

TABLE 2  
SOIL ANALYTICAL RESULTS SUMMARY  
UPRR 1-1  
DECOMMISSION ASSESSMENT  
38.689281, -102.408843  
SW1/4 SE1/4 SEC.1 T16S R45W 6PM  
CHEYENNE COUNTY, COLORADO  
API 05-017-06031  
REMEDIAION # 32761

Sample Location (Latitude, Longitude)	Date	Approximate Depth (feet)	PID Reading (ppm-v)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-RRO (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)	Boron (mg/L)	Specific Conductance (mmhos/cm)	pH (pH units)	SAR
<b>CECMC Table 915-1 Residential Soil Screening Levels</b>				1.20	490	5.8	58	500			30	27	2	<4	6-8.3	<6
<b>CECMC Table 915-1 Protection of Groundwater Soil Screening Levels</b>				0.0026	0.69	0.78	9.9	500			0.0081	0.0087	2	<4	6-8.3	<6
WH-W01 @ 6' (38.689283, -102.408856)	02/27/24	6	170.6	<0.00200	<0.00200	<0.00200	0.0298	244	5600	5790	0.0211	0.280	0.350	3.29	7.45	3.29
WH-B01 @ 7' (38.689283, -102.408836)	02/27/24	7	38.2	<0.00200	<0.00200	<0.00200	0.00228	4.57	1040	1690	<0.00200	0.0355	0.795	4.26	8.26	20.6
FL-B01 @ 5' (38.689281, -102.408816)	02/27/24	5	1.4	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.149	6.20	7.89	9.78
SEP-SS-01 @ 3' (38.689188, -102.408334)	02/20/25	3	4.2	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	791	2010	<0.00200	<0.00200	1.55	1.37	8.17	15.7
SEP-SS-02 @ 4' (38.689226, -102.408334)	02/20/25	4	0.5	<0.00200	<0.00200	<0.00200	<0.00200	3.12	4060	4180	<0.00200	<0.00200	1.04	11.3	7.66	24.4
AST01-SS-01 @ 0.5' (38.689219, -102.408029)	02/20/25	0.5	265.0	<0.00200	0.00498	0.0601	2.57	<0.200	16100	14600	3.74	0.360	0.408	16.1	2.88	35.0
AST02-SS-01 @ 0.5' (38.689226, -102.407976)	02/20/25	0.5	0.1	<0.00200	<0.00200	<0.00200	<0.00200	0.280	907	2530	<0.00200	<0.00200	<1.01	0.847	5.19	42.4
<b>Background</b>																
BG-02 @ 3' (38.689757, -102.408781)	01/04/24	3	0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.298	0.304	8.37	0.637
BG-02 @ 6' (38.689757, -102.408781)	01/04/24	6	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.267	0.357	8.46	1.76
BG-02 @ 9' (38.689757, -102.408781)	01/04/24	9	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.295	0.281	8.45	0.665
BG-01 @ 0.5' (38.689150, -102.409429)	02/20/25	0.5	0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.356	0.273	8.15	0.175
BG-01 @ 4' (38.689150, -102.409429)	02/20/25	4	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.128	0.300	8.32	0.742
BG-03 @ 0.5' (38.689864, -102.408203)	02/20/25	0.5	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.331	0.386	8.16	0.681
BG-03 @ 4' (38.689864, -102.408203)	02/20/25	4	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.285	0.336	8.42	0.388
BG-04 @ 0.5' (38.689285, -102.407488)	02/20/25	0.5	0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.320	0.393	8.18	0.719
BG-04 @ 4' (38.689285, -102.407488)	02/20/25	4	0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.284	0.348	8.35	0.381

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BG-05 @ 0.5' (38.688515, -102.408137)	02/20/25	0.5	0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.357	0.277	8.23	0.164
BG-05 @ 4' (38.688515, -102.408137)	02/20/25	4	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.139	0.307	<b>8.40</b>	0.805
CECMC = Colorado Energy & Carbon Management Commission				mg/kg = milligrams per kilogram				mg/L = milligrams per liter				mmhos/cm = millimhos per centimeter				
SAR = Sodium Adsorption Ratio				PID = Photoionization Detector				ppm-v = parts per million by volume				NA = Not Analyzed				
TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics				1,2,4-TMB = 1,2,4-Trimethylbenzene												
TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics				1,3,5-TMB = 1,3,5-Trimethylbenzene												
TPH-RRO = Total Petroleum Hydrocarbons - Residual Range Organics																
Values presented with a less than symbol (<) did not contain concentrations at or above the laboratory reporting limit.																
Values presented in <b>BOLD</b> contained concentrations exceeding CECMC Table 915-1 Protection of Groundwater Soil Screening Level limits but within Background results.																
Values presented in <b>BOLD</b> contained concentrations exceeding CECMC Table 915-1 Protection of Groundwater Soil Screening Level limits and Background results where applicable.																
Background samples collected on 1/4/24 are from remediation project number 22996 at the same location.																