

TABLE 1
SOIL SAMPLE FIELD DATA SUMMARY TABLE
HERMAN 1 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)
WELLHEAD EXCAVATION SAMPLES								
N Wall(1)	4/22/2025	3	2.1	NS	NO	40.17748	-104.805948	N
E Wall(1)	4/22/2025	3	1.5	NS	NO	40.177457	-104.805916	N
S Wall(1)	4/22/2025	3	3.1	NS	NO	40.177432	-104.805935	N
W Wall(1)	4/22/2025	3	1.1	NS	NO	40.177464	-104.80597	N
WH-RISER(1)@3'	4/22/2025	3	1.4	NS	NO	40.177454	-104.805967	Y
B01(1)@6'	4/22/2025	6	5.1	NS	NO	40.177456	-104.805939	Y
FS01	4/22/2025	0.5	2.6	NS	NO	40.177444	-104.805905	N
FS02	4/22/2025	0.5	2.1	NS	NO	40.177423	-104.805966	N
FS03	4/22/2025	0.5	2.0	NS	NO	40.177462	-104.805999	N
FS04	4/22/2025	0.5	3.7	NS	NO	40.177491	-104.805931	N
SEPARATOR RISER SOIL SAMPLES								
SEP-RISER(32-14,1)@3'	4/24/2025	3	0.5	NS	NO	40.177427	-104.80629	Y
BACKGROUND SOIL SAMPLES								
NATIVE-BG01@3'	4/22/2025	3	3.3	NS	NO	40.177574	-104.805944	Y
NATIVE-BG01@6'	4/22/2025	6	3.8	NS	NO	40.177574	-104.805944	Y
NATIVE-BG02@3'	4/22/2025	3	5.4	NS	NO	40.177531	-104.806062	Y
NATIVE-BG02@6'	4/22/2025	6	1.9	NS	NO	40.177531	-104.806062	Y
NATIVE-BG03@3'	4/22/2025	3	4.5	NS	NO	40.177374	-104.805815	Y
NATIVE-BG03@6'	4/22/2025	6	5.6	NS	NO	40.177374	-104.805815	Y
NATIVE-BG04@3'	4/22/2025	3	1.7	NS	NO	40.17746	-104.805813	Y
NATIVE-BG04@6'	4/22/2025	6	3.6	NS	NO	40.17746	-104.805813	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

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
HERMAN 1 WELLHEAD
WELD COUNTY, COLORADO
KERR-MCGEE OIL AND GAS ONSHORE, LP

Soil Sample ID	Date	Depth (ft. bgs)	TPH-GRO ⁺ (mg/kg)	TPH-DRO ⁺ (mg/kg)	TPH-RRO ⁺ (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
WELLHEAD EXCAVATION SAMPLES												
WH-RISER(1)@3'	4/22/2025	3	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
B01(1)@6'	4/22/2025	6	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
SEPARATOR RISER SAMPLES												
SEP-RISER(32-14,1)@3'	4/24/2025	3	<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 samples that did not contain these analyses are not included in this table.

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

TABLE 2-2
 SOIL SAMPLE ANALYTICAL RESULTS
 POLYCYCLIC AROMATIC HYDROCARBONS
 HERMAN 1 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
WELLHEAD EXCAVATION SAMPLES																
WH-RISER(1)@3'	4/22/2025	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(1)@6'	4/22/2025	6	<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
SEPARATOR RISER SAMPLES																
SEP-RISER(32-14,1)@3'	4/24/2025	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

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
 Verification samples that did not contain these analyses are not included in this table.

