

TABLE 4
METALS ANALYTICAL RESULTS SUMMARY
WAAG 6, 7, 8, 9, 10, 11, 12
DECOMMISSION ASSESSMENT
40.561670, -104.706960
SE1/4 NW1/4 SEC.19 T7N R65W 6PM
WELD COUNTY, COLORADO
REMEDATION # 34906

Sample Location (Latitude/Longitude)	Date	Approximate Depth	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Hexavalent Chromium (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
CECMC Table 915-1 Residential Soil Screening Levels			0.68**	15,000	71	0.3*	3,100	400	1,500	390	390	23,000
CECMC Table 915-1 Protection of Groundwater Soil Screening Levels			0.29**	82	0.38	0.00067*	46	14	26	0.26	0.8	370
Local Cleanup Level			10.46**	-	-	-	-	-	-	-	-	-
WH01-FS-01 @ 6.5' (40.561524, -104.706969)	06/19/24	6.5'	3.76**	959	0.166	0.172*	11.7	8.08	8.13	<0.229	<0.0881	47.3
WH02-FS-01 @ 6.5' (40.561455, -104.706976)	06/19/24	6.5'	3.16**	3950	0.164	0.179*	15.0	8.19	8.01	<0.256	<0.0985	89.0
WH03-FS-01 @ 6.5' (40.561379, -104.706974)	06/19/24	6.5'	3.64**	368	0.749	0.271*	<9.57	9.51	8.67	<0.249	<0.0957	52.3
WH04-FS-01 @ 6.5' (40.561303, -104.706975)	06/19/24	6.5'	3.38**	645	0.129	0.104*	9.43	6.59	6.22	<0.239	<0.0918	47.3
WH05-FS-01 @ 6.5' (40.561223, -104.706980)	06/19/24	6.5'	2.86**	888	0.109	<0.127*	<9.18	5.38	5.71	<0.239	<0.0918	<34.0
Background												
BG-01 @ 0.5' (40.561649, -104.707208)	06/19/24	0.5'	6.40**	326	0.298	<0.131*	14.6	11.5	12.4	<0.231	<0.0890	57.9
BG-01 @ 4' (40.561649, -104.707208)	06/19/24	4'	3.65**	306	0.147	0.296*	<9.41	8.60	7.58	<0.245	<0.0941	<34.8
BG-01 @ 6.5' (40.561649, -104.707208)	06/19/24	6.5'	4.71**	276	0.252	0.321*	14.1	15.0	13.0	<0.225	<0.0867	57.9
BG-02 @ 0.5' (40.560602, -104.706625)	06/19/24	0.5'	6.00**	336	0.302	<0.106*	13.6	11.2	11.8	<0.242	<0.0932	55.1
BG-02 @ 4' (40.560602, -104.706625)	06/19/24	4'	3.83**	332	0.160	0.296*	<9.57	7.59	7.62	<0.249	<0.0957	<35.4
BG-02 @ 6.5' (40.560602, -104.706625)	06/19/24	6.5'	4.71**	182	0.274	0.397*	14.3	14.5	12.9	<0.233	<0.0898	58.5
BG-01 @ 0.5' (40.567463, -104.707821)	06/19/24	0.5'	8.37**	208	0.434	<0.110*	19.6	14.9	16.9	0.318	<0.0982	79.7
BG-01 @ 4' (40.567463, -104.707821)	06/19/24	4'	6.71**	132	0.312	<0.169*	13.0	9.97	11.8	0.282	<0.0978	54.9
BG-01 @ 6.5' (40.567463, -104.707821)	06/19/24	6.5'	6.14**	125	0.295	0.190*	12.0	9.71	11.2	0.269	<0.0875	52.5

TABLE 4
METALS ANALYTICAL RESULTS SUMMARY
WAAG 6, 7, 8, 9, 10, 11, 12
DECOMMISSION ASSESSMENT
40.561670, -104.706960
SE1/4 NW1/4 SEC.19 T7N R65W 6PM
WELD COUNTY, COLORADO
REMEDIATION # 34906

Sample Location (Latitude/Longitude)	Date	Approximate Depth	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Hexavalent Chromium (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
<i>CECMC Table 915-1 Residential Soil Screening Levels</i>			0.68**	15,000	71	0.3*	3,100	400	1,500	390	390	23,000
<i>CECMC Table 915-1 Protection of Groundwater Soil Screening Levels</i>			0.29**	82	0.38	0.00067*	46	14	26	0.26	0.8	370
<i>Local Cleanup Level</i>			10.46**	-	-	-	-	-	-	-	-	-
<i>BG-02 @ 0.5'</i> (40.568458, -104.709029)	06/19/24	0.5'	8.50**	226	0.436	<0.133*	20.1	15.9	17.3	0.353	<0.0927	82.9
<i>BG-02 @ 4'</i> (40.568458, -104.709029)	06/19/24	4'	6.84**	132	0.307	<0.131*	12.8	10.5	12.3	0.351	<0.0943	55.4
<i>BG-02 @ 6.5'</i> (40.568458, -104.709029)	06/19/24	6.5'	7.59**	144	0.293	<0.160*	12.9	9.54	10.9	0.334	<0.0888	52.6

CECMC = Colorado Energy & Carbon Management Commission NA = Not Analyzed mg/kg = milligrams per kilogram
Values presented with a less than symbol (<) did not contain concentrations at or above the laboratory reporting limit.
Values presented in **BOLD** contained concentrations exceeding CECMC Table 915-1 Residential Soil Screening Level Limits but within Background results
Values presented in **BOLD** contained concentrations exceeding CECMC Table 915-1 Residential Soil Screening Level Limits and Background results
*Achievable practical quantitative limits for Hexavalent Chromium in soils is in the range of 0.1 to 1 mg/kg.
**Arsenic is naturally occurring in Colorado. Local Cleanup Level (10.46 mg/kg) is 1.25 x Background.
Samples in *Italics* are from related Remediation Project # 34900

