

TABLE 4  
METALS ANALYTICAL RESULTS SUMMARY  
WAAG NORTH/NENW PAD 1  
DECOMMISSION ASSESSMENT  
40.568040, -104.709500  
NE1/4 NW1/4 SEC.19 T7N R65W 6PM  
WELD COUNTY, COLORADO  
LOCATION ID 439195  
REMEDIATION # 34900

Sample Location (Latitude, Longitude)	Date	Approximate Depth (feet)	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)
<b>CECMC Table 915-1 Residential Soil Screening Levels</b>			<b>0.68**</b>	<b>15,000</b>	<b>71</b>	<b>0.3*</b>	<b>3,100</b>	<b>400</b>	<b>1,500</b>	<b>390</b>	<b>390</b>	<b>23,000</b>
<b>CECMC Table 915-1 Protection of Groundwater Soil Screening Levels</b>			<b>0.29**</b>	<b>82***</b>	<b>0.38</b>	<b>0.00067*</b>	<b>46</b>	<b>14****</b>	<b>26</b>	<b>0.26*****</b>	<b>0.8</b>	<b>370</b>
<b>Local Cleanup Level</b>			<b>10.62**</b>	<b>420***</b>	<b>-</b>	<b>0.49625*</b>	<b>-</b>	<b>19.8****</b>	<b>-</b>	<b>0.441*****</b>	<b>-</b>	<b>-</b>
AST-SS-01 @ 0.5' (40.568250, -104.708998)	03/26/25	0.5	4.18**	306***	0.121	<0.111*	<8.49	5.05	6.66	<0.221	<0.0849	<31.4
AST-SS-02 @ 0.5' (40.568227, -104.708940)	03/26/25	0.5	5.57**	827	0.156	<0.109*	9.17	5.83	7.06	<0.231	<0.0890	<32.9
AST-SS-03 @ 0.5' (40.568202, -104.708881)	03/26/25	0.5	12.1	230***	0.143	<0.135*	<9.95	16.4****	7.38	<0.259	<0.0995	<36.8
AST-SS-04 @ 0.5' (40.568177, -104.708823)	03/26/25	0.5	6.59**	220***	0.138	<0.154*	<9.28	6.24	6.37	<0.241	<0.0928	<34.3
AST-SS-05 @ 0.5' (40.568154, -104.708763)	03/26/25	0.5	4.42**	229***	0.128	<0.154*	<8.96	5.82	6.58	<0.233	<0.0896	<33.1
AST-SS-06 @ 0.5' (40.568129, -104.708706)	03/26/25	0.5	9.11**	239***	0.177	<0.109*	10.2	6.94	7.66	<0.239	<0.0919	<34.0
AST-SS-07 @ 0.5' (40.568105, -104.708648)	03/26/25	0.5	4.32**	462	0.142	<0.140*	10.4	5.44	7.00	<0.225	<0.0865	<32.0
AST-SS-08 @ 0.5' (40.568082, -104.708588)	03/26/25	0.5	4.41**	390***	0.126	<0.0953*	9.68	5.54	6.11	<0.237	<0.0910	<33.7
AST-SS-09 @ 0.5' (40.568059, -104.708531)	03/26/25	0.5	4.55**	175***	0.132	<0.119*	<9.09	5.86	6.30	<0.236	<0.0909	<33.6
AST-SS-10 @ 0.5' (40.567687, -104.708473)	03/26/25	0.5	3.62**	185***	0.106	<0.118*	<9.74	6.57	6.85	<0.253	<0.0974	<36.0
FL-SS-01 @ 4' (40.568253, -104.709204)	03/26/25	4	4.27**	553	0.166	<0.159*	<8.34	5.4	7.0	0.329*****	<0.0834	<30.9
PBV01-FS-01 @ 6' (40.568054, -104.708444)	03/26/25	6	5.73**	149***	0.148	<0.128*	<9.20	5.30	6.70	<0.239	<0.0920	<34.0
PBV02-FS-01 @ 5' (40.567780, -104.708228)	03/26/25	5	8.00**	214***	0.271	<0.143*	9.74	9.26	10.9	<0.249	<0.0959	42.7
PBV02-SS-01 @ 3' (40.567793, -104.708222)	03/26/25	3	4.95**	180***	0.192	<0.129*	<8.95	7.08	8.98	<0.233	<0.0895	45.5
PBV02-SS-02 @ 3' (40.567775, -104.708208)	03/26/25	3	5.05**	173***	0.207	<0.154*	<8.83	7.54	10.1	<0.230	<0.0883	35.6
PBV02-SS-03 @ 3' (40.567769, -104.708228)	03/26/25	3	7.42**	195***	0.205	<0.0966*	<9.75	7.95	9.98	<0.254	<0.0975	43.9
PBV02-SS-04 @ 3' (40.567779, -104.708243)	03/26/25	3	4.49**	153***	0.165	<0.123*	<9.83	6.53	8.44	<0.256	<0.0983	<36.4
PBV03-FS-01 @ 6' (40.568205, -104.709099)	03/26/25	6	7.87**	615	0.203	<0.165*	<9.65	6.09	6.94	0.283*****	<0.0965	<35.7