**TABLE 2-3
SOIL SAMPLE ANALYTICAL RESULTS
SOIL SUITABILITY FOR RECLAMATION
HERMAN 1 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			1.11	5.63	8.34	0.388
WELLHEAD EXCAVATION SAMPLES						
WH-RISER(1)@3'	4/22/2025	3	0.330	0.189	7.25	0.172
B01(1)@6'	4/22/2025	6	0.927	2.14	8.02	0.289
SEPARATOR RISER SAMPLES						
SEP-RISER(32-14,1)@3'	4/24/2025	3	0.224	1.45	7.51	0.117
BACKGROUND SAMPLES						
NATIVE-BG01@3'	4/22/2025	3	0.461	3.13	8.14	<0.101
NATIVE-BG01@6'	4/22/2025	6	0.705	4.01	8.09	0.108
NATIVE-BG02@3'	4/22/2025	3	0.674	2.46	8.14	0.113
NATIVE-BG02@6'	4/22/2025	6	0.442	4.14	8.21	0.182
NATIVE-BG03@3'	4/22/2025	3	1.11	4.8	8.34	0.339
NATIVE-BG03@6'	4/22/2025	6	0.338	2.92	8.05	<0.0997
NATIVE-BG04@3'	4/22/2025	3	1.06	5.63	8.3	0.388
NATIVE-BG04@6'	4/22/2025	6	0.622	3.84	8.32	0.185

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 laboratory analytical reports.

ft - feet

bgs - below ground surface

mmhos/cm - millimhos per centimeter

mg/L - milligrams per liter

**TABLE 2-4
SOIL SAMPLE ANALYTICAL RESULTS
METALS
HERMAN 1 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 [^]			2.65	92.3	NA	0.20	NA	14.0	8.90	NA	NA	NA
WELLHEAD EXCAVATION SAMPLES												
WH-RISER(1)@3'	4/22/2025	3	2.99	60.7	0.254	0.13*	12.3	24.8	5.97	<0.250	<0.0960	54.2
B01(1)@6'	4/22/2025	6	2.44*	58.8	0.226	0.13*	9.43	17.8	5.96	<0.222	<0.0855	45.3
SEPARATOR RISER SAMPLES												
SEP-RISER(32-14,1)@3'	4/24/2025	3	2.55*	57.3	<0.0837	<0.405	<8.37	7.07	5.75	<0.218	<0.0837	<31.0
BACKGROUND SAMPLES												
NATIVE-BG01@3'	4/22/2025	3	1.58	66.8	<0.0902	<0.20	<9.02	5.41	4.38	<0.234	<0.0902	<33.4
NATIVE-BG01@6'	4/22/2025	6	1.66	38.7	<0.0982	<0.19	<9.82	4.31	7.04	<0.255	<0.0982	<36.3
NATIVE-BG02@3'	4/22/2025	3	1.67	48.4	<0.0920	<0.20	<9.20	4.07	3.31	<0.239	<0.0920	<34.0
NATIVE-BG02@6'	4/22/2025	6	1.92	56.5	<0.0885	<0.21	<8.85	5.97	4.61	<0.230	<0.0885	<32.8
NATIVE-BG03@3'	4/22/2025	3	2.11	67.3	<0.0993	<0.21	<9.93	7.07	5.98	<0.258	<0.0993	<36.8
NATIVE-BG03@6'	4/22/2025	6	1.11	40.7	<0.0963	<0.21	<9.63	4.41	2.68	<0.250	<0.0963	<35.6
NATIVE-BG04@3'	4/22/2025	3	1.95	43.4	<0.0974	0.16	<9.74	11.2	7.12	<0.253	<0.0974	<36.0
NATIVE-BG04@6'	4/22/2025	6	2.12	73.8	<0.0982	<0.20	<9.82	9.89	5.46	<0.255	<0.0982	<36.3

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

[^] - 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 samples that did not contain these analyses are not included in this table.

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 3
GROUNDWATER ANALYTICAL RESULTS
HERMAN 1 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)
ECMC Allowable Levels		5	560	700	1400	140	67	67	1,769,999	374,999	587,999	
GW01@5.5'	4/22/2025	39.6	122	<1.00	21.7	<2.00	3.5	<2.00	1,740,000	479,000	462,000	5.5
GW-BG01@6'	4/23/2025	NA	NA	NA	NA	NA	NA	NA	1,770,000	375,000	588,000	6.0

Notes: ECMC - Energy and Carbon Management Commission

ft bgs - feet below ground surface

NA - not analyzed/not available

Total dissolved solids, chloride ion, and sulfate ion parameters based on background sample (GW-BG01@6') concentration x 1.25

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