

Table 2
Wilson Creek Unit 2
Local Background Analytical Summary
Chevron Environmental Management Company
Rio Blanco County, Colorado

LABORATORY DATA SUMMARY							
Sample ID	UNIT 2 BG1	UNIT 2 BG1	UNIT 2 BG1	UNIT 2 BG1	CECMC TABLE 915-1 CLEANUP CONCENTRATIONS		
Depth	5'	8'	11'	13'			
Sample Type	Site Background	Site Background	Site Background	Site Background			
Sample Date	9/11/2024	9/11/2024	9/11/2024	9/11/2024			
Analytical Parameters					Residential Soil Screening Level	Protection of Groundwater Screening Level	UNITS
TPH							
C6-C10 Gasoline Range	NT	NT	NT	NT	500		mg/kg
C10-C28 Diesel Range	NT	NT	NT	NT			
C28-C36 Motor Oil Range	NT	NT	NT	NT			
Total TPH Combined	NT	NT	NT	NT			
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	NT	NT	NT	NT	30	0.0081	mg/kg
1,3,5-Trimethylbenzene	NT	NT	NT	NT	27	0.0087	mg/kg
Benzene	NT	NT	NT	NT	1.2	0.0026	mg/kg
Toluene	NT	NT	NT	NT	490	0.69	mg/kg
Ethylbenzene	NT	NT	NT	NT	5.8	0.78	mg/kg
Total Xylene	NT	NT	NT	NT	58	9.9	mg/kg
Metals							
Arsenic	3.79	2.71	3.01	3.01	0.68	0.29	mg/kg
Barium	74.7	75.6	62.2	47.8	15,000	82	mg/kg
Cadmium	<1.00	<1.00	<1.00	<1.00	71	0.38	mg/kg
Chromium, Hexavalent	<1.00	<1.00	<1.00	<1.00	0.3	0.00067	mg/kg
Copper	13.1	12	11.5	13	3,100	46	mg/kg
Lead	13.6	13.2	12.1	15.5	400	14	mg/kg
Nickel	11.60	10.7	9.7	11.5	1,500	26	mg/kg
Selenium	<2.50	<2.50	<2.50	<2.50	390	0.26	mg/kg
Silver	<0.500	<0.500	<0.500	<0.500	390	0.8	mg/kg
Zinc	48.8	45.9	42.8	52.6	23,000	370	mg/kg
Soil Suitability for Reclamation							
Sodium Adsorption Ratio (SAR)	0.335	0.368	0.317	0.514	<6	<6	ratio
Electrical Conductivity (EC)	0.234	0.263	0.265	0.393	<4	<4	mmhos/cm
pH	8.12	8.18	8.07	8.28	6 - 8.3	6 - 8.3	su
Boron, Hot Water Soluble	<0.200	0.216	0.211	<0.200	2	2	mg/kg
Polynuclear Aromatic Hydrocarbons							
1-Methylnaphthalene	NT	NT	NT	NT	18	0.006	mg/kg
2-Methylnaphthalene	NT	NT	NT	NT	24	0.019	mg/kg
Acenaphthene	NT	NT	NT	NT	360	0.55	mg/kg
Anthracene	NT	NT	NT	NT	1,800	5.8	mg/kg
Benzo(a)anthracene	NT	NT	NT	NT	1.1	0.011	mg/kg
Benzo(a)pyrene	NT	NT	NT	NT	0.11	0.24	mg/kg
Benzo(b)fluoranthene	NT	NT	NT	NT	1.1	0.3	mg/kg
Benzo(k)fluoranthene	NT	NT	NT	NT	11	2.9	mg/kg
Chrysene	NT	NT	NT	NT	110	9	mg/kg
Dibenzo(a,h)anthracene	NT	NT	NT	NT	0.11	0.096	mg/kg
Fluoranthene	NT	NT	NT	NT	240	8.9	mg/kg
Fluorene	NT	NT	NT	NT	240	0.54	mg/kg
Indeno(1,2,3-cd)pyrene	NT	NT	NT	NT	1.1	0.98	mg/kg
Naphthalene	NT	NT	NT	NT	2	0.0038	mg/kg
Pyrene	NT	NT	NT	NT	180	1.3	mg/kg

Notes:
mg/kg - milligrams per kilogram
mmhos/cm - millimhos per centimeter
su - standard units
NT - parameter was not tested

Over CECMC Table 915-1 concentration levels but under BACKGROUND level.
Over CECMC Table 915-1 concentration levels and not within BACKGROUND level.
Over CECMC Table 915-1 concentration levels