

TABLE 2  
SOIL 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)	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>				<b>1.20</b>	<b>490</b>	<b>5.8</b>	<b>58</b>	<b>500</b>			<b>30</b>	<b>27</b>	<b>2</b>	<b>&lt;4</b>	<b>6-8.3</b>	<b>&lt;6</b>
<b>CECMC Table 915-1 Protection of Groundwater Soil Screening Levels</b>				<b>0.0026</b>	<b>0.69</b>	<b>0.78</b>	<b>9.9</b>	<b>-</b>			<b>0.0081</b>	<b>0.0087</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
AST-SS-01 @ 0.5' (40.568250, -104.708998)	03/26/25	0.5	1.3	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.376	0.654	8.22	1.36
AST-SS-02 @ 0.5' (40.568227, -104.708940)	03/26/25	0.5	0.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.236	0.564	<b>8.32</b>	1.84
AST-SS-03 @ 0.5' (40.568202, -104.708881)	03/26/25	0.5	0.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.689	0.680	8.30	1.40
AST-SS-04 @ 0.5' (40.568177, -104.708823)	03/26/25	0.5	1.3	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.369	0.461	<b>8.33</b>	1.36
AST-SS-05 @ 0.5' (40.568154, -104.708763)	03/26/25	0.5	0.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	34.6	<100	<0.00200	<0.00200	0.414	0.423	<b>8.39</b>	1.44
AST-SS-06 @ 0.5' (40.568129, -104.708706)	03/26/25	0.5	2.5	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	140	<100	<0.00200	<0.00200	0.413	0.480	<b>8.33</b>	1.40
AST-SS-07 @ 0.5' (40.568105, -104.708648)	03/26/25	0.5	1.2	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.383	0.510	<b>8.36</b>	1.41
AST-SS-08 @ 0.5' (40.568082, -104.708588)	03/26/25	0.5	2.4	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	146	<100	<0.00200	<0.00200	0.204	0.237	8.30	0.881
AST-SS-09 @ 0.5' (40.568059, -104.708531)	03/26/25	0.5	2.1	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.942	0.683	<b>8.38</b>	4.07
AST-SS-10 @ 0.5' (40.567687, -104.708473)	03/26/25	0.5	0.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	<0.0998	0.178	8.25	0.187
FL-SS-01 @ 4' (40.568253, -104.709204)	03/26/25	4	1.5	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.548	0.791	8.19	0.531
PBV01-FS-01 @ 6' (40.568054, -104.708444)	03/26/25	6	0.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.437	0.492	8.23	1.24
PBV02-FS-01 @ 5' (40.567780, -104.708228)	03/26/25	5	41.3	<0.00200	<0.00200	<0.00200	<0.00200	<b>3.53</b>	<b>1500</b>	<b>5960</b>	<0.00200	0.00382	0.374	0.414	7.71	0.295
PBV02-SS-01 @ 3' (40.567793, -104.708222)	03/26/25	3	50.5	<0.00200	<0.00200	<0.00200	<0.00200	<b>2.61</b>	<b>772</b>	<b>5000</b>	<0.00200	<0.00200	0.355	0.399	7.70	0.227
PBV02-SS-02 @ 3' (40.567775, -104.708208)	03/26/25	3	105.4	<0.00200	<0.00200	<0.00200	0.00512	<b>18.2</b>	<b>2330</b>	<b>8930</b>	<0.00200	<b>0.0466</b>	0.350	0.318	7.77	0.197
PBV02-SS-03 @ 3' (40.567769, -104.708228)	03/26/25	3	57.4	<0.00200	<0.00200	<0.00200	<0.00200	<b>2.58</b>	<b>787</b>	<b>4070</b>	<0.00200	<0.00200	0.243	0.287	7.69	0.223
PBV02-SS-04 @ 3' (40.567779, -104.708243)	03/26/25	3	25.6	<0.00200	<0.00200	<0.00200	<0.00200	<b>2.89</b>	<b>1250</b>	<b>5360</b>	<0.00200	<0.00200	0.327	0.303	7.58	0.281
PBV03-FS-01 @ 6' (40.568205, -104.709099)	03/26/25	6	1.3	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.525	0.562	8.20	0.945
PBV04-FS-01 @ 5' (40.568257, -104.709295)	03/26/25	5	1.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.513	1.08	8.22	1.20
SEP-SS-01 @ 4' (40.568115, -104.710185)	03/27/25	4	1.1	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.411	0.402	8.29	0.844
SEP-SS-02 @ 4' (40.568069, -104.710105)	03/27/25	4	0.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.261	0.355	8.29	0.509