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NE1/4 NW1/4 SEC.19 T7N R65W 6PM  
WELD COUNTY, COLORADO  
LOCATION ID 439195  
REMEDATION # 34900

Sample Location (Latitude, Longitude)	Date	Approximate Depth (feet)	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)
<b>CECMC Table 915-1 Residential Soil Screening Levels</b>			0.68**	15,000	71	0.3*	3,100	400	1,500	390	390	23,000
<b>CECMC Table 915-1 Protection of Groundwater Soil Screening Levels</b>			0.29**	82***	0.38	0.00067*	46	14****	26	0.26*****	0.8	370
<b>Local Cleanup Level</b>			10.62**	420***	-	0.49625*	-	19.8****	-	0.441*****	-	-
PBV04-FS-01 @ 5' (40.568257, -104.709295)	03/26/25	5	5.37**	472	0.190	<0.148*	<9.64	6.43	8.19	<0.251	<0.0964	<35.7
SEP-SS-01 @ 4' (40.568115, -104.710185)	03/27/25	4	5.14**	343***	0.178	<0.08*	<9.09	7.14	6.69	<0.236	<0.0909	38.6
SEP-SS-02 @ 4' (40.568069, -104.710105)	03/27/25	4	4.96**	279***	0.115	0.18*	<9.38	5.67	6.25	<0.244	<0.0938	36.1
SEP-SS-03 @ 4' (40.568141, -104.710149)	03/27/25	4	4.61**	385***	0.128	<0.08*	<8.91	5.37	6.69	<0.232	<0.0891	<33.0
SEP-SS-04 @ 4' (40.568099, -104.710071)	03/27/25	4	3.99**	258***	0.107	<0.08*	<8.39	5.77	6.17	<0.218	<0.0839	<31.0
SEP-SS-05 @ 4' (40.568168, -104.710123)	03/27/25	4	4.77**	706	0.152	<0.08*	<9.33	5.54	6.20	<0.242	<0.0933	<34.5
SEP-SS-06 @ 4' (40.568127, -104.710037)	03/27/25	4	3.57**	272***	0.109	<0.08*	<9.64	4.96	5.75	<0.251	<0.0964	<35.7
SEP-SS-07 @ 4' (40.568198, -104.710083)	03/27/25	4	4.08**	451	0.152	<0.08*	<9.30	5.70	6.76	<0.242	<0.0930	<34.4
SEP-SS-08 @ 4' (40.568159, -104.710002)	03/27/25	4	4.56**	394***	0.133	<0.08*	<9.41	5.49	7.21	<0.245	<0.0941	<34.8
SEP-SS-09 @ 4' (40.568225, -104.710049)	03/27/25	4	4.08**	336***	0.140	<0.08*	<8.98	5.64	6.19	<0.234	<0.0898	<33.2
SEP-SS-10 @ 4' (40.568180, -104.709961)	03/27/25	4	3.22**	283***	0.114	<0.08*	<9.24	4.67	6.06	<0.240	<0.0924	<34.2
SEP-SS-11 @ 4' (40.568255, -104.710007)	03/27/25	4	3.79**	660	0.133	<0.08*	<8.83	4.74	5.90	<0.230	<0.0883	<32.7
SEP-SS-12 @ 4' (40.568212, -104.709918)	03/27/25	4	3.56**	306***	0.120	<0.08*	<8.67	4.97	6.10	<0.225	<0.0867	<32.1
SEP-SS-13 @ 4' (40.568282, -104.709974)	03/27/25	4	4.35**	363***	0.164	<0.08*	<8.69	5.87	7.14	<0.226	<0.0869	<32.1
SEP-SS-14 @ 4' (40.568239, -104.709884)	03/27/25	4	2.40**	126***	<0.0895	<0.08*	<8.95	5.51	3.89	<0.233	<0.0895	<33.1
SEP-SS-15 @ 4' (40.568311, -104.709940)	03/27/25	4	3.90**	515	0.149	<0.08*	<8.41	5.64	6.47	<0.219	<0.0841	<31.1
SEP-SS-16 @ 4' (40.568268, -104.709851)	03/27/25	4	5.65**	451	0.141	<0.08*	<9.32	5.82	6.80	<0.242	<0.0932	<34.5
SEP-SS-17 @ 4' (40.568341, -104.709903)	03/27/25	4	5.00**	470	0.137	<0.08*	<9.02	5.58	6.57	<0.234	<0.0902	<33.4

