

**TABLE 1**  
**SOIL SAMPLE FIELD DATA SUMMARY TABLE**  
**BOYLE ST 8-16 WELLHEAD**  
**WELD COUNTY, COLORADO**  
**KERR-MCGEE OIL AND GAS ONSHORE, LP**

Soil Sample Location	Date	Depth (ft. bgs)	PID Reading (ppm)	Visual Observation	Olfactory Observation	Latitude	Longitude	Submitted for Lab Analysis? (Y/N)
<b>WELLHEAD EXCAVATION SAMPLES</b>								
N Wall	7/10/2024	3	2.8	NS	NO	40.139959	-104.775112	N
E Wall	7/10/2024	3	3.2	NS	NO	40.139954	-104.775104	N
S Wall	7/10/2024	3	0.9	NS	NO	40.139944	-104.775110	N
W Wall	7/10/2024	3	1.2	NS	NO	40.139950	-104.775120	N
WH01-RISER@3'	7/10/2024	3	3.2	NS	NO	40.139953	-104.775112	Y
B01@6'	7/10/2024	6	3.4	NS	NO	40.139949	-104.775117	Y
FS01	7/10/2024	0.5	0.2	NS	NO	40.139976	-104.775109	N
FS02	7/10/2024	0.5	0.0	NS	NO	40.139965	-104.775059	N
FS03	7/10/2024	0.5	0.0	NS	NO	40.139918	-104.775105	N
FS04	7/10/2024	0.5	0.0	NS	NO	40.139943	-104.775146	N
B01@9'	9/12/2024	9	1.3	NS	NO	40.139902	-104.775290	Y
N01@5'	9/12/2024	5	3.1	NS	NO	40.140055	-104.774938	Y
E01@5'	9/12/2024	5	1.7	NS	NO	40.139956	-104.774914	Y
S01@5'	9/12/2024	5	2.2	NS	NO	40.139815	-104.775002	Y
W01@5'	9/12/2024	5	1.8	NS	NO	40.139785	-104.775108	Y
<b>FLOWLINE POTHOLE SAMPLES</b>								
PH01	7/15/2024	4	1.2	NS	NO	40.140083	-104.775255	N
PH02	7/15/2024	4	1.0	NS	NO	40.140224	-104.775412	N
PH03	7/15/2024	3	2.2	NS	NO	40.140384	-104.775589	N
PH04	7/15/2024	4	2.3	NS	NO	40.140546	-104.775755	N
PH05	7/15/2024	3	1.5	NS	NO	40.140751	-104.775950	N
PH06	7/15/2024	3	1.3	NS	NO	40.140928	-104.776100	N
PH07	7/15/2024	3	1.3	NS	NO	40.141083	-104.776258	N
PH08	7/15/2024	4	0.1	NS	NO	40.141302	-104.776485	N
PH09	7/15/2024	4	0.5	NS	NO	40.1414180	-104.776603	N
PH10	7/15/2024	4	0.4	NS	NO	40.1415510	-104.776738	N
FL01@4'	7/15/2024	4	0.6	NS	NO	40.1417310	-104.776938	Y
FL02(8-16)@4'	3/5/2025	4	3.4	NS	NO	40.1421038	-104.7775955	Y
<b>SEPARATOR RISER SAMPLES</b>								
SEP01-RISER@4'	7/8/2024	4	0.4	NS	NO	40.14203600	-104.777731	Y
<b>BACKGROUND SOIL SAMPLES</b>								
NATIVE-BG01@3'	7/10/2024	3	2.5	NS	NO	40.140143	-104.775123	Y
NATIVE-BG01@6'	7/10/2024	6	1.9	NS	NO	40.140143	-104.775123	Y
NATIVE-BG02@3'	7/10/2024	3	0.1	NS	NO	40.140055	-104.774938	Y
NATIVE-BG02@6'	7/10/2024	6	3.1	NS	NO	40.140055	-104.774938	Y

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SOIL SAMPLE FIELD DATA SUMMARY TABLE  
BOYLE ST 8-16 WELLHEAD  
WELD COUNTY, COLORADO  
KERR-MCGEE OIL AND GAS ONSHORE, LP**

