3	22.3	<2.00	<1.00	54.9				
G17 699 Texaco Fee 6214	06/16/21	Spill	20210616-TEXACOFEE-6214-SB4 (25-27)	2.92	3.07	8.15	0.262	8.01	268	0.4	<1.00	16.7	7.09	16.4	<2.00	<1.00	45.8				
G17 699 Texaco Fee 6214	06/16/21	Spill	20210616-TEXACOFEE-6214-SB4 (15-17)	2.43	9.25	8.65	0.32	8.04	273	0.284	<1.00	13.8	11.8	14	<2.00	<1.00	41.9				
G17 699 Texaco Fee 6214	06/16/21	Spill	20210616-TEXACOFEE-6214-SB4 (5-7)	2.01	3.18	8.72	0.336	8.54	336	0.364	<1.00	10.2	7.58	13.5	<2.00	<1.00	47.7				
G17 699 Texaco Fee 6214	06/16/21	Spill	20210616-TEXACOFEE-6214-SB4 (55-57)	1.62	2.52	8.37	0.139	8.66	382	0.314	<1.00	10.5	7.05	17.6	<2.00	<1.00	43.7				
G17 699 Texaco Fee 6214	06/16/21	Spill	20210616-TEXACOFEE-6214-SB4 (30-32)	2.61	3.39	8.15	0.211	8.87	293	0.397	<1.00	16	8								