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WELD COUNTY, COLORADO  
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Sample Location (Latitude, Longitude)	Date	Approximate Depth (feet)	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)
<b>CECMC Table 915-1 Residential Soil Screening Levels</b>			<b>0.68**</b>	<b>15,000</b>	<b>71</b>	<b>0.3*</b>	<b>3,100</b>	<b>400</b>	<b>1,500</b>	<b>390</b>	<b>390</b>	<b>23,000</b>
<b>CECMC Table 915-1 Protection of Groundwater Soil Screening Levels</b>			<b>0.29**</b>	<b>82***</b>	<b>0.38</b>	<b>0.00067*</b>	<b>46</b>	<b>14****</b>	<b>26</b>	<b>0.26*****</b>	<b>0.8</b>	<b>370</b>
<b>Local Cleanup Level</b>			<b>10.62**</b>	<b>420***</b>	<b>-</b>	<b>0.49625*</b>	<b>-</b>	<b>19.8****</b>	<b>-</b>	<b>0.441*****</b>	<b>-</b>	<b>-</b>
SEP-SS-18 @ 4' (40.568296, -104.709814)	03/27/25	4	4.93**	347***	0.143	<0.08*	<9.26	6.56	6.29	<0.241	<0.0926	<34.3
SEP-SS-19 @ 4' (40.568391, -104.709828)	03/27/25	4	6.93**	490	0.163	<0.08*	<9.90	6.55	6.93	<0.257	<0.0990	<36.6
SEP-SS-20 @ 4' (40.568348, -104.709740)	03/27/25	4	5.31**	319***	0.138	<0.08*	<8.39	5.62	6.75	<0.218	<0.0839	<31.0
SEP-SS-21 @ 4' (40.568419, -104.709793)	03/27/25	4	6.08**	407***	0.179	0.11*	<9.75	6.71	8.94	0.302*****	<0.0975	37.0
SEP-SS-22 @ 4' (40.568373, -104.709708)	03/27/25	4	7.16**	298***	0.172	0.11*	<8.87	7.15	7.85	0.340*****	<0.0887	33.0
SEP-SS-23 @ 4' (40.568354, -104.709857)	03/27/25	4	4.93**	320***	0.131	<0.08*	<9.90	5.35	7.00	<0.257	<0.0990	<36.6
SEP-SS-24 @ 4' (40.568314, -104.709780)	03/27/25	4	5.41**	301***	0.133	<0.08*	<9.66	5.94	26.2	<0.251	<0.0966	<35.8
FL-SS-02 @ 4' (40.567814, -104.708239)	03/27/25	4	4.65**	183***	0.187	0.09*	<9.62	6.25	8.52	<0.250	<0.0962	<35.6
FL-SS-03 @ 4' (40.568371, -104.709125)	03/27/25	4	6.95**	174***	0.183	<0.08*	9.31	7.26	11.2	0.287*****	<0.0883	36.9
WH01-FS-01 @ 7' (40.568076, -104.709481)	03/27/25	7	5.29**	771	0.130	<0.08*	<8.84	6.10	6.87	<0.230	<0.0884	34.1
WH02-FS-01 @ 7' (40.568040, -104.709384)	03/27/25	7	4.42**	727	0.136	<0.08*	<9.86	5.54	6.90	<0.256	<0.0986	68.8
WH04-FS-01 @ 7' (40.567968, -104.709218)	03/27/25	7	4.92**	299***	0.176	<0.08*	<9.42	8.69	6.92	<0.245	<0.0942	35.0
WH05-FS-01 @ 7' (40.567925, -104.709119)	03/27/25	7	4.42**	916	0.185	<0.08*	10.5	6.07	7.26	<0.257	<0.0990	53.5
<b>Background</b>												
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
BG-02 @ 0.5' (40.568457, -104.709028)	06/19/24	0.5	8.50**	226***	0.436	<0.133*	20.1	15.9****	17.3	0.353*****	<0.0927	82.9
BG-02 @ 4' (40.568457, -104.709028)	06/19/24	4	6.84**	132***	0.307	<0.131*	12.8	10.5	12.3	0.351*****	<0.0943	55.4