Soil Sample Location	Date	Depth (ft. bgs)	PID Reading (ppm)	Visual Observation	Olfactory Observation	Latitude	Longitude	Submitted for Lab Analysis? (Y/N)
<b>BACKGROUND SOIL SAMPLES</b>								
NATIVE-BG03@3'	7/10/2024	3	1.0	NS	NO	40.139956	-104.774914	Y
NATIVE-BG03@6'	7/10/2024	6	1.7	NS	NO	40.139956	-104.774914	Y
NATIVE-BG04@3'	7/10/2024	3	0.5	NS	NO	40.139815	-104.775002	Y
NATIVE-BG04@6'	7/10/2024	6	0.7	NS	NO	40.139815	-104.775002	Y
NATIVE-BG05@3'	7/10/2024	3	0.3	NS	NO	40.139785	-104.775108	Y
NATIVE-BG05@6'	7/10/2024	6	0.5	NS	NO	40.139785	-104.775108	Y
NATIVE-BG06@3'	7/10/2024	3	0.1	NS	NO	40.139902	-104.775290	Y
NATIVE-BG06@6'	7/10/2024	6	0.0	NS	NO	40.139902	-104.775290	Y

**Notes:**

ft. - feet  
 bgs - below ground surface  
 PID - Photoionization detector  
 ppm - parts per million

NS - No Staining  
 NO - No Odor  
 NA - Not Analyzed/Not Applicable

Shaded Rows are Samples that have been over excavated

Verification sample results have been omitted from the summary table due to updated ECMC instructions. All verification sample results are included in the attached laboratory analytical reports.

**TABLE 2-1  
SOIL SAMPLE ANALYTICAL RESULTS  
VOLATILE ORGANIC COMPOUNDS AND TOTAL PETROLEUM HYDROCARBONS  
BOYLE ST 8-16 WELLHEAD  
WELD COUNTY, COLORADO  
KERR-MCGEE OIL AND GAS ONSHORE, LP**

Soil Sample ID	Date	Depth (ft. bgs)	TPH-GRO <sup>+</sup> (mg/kg)	TPH-DRO <sup>+</sup> (mg/kg)	TPH-RRO <sup>+</sup> (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	1,2,4-Trimethyl benzene (mg/kg)	1,3,5-Trimethyl benzene (mg/kg)	Naphthalene (mg/kg)
ECMC Table 915-1 Cleanup Concentrations (PGSSLs)			500			0.0026	0.69	0.78	9.9	0.0081	0.0087	0.0038
<b>WELLHEAD EXCAVATION SAMPLES</b>												
<b>WH01-RISER@3'</b>	7/10/2024	3	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
<b>B01@6'</b>	7/10/2024	6	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<b>0.006</b>
<b>B01@9'</b>	9/12/2024	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.002
<b>N01@5'</b>	9/12/2024	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.002
<b>E01@5'</b>	9/12/2024	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.002
<b>S01@5'</b>	9/12/2024	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.002
<b>W01@5'</b>	9/12/2024	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.002
<b>FLOWLINE SAMPLES</b>												
<b>FL01@4'</b>	7/15/2024	4	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
<b>FL02(8-16)@4'</b>	3/5/2025	4	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
<b>SEPARATOR RISER SAMPLES</b>												
<b>SEP01-RISER@4'</b>	7/8/2024	4	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002

**Notes:**

ECMC - Energy and Carbon Management Commission

PGSSLs - Protection of Groundwater Soil Screening Level Concentrations

TPH - total petroleum hydrocarbons

GRO - gasoline range organics

DRO - diesel range organics

RRO - residual range organics

\*Allowable level for TPH is 500 mg/kg for combined GRO, DRO, ORO

Verification sample results have been omitted from the summary table due to updated ECMC instructions.