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**WAAG NORTH/NENW PAD 1**  
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**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)	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>				<b>1.20</b>	<b>490</b>	<b>5.8</b>	<b>58</b>	<b>500</b>			<b>30</b>	<b>27</b>	<b>2</b>	<b>&lt;4</b>	<b>6-8.3</b>	<b>&lt;6</b>
<b>CECMC Table 915-1 Protection of Groundwater Soil Screening Levels</b>				<b>0.0026</b>	<b>0.69</b>	<b>0.78</b>	<b>9.9</b>	<b>-</b>			<b>0.0081</b>	<b>0.0087</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
SEP-SS-03 @ 4' (40.568141, -104.710149)	03/27/25	4	0.6	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.621	2.05	7.99	1.05
SEP-SS-04 @ 4' (40.568099, -104.710071)	03/27/25	4	1.4	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.427	0.357	<b>8.32</b>	0.432
SEP-SS-05 @ 4' (40.568168, -104.710123)	03/27/25	4	1.1	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	48.9	<100	<0.00200	<0.00200	0.586	2.06	8.02	0.676
SEP-SS-06 @ 4' (40.568127, -104.710037)	03/27/25	4	0.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.410	0.434	8.30	0.523
SEP-SS-07 @ 4' (40.568198, -104.710083)	03/27/25	4	0.4	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.690	2.01	8.06	1.12
SEP-SS-08 @ 4' (40.568159, -104.710002)	03/27/25	4	1.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.501	1.28	8.12	0.681
SEP-SS-09 @ 4' (40.568225, -104.710049)	03/27/25	4	0.4	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.587	1.02	8.09	0.767
SEP-SS-10 @ 4' (40.568180, -104.709961)	03/27/25	4	0.7	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.462	0.662	8.23	0.530
SEP-SS-11 @ 4' (40.568255, -104.710007)	03/27/25	4	1.7	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.298	0.221	<b>8.31</b>	0.166
SEP-SS-12 @ 4' (40.568212, -104.709918)	03/27/25	4	2.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.433	0.667	8.29	0.610
SEP-SS-13 @ 4' (40.568282, -104.709974)	03/27/25	4	0.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	135	200	<0.00200	<0.00200	0.744	2.91	7.97	1.57
SEP-SS-14 @ 4' (40.568239, -104.709884)	03/27/25	4	1.3	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.194	0.361	8.28	0.221
SEP-SS-15 @ 4' (40.568311, -104.709940)	03/27/25	4	0.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	46.3	122	<0.00200	<0.00200	0.902	2.33	8.06	0.941
SEP-SS-16 @ 4' (40.568268, -104.709851)	03/27/25	4	1.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.379	0.711	8.17	0.569
SEP-SS-17 @ 4' (40.568341, -104.709903)	03/27/25	4	0.7	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.465	0.778	8.22	0.626
SEP-SS-18 @ 4' (40.568296, -104.709814)	03/27/25	4	0.4	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.646	2.45	8.07	1.23
SEP-SS-19 @ 4' (40.568391, -104.709828)	03/27/25	4	0.5	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.400	0.350	8.28	0.598
SEP-SS-20 @ 4' (40.568348, -104.709740)	03/27/25	4	1.1	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.339	0.634	8.24	0.283
SEP-SS-21 @ 4' (40.568419, -104.709793)	03/27/25	4	0.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.314	0.314	8.28	0.475
SEP-SS-22 @ 4' (40.568373, -104.709708)	03/27/25	4	0.7	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.524	0.641	8.30	0.376
SEP-SS-23 @ 4' (40.568354, -104.709857)	03/27/25	4	1.4	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.238	0.281	<b>8.34</b>	0.214