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<b>CECMC Table 915-1 Residential Soil Screening Levels</b>			<b>0.68**</b>	<b>15,000</b>	<b>71</b>	<b>0.3*</b>	<b>3,100</b>	<b>400</b>	<b>1,500</b>	<b>390</b>	<b>390</b>	<b>23,000</b>
<b>CECMC Table 915-1 Protection of Groundwater Soil Screening Levels</b>			<b>0.29**</b>	<b>82***</b>	<b>0.38</b>	<b>0.00067*</b>	<b>46</b>	<b>14****</b>	<b>26</b>	<b>0.26*****</b>	<b>0.8</b>	<b>370</b>
<b>Local Cleanup Level</b>			<b>10.62**</b>	<b>420***</b>	<b>-</b>	<b>0.49625*</b>	<b>-</b>	<b>19.8****</b>	<b>-</b>	<b>0.441*****</b>	<b>-</b>	<b>-</b>
BG-02 @ 6.5' <i>(40.568457, -104.709028)</i>	06/19/24	6.5	<b>7.59**</b>	<b>144***</b>	0.293	<b>0.160</b>	12.9	9.54	10.9	<b>0.334*****</b>	<0.0888	52.6
BG-01 @ 0.5' <i>(40.561649, -104.707208)</i>	06/19/24	0.5	<b>6.40**</b>	<b>326***</b>	0.298	<0.131*	14.6	11.5	12.4	<0.231	<0.0890	57.9
BG-01 @ 4' <i>(40.561649, -104.707208)</i>	06/19/24	4	<b>3.65**</b>	<b>306***</b>	0.147	<b>0.296</b>	<9.41	8.60	7.58	<0.245	<0.0941	<34.8
BG-01 @ 6.5' <i>(40.561649, -104.707208)</i>	06/19/24	6.5	<b>4.71**</b>	<b>276***</b>	0.252	<b>0.321</b>	14.1	<b>15.0</b>	13.0	<0.225	<0.0867	57.9
BG-02 @ 0.5' <i>(40.560602, -104.706625)</i>	06/19/24	0.5	<b>6.00**</b>	<b>336***</b>	0.302	<0.106*	13.6	11.2	11.8	<0.242	<0.0932	55.1
BG-02 @ 4' <i>(40.560602, -104.706625)</i>	06/19/24	4	<b>3.83**</b>	<b>332***</b>	0.160	<b>0.296</b>	<9.57	7.59	7.62	<0.249	<0.0957	<35.4
BG-02 @ 6.5' <i>(40.560602, -104.706625)</i>	06/19/24	6.5	<b>4.71**</b>	<b>182***</b>	0.274	<b>0.397</b>	14.3	<b>14.5</b>	12.9	<0.233	<0.0898	58.5

CECMC = Colorado Energy & Carbon Management Commission

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 Protection of Groundwater Soil Screening Level limits but within background local cleanup level

Values presented in **BOLD** contained concentrations exceeding CECMC Table 915-1 Protection of Groundwater Soil Screening Level limits and background local cleanup level

\*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 (10.62 mg/kg) is 1.25 x background (8.50 mg/kg).

\*\*\*Barium is naturally occurring in Colorado. Local Cleanup Level (420 mg/kg) is 1.25 x background (336 mg/kg).

\*\*\*\*Lead is naturally occurring in Colorado. Local Cleanup Level (19.8 mg/kg) is 1.25 x background (15.9 mg/kg).

\*\*\*\*\*Selenium is naturally occurring in Colorado. Local Cleanup Level (0.441 mg/kg) is 1.25 x background (0.353 mg/kg).

*Background samples in italics collected on 6/19/24 are from related offsite remediation project number 34906*