All verification sample results are included in the attached laboratory analytical reports.

ft - feet

bgs - below ground surface

mg/kg - milligrams per kilogram

< - less than laboratory reporting limit

NA - Not Analyzed/Not Applicable

**Bold** - exceeds ECMC Table 915-1 allowable level

  Shaded Rows are Samples that have been over excavated

**TABLE 2-2  
SOIL SAMPLE ANALYTICAL RESULTS  
POLYCYCLIC AROMATIC HYDROCARBONS  
BOYLE ST 8-16 WELLHEAD  
WELD COUNTY, COLORADO  
KERR-MCGEE OIL AND GAS ONSHORE, LP**

Soil Sample ID	Date	Depth (ft. bgs)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo (a) anthracene (mg/kg)	Benzo (b) fluoranthene (mg/kg)	Benzo (k) fluoranthene (mg/kg)	Benzo (a) pyrene (mg/kg)	Chrysene (mg/kg)	Dibenz (a,h) anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)	1-Methyl naphthalene (mg/kg)	2-Methyl naphthalene (mg/kg)	Pyrene (mg/kg)
ECMC Table 915-1 Cleanup Concentrations (PGSSLs)			0.55	5.8	0.011	0.3	2.9	0.24	9	0.096	8.9	0.54	0.98	0.006	0.019	1.3
<b>WELLHEAD EXCAVATION SAMPLES</b>																
WH01-RISER@3'	7/10/2024	3	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
B01@6'	7/10/2024	6	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<b>0.015</b>	0.013	<0.020
B01@9'	9/12/2024	9	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
N01@5'	9/12/2024	5	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
E01@5'	9/12/2024	5	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
S01@5'	9/12/2024	5	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
W01@5'	9/12/2024	5	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
<b>FLOWLINE SAMPLES</b>																
FL01@4'	7/15/2024	4	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
FL02(8-16)@4'	3/5/2025	4	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
<b>SEPARATOR RISER SAMPLES</b>																
SEP01-RISER@4'	7/8/2024	4	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020

**Notes:**

ECMC - Energy and Carbon Management Commission  
 PGSSLs - Protection of Groundwater Soil Screening Level Concentrations  
 ft - feet  
 bgs - below ground surface  
 mg/kg - milligrams per kilogram  
 < - less than laboratory reporting limit  
 NA - Not Analyzed/Not Applicable  
**Bold** - exceeds ECMC Table 915-1 allowable level

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Shaded Rows are Samples that have been over excavated

**TABLE 2-3  
SOIL SAMPLE ANALYTICAL RESULTS  
SOIL SUITABILITY FOR RECLAMATION  
BOYLE ST 8-16 WELLHEAD  
WELD COUNTY, COLORADO  
KERR-MCGEE OIL AND GAS ONSHORE, LP**

Soil Sample ID	Date	Depth (ft. bgs)	EC (mmhos/cm)	SAR	pH	Boron (mg/L)
ECMC Table 915-1 Cleanup Concentrations			4	6	6-8.3	2
Site-Specific Background Limits			8.28	20.9	8.58	2.14
<b>WELLHEAD EXCAVATION SAMPLES</b>						
WH01-RISER@3'	7/10/2024	3	0.262	0.248	8.32*	0.254
B01@6'	7/10/2024	6	1.56	<b>31.7</b>	<b>9.63</b>	0.492
B01@9'	9/12/2024	9	NA	10.1*	7.94	0.881
N01@5'	9/12/2024	5	NA	1.69	8.52*	0.268
E01@5'	9/12/2024	5	NA	6.06*	<b>8.78</b>	0.257
S01@5'	9/12/2024	5	NA	1.63	8.45*	0.285
W01@5'	9/12/2024	5	NA	1.41	8.19	0.218
<b>FLOWLINE SAMPLES</b>						
FL01@4'	7/15/2024	4	0.776	2.76	8.46*	0.444
FL02(8-16)@4'	3/5/2025	4	0.364	4.83	8.00	0.116
<b>SEPARATOR RISER SAMPLES</b>						
SEP01-RISER@4'	7/8/2024	4	0.153	0.0329	8.26	<0.100
<b>BACKGROUND SAMPLES</b>						
NATIVE-BG01@3'	7/10/2024	3	0.824	1.03	8.18	0.167
NATIVE-BG01@6'	7/10/2024	6	1.22	2.10	8.17	0.181
NATIVE-BG02@3'	7/10/2024	3	0.309	2.92	8.47	0.238
NATIVE-BG02@6'	7/10/2024	6	1.39	4.02	8.30	0.352
NATIVE-BG03@3'	7/10/2024	3	0.427	4.16	8.48	0.286
NATIVE-BG03@6'	7/10/2024	6	4.63	14.6	8.27	1.06
NATIVE-BG04@3'	7/10/2024	3	4.10	4.34	8.10	0.530
NATIVE-BG04@6'	7/10/2024	6	8.03	16.9	8.19	2.14
NATIVE-BG05@3'	7/10/2024	3	0.563	7.06	8.57	0.302
NATIVE-BG05@6'	7/10/2024	6	3.54	20.9	8.58	1.46
NATIVE-BG06@3'	7/10/2024	3	1.51	9.40	8.48	0.350
NATIVE-BG06@6'	7/10/2024	6	8.28	13.1	8.19	1.71