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**WAAG NORTH/NENW PAD 1**  
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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)	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>				<b>1.20</b>	<b>490</b>	<b>5.8</b>	<b>58</b>	<b>500</b>			<b>30</b>	<b>27</b>	<b>2</b>	<b>&lt;4</b>	<b>6-8.3</b>	<b>&lt;6</b>
<b>CECMC Table 915-1 Protection of Groundwater Soil Screening Levels</b>				<b>0.0026</b>	<b>0.69</b>	<b>0.78</b>	<b>9.9</b>	<b>-</b>			<b>0.0081</b>	<b>0.0087</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
SEP-SS-24 @ 4' (40.568314, -104.709780)	03/27/25	4	unknown	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.645	1.90	8.17	1.27
FL-SS-02 @ 4' (40.567814, -104.708239)	03/27/25	4	7.6	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.292	0.258	8.29	0.154
FL-SS-03 @ 4' (40.568371, -104.709125)	03/27/25	4	2.4	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.573	0.491	<b>8.31</b>	0.801
WH01-FS-01 @ 7' (40.568076, -104.709481)	03/27/25	7	1.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.443	0.640	<b>8.31</b>	2.56
WH02-FS-01 @ 7' (40.568040, -104.709384)	03/27/25	7	0.7	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	26.8	<100	<0.00200	<0.00200	0.660	0.745	<b>8.39</b>	3.67
WH04-FS-01 @ 7' (40.567968, -104.709218)	03/27/25	7	0.6	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.713	0.418	<b>8.36</b>	1.86
WH05-FS-01 @ 7' (40.567925, -104.709119)	03/27/25	7	0.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.446	0.539	<b>8.39</b>	2.63
<b>Background</b>																
BG-01 @ 0.5' (40.567463, -104.707821)	06/19/24	0.5	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.73	0.450	<b>8.62</b>	0.630
BG-01 @ 4' (40.567463, -104.707821)	06/19/24	4	0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.18	1.12	<b>8.37</b>	1.97
BG-01 @ 6.5' (40.567463, -104.707821)	06/19/24	6.5	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.18	1.17	<b>8.43</b>	1.94
BG-02 @ 0.5' (40.568457, -104.709028)	06/19/24	0.5	0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.96	0.427	<b>8.52</b>	0.710
BG-02 @ 4' (40.568457, -104.709028)	06/19/24	4	0.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.17	1.14	<b>8.45</b>	1.94
BG-02 @ 6.5' (40.568457, -104.709028)	06/19/24	6.5	0.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.20	1.09	<b>8.47</b>	1.89
BG-01 @ 0.5' (40.561649, -104.707208)	06/19/24	0.5	0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.40	0.430	<b>8.42</b>	0.422
BG-01 @ 4' (40.561649, -104.707208)	06/19/24	4	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.304	0.994	<b>8.46</b>	1.76
BG-01 @ 6.5' (40.561649, -104.707208)	06/19/24	6.5	0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.293	0.868	<b>8.52</b>	1.70
BG-02 @ 0.5' (40.560602, -104.706625)	06/19/24	0.5	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.40	0.385	<b>8.48</b>	0.240



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 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)	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	-			0.0081	0.0087	-	-	-	-
<i>BG-02 @ 4'</i> <i>(40.560602, -104.706625)</i>	06/19/24	4	0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.314	1.04	<b>8.51</b>	1.69
<i>BG-02 @ 6.5'</i> <i>(40.560602, -104.706625)</i>	06/19/24	6.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.300	0.908	<b>8.46</b>	1.70

CECMC = Colorado Energy & Carbon Management Commission  
 SAR = Sodium Adsorption Ratio  
 TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics  
 TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics  
 TPH-RRO = Total Petroleum Hydrocarbons - Residual Range Organics

mg/kg = milligrams per kilogram  
 PID = Photoionization Detector  
 1,2,4-TMB = 1,2,4-Trimethylbenzene  
 1,3,5-TMB = 1,3,5-Trimethylbenzene

mg/L = milligrams per liter  
 ppm-v = parts per million by volume

mmhos/cm = millimhos per centimeter  
 NA = Not Analyzed

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