**Notes:**

ECMC - Energy and Carbon Management Commission

EC - electrical conductivity

SAR - sodium adsorption ratio

< - less than laboratory reporting limit

NA - Not Analyzed/Not Applicable

**Bold** - exceeds ECMC Table 915-1 allowable level and background

\*Exceeds Table 915-1 allowable level but within background

If site-specific backgrounds are less than cleanup concentrations, then cleanup concentration values will be applied.

Verification sample results have been omitted from the summary table due to updated ECMC instructions.

All verification sample results are included in the attached laboratory analytical reports.

Shaded Rows are Samples that have been over excavated

ft - feet

bgs - below ground surface

mmhos/cm - millimhos per centimeter

mg/L - milligrams per liter

**TABLE 2-4  
SOIL SAMPLE ANALYTICAL RESULTS  
METALS  
BOYLE ST 8-16 WELLHEAD  
WELD COUNTY, COLORADO  
KERR-MCGEE OIL AND GAS ONSHORE, LP**

Soil Sample ID	Date	Depth (ft. bgs)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC Table 915-1 Cleanup Concentrations (PGSSLs)			0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
Site-Specific Background Limits^			114	473	0.593	0.373	27.3	26.3	34.8	0.954	NA	124
<b>WELLHEAD EXCAVATION SAMPLES</b>												
WH01-RISER@3'	7/10/2024	3	2.76*	81.6	0.198	0.169*	<9.14	11.6	7.18	<0.238	<0.0914	36.8
B01@6'	7/10/2024	6	7.78*	193*	0.404*	0.259*	17.9	18.9*	17.0	0.869*	0.121	87.9
B01@9'	9/12/2024	9	3.38*	51.1	0.573*	<0.312	15.3	14.3*	6.43	<0.232	<0.0891	48.4
N01@5'	9/12/2024	5	3.16*	161*	0.127	<0.357	<9.20	8.79	6.91	<0.239	<0.0920	<34.1
E01@5'	9/12/2024	5	3.22*	104*	0.102	<0.319	<9.85	8.24	6.49	<0.256	<0.0985	<36.4
S01@5'	9/12/2024	5	3.40*	146*	0.142	<0.353	<8.84	10.4	7.14	<0.230	<0.0884	33.2
W01@5'	9/12/2024	5	9.00*	121*	0.220	<0.320	12.2	11.3	9.21	0.266*	<0.0917	36.9
<b>FLOWLINE SAMPLES</b>												
FL01@4'	7/15/2024	4	2.67*	78.1	0.139	<0.377	<8.79	7.48	7.93	<0.228	<0.0879	36.7
FL02(8-16)@4'	3/5/2025	4	2.55*	66.9	<0.0943	<0.20	<9.43	6.26	7.41	<0.245	<0.0943	<34.9
<b>SEPARATOR RISER SAMPLES</b>												
SEP01-RISER@4'	7/8/2024	4	2.55*	53.9	0.195	0.188*	<9.42	6.76	5.64	<0.245	<0.0942	<34.9
<b>BACKGROUND SAMPLES</b>												
NATIVE-BG01@3'	7/10/2024	3	1.59	49.5	<0.0974	0.213	<9.74	4.13	4.30	<0.253	<0.0974	<36.0
NATIVE-BG01@6'	7/10/2024	6	4.39	67.4	0.110	0.144	<9.78	6.24	6.81	<0.254	<0.0978	<36.2
NATIVE-BG02@3'	7/10/2024	3	4.64	71.8	0.137	0.120	<9.25	7.36	8.04	<0.240	<0.0925	<34.2
NATIVE-BG02@6'	7/10/2024	6	3.16	807**	0.102	0.186	<9.03	6.99	8.19	<0.235	<0.0903	<33.4
NATIVE-BG03@3'	7/10/2024	3	3.65	82.5	<0.0960	0.158	<9.60	7.10	6.41	<0.250	<0.0960	<35.5
NATIVE-BG03@6'	7/10/2024	6	1.68	175	0.168	<0.433	21.8	19.9	9.71	<0.235	<0.0904	45.2
NATIVE-BG04@3'	7/10/2024	3	2.06	53.8	0.172	<0.325	9.51	13.2	6.22	<0.241	<0.0927	36.6
NATIVE-BG04@6'	7/10/2024	6	2.30	72.7	0.210	0.124	16.1	21.0	9.97	<0.246	<0.0946	76.6
NATIVE-BG05@3'	7/10/2024	3	91.1	78.8	0.474	0.186	21.3	17.8	27.8	0.763	<0.0970	99.3
NATIVE-BG05@6'	7/10/2024	6	7.02	378	0.197	0.298	13.0	13.6	12.1	0.282	<0.865	51.9
NATIVE-BG06@3'	7/10/2024	3	2.83	79.1	0.123	0.256	<8.70	6.94	9.40	<0.226	<0.0870	32.7
NATIVE-BG06@6'	7/10/2024	6	3.71	69.9	0.156	0.177	9.34	8.22	10.2	<0.238	<0.0916	39.9

**TABLE 2-4**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
**METALS**  
**BOYLE ST 8-16 WELLHEAD**  
**WELD COUNTY, COLORADO**  
**KERR-MCGEE OIL AND GAS ONSHORE, LP**

**Notes:**

ECMC - Energy and Carbon Management Commission

PGSSLs - Protection of Groundwater Soil Screening Level Concentrations

ft - feet

bgs - below ground surface

mg/kg - milligrams per kilogram

< - less than laboratory reporting limit

NA - Not Analyzed/Not Applicable

**Bold** - exceeds ECMC Table 915-1 allowable level and background

\*Exceeds Table 915-1 allowable level but within background

\*\*Indicates value has been omitted from background value comparison

^ - site-specific background is shown as 1.25x maximum background to account for analytical variability

If site-specific backgrounds are less than cleanup concentrations, then cleanup concentration values will be applied.

Verification sample results have been omitted from the summary table due to updated ECMC instructions.

All verification sample results are included in the attached laboratory analytical reports.

Shaded Rows are Samples that have been over excavated

TABLE 3  
GROUNDWATER ANALYTICAL RESULTS  
BOYLE ST 8-16 WELLHEAD  
WELD COUNTY, COLORADO  
KERR-MCGEE OIL AND GAS ONSHORE, LP

Well Name	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4-trimethylbenzene (µg/L)	1,3,5-trimethylbenzene (µg/L)	Total Dissolved Solids (ug/L)	Chloride Ion (ug/L)	Sulfate Ion (ug/L)	Depth to Water/ (Product Thickness) (ft bgs)
<b>ECMC Allowable Levels</b>		<b>5</b>	<b>560</b>	<b>700</b>	<b>1400</b>	<b>140</b>	<b>67</b>	<b>67</b>	<b>NA</b>	<b>250,000</b>	<b>250,000</b>	
GW-SEP02-OUTLET@4	7/8/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA	NA	4.0
GW-FL01@4'	7/15/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA	NA	4.0

Notes: ECMC - Energy and Carbon Management Commission

ft bgs - feet below ground surface

NA - not analyzed/not available

**BOLD** = Analytical result is in exceedance of ECMC Table 915-1 groundwater standards.

µg/L - micrograms per liter

< - less than laboratory reporting limit

Excavation groundwater depth is approximate