

TABLE 1
SOIL SAMPLE FIELD DATA SUMMARY TABLE
HERMAN L 32-14 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)
RELEASE AREA SAMPLES								
WP01@0.5'	4/3/2025	0.5	1.3	NS	NO	40.175778	-104.803455	Y
FS01	4/3/2025	0.5	1.3	NS	NO	40.175783	-104.803414	N
FS02	4/3/2025	0.5	0.4	NS	NO	40.175764	-104.803423	N
FS03	4/3/2025	0.5	0.7	NS	NO	40.175739	-104.803463	N
FS04	4/3/2025	0.5	0.6	NS	NO	40.175759	-104.803500	N
FS05	4/3/2025	0.5	0.6	NS	NO	40.175805	-104.803482	N
FS06	4/3/2025	0.5	1.3	NS	NO	40.175781	-104.803455	N
FS07	4/3/2025	0.5	0.5	NS	NO	40.175799	-104.803430	N
FS08	4/3/2025	0.5	0.5	NS	NO	40.175798	-104.803405	N
FS09	4/3/2025	0.5	0.5	NS	NO	40.175770	-104.803408	N
WELLHEAD EXCAVATION SAMPLES								
B01(32-14)@5'	4/22/2025	5	2.5	NS	NO	40.175787	-104.803395	Y
WH-RISER(32-14)@4'	4/22/2025	4	1.1	NS	NO	40.175783	-104.803422	Y
N.Wall(32-14)	4/22/2025	2.5	1.8	NS	NO	40.175808	-104.803407	N
E.Wall(32-14)	4/22/2025	2.5	2.2	NS	NO	40.175783	-104.803370	N
S.Wall(32-14)	4/22/2025	2.5	1.0	NS	NO	40.175763	-104.803397	N
W.Wall(32-14)	4/22/2025	2.5	2.0	NS	NO	40.175782	-104.803432	N
FS01	4/22/2025	0.5	2.3	NS	NO	40.175814	-104.803371	N
FS02	4/22/2025	0.5	1.6	NS	NO	40.175762	-104.803348	N
FS03	4/22/2025	0.5	3.0	NS	NO	40.175743	-104.803402	N
FS04	4/22/2025	0.5	1.4	NS	NO	40.175789	-104.803448	N
FLOWLINE POTHOLE SAMPLES								
FL01@3'	4/24/2025	3	0.4	NS	NO	40.177254	-104.805897	Y
PH02	4/24/2025	3	0.1	NS	NO	40.177173	-104.805838	N
PH03	4/24/2025	3	0.3	NS	NO	40.177058	-104.805794	N
FL02@3'	4/24/2025	3	0.2	NS	NO	40.176921	-104.805736	Y
PH05	4/24/2025	3	0.0	NS	NO	40.176792	-104.805689	N
PH06	4/24/2025	3	0.1	NS	NO	40.176668	-104.805644	N
FL03@3'	4/24/2025	3	0.8	NS	NO	40.176510	-104.805584	Y
PH08	4/24/2025	3	0.1	NS	NO	40.176351	-104.805527	N
PH09	4/24/2025	3	0.0	NS	NO	40.176200	-104.805465	N
FL04@3'	4/24/2025	3	0.3	NS	NO	40.176086	-104.805397	Y
PH11(32-14)	4/25/2025	3	0.6	NS	NO	40.175995	-104.805137	N
FL05(32-14)@3'	4/25/2025	3	0.9	NS	NO	40.175916	-104.804863	Y
FL05(32-14)@3'-V	4/25/2025	3	0.9	NS	NO	40.175916	-104.804863	Y

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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)
FLOWLINE POTHOLE SAMPLES								
PH13(32-14)	4/25/2025	3	0.6	NS	NO	40.175850	-104.804602	N
FL06(32-14)@3'	4/25/2025	3	1.3	NS	NO	40.175783	-104.804332	Y
PH15(32-14)	4/25/2025	3	0.4	NS	NO	40.175755	-104.804049	N
SEPARATOR RISER SAMPLES								
SEP-RISER(32-14,1)@3'	4/24/2025	3	0.5	NS	NO	40.177426	-104.806292	Y
BACKGROUND SOIL SAMPLES								
NATIVE-BG01@0.5'	4/3/2025	0.5	0.2	NS	NO	40.175911	-104.803583	Y
NATIVE-BG02@0.5'	4/3/2025	0.5	0.1	NS	NO	40.175895	-104.803259	Y
NATIVE-BG03@0.5'	4/3/2025	0.5	0.2	NS	NO	40.175665	-104.803297	Y
NATIVE-BG04@0.5'	4/3/2025	0.5	0.2	NS	NO	40.175624	-104.803558	Y
NATIVE-BG05@3'	4/22/2025	3	3.4	NS	NO	40.175892	-104.803489	Y
NATIVE-BG05@6'	4/22/2025	6	2.9	NS	NO	40.175892	-104.803489	Y
NATIVE-BG06@3'	4/22/2025	3	1.2	NS	NO	40.175895	-104.803389	Y
NATIVE-BG06@6'	4/22/2025	6	3.2	NS	NO	40.175895	-104.803389	Y
NATIVE-BG07@3'	4/22/2025	3	4.7	NS	NO	40.175811	-104.803274	Y
NATIVE-BG07@6'	4/22/2025	6	1.2	NS	NO	40.175811	-104.803274	Y
NATIVE-BG08@3'	4/22/2025	3	2.5	NS	NO	40.175713	-104.803309	Y
NATIVE-BG08@6'	4/22/2025	6	1.9	NS	NO	40.175713	-104.803309	Y
NATIVE-BG09@3'	4/22/2025	3	0.8	NS	NO	40.175682	-104.803434	Y
NATIVE-BG09@6'	4/22/2025	6	3.8	NS	NO	40.175682	-104.803434	Y
NATIVE-BG10@3'	7/29/2025	3	0.3	NS	NO	40.176141	-104.804290	Y
NATIVE-BG10@5'	7/29/2025	5	0.3	NS	NO	40.176141	-104.804290	Y
NATIVE-BG11@3'	7/29/2025	3	0.8	NS	NO	40.176394	-104.804000	Y
NATIVE-BG11@5'	7/29/2025	5	0.5	NS	NO	40.176394	-104.804000	Y
NATIVE-BG12@3'	7/29/2025	3	0.7	NS	NO	40.176482	-104.803568	Y
NATIVE-BG12@5'	7/29/2025	5	0.5	NS	NO	40.176482	-104.803568	Y
NATIVE-BG13@3'	7/29/2025	3	0.6	NS	NO	40.176470	-104.803178	Y
NATIVE-BG13@5'	7/29/2025	5	0.9	NS	NO	40.176470	-104.803178	Y
NATIVE-BG14@3'	7/29/2025	3	2.0	NS	NO	40.176327	-104.802803	Y
NATIVE-BG14@5'	7/29/2025	5	1.4	NS	NO	40.176327	-104.802803	Y
NATIVE-BG15@3'	7/29/2025	3	1.9	NS	NO	40.176155	-104.802587	Y
NATIVE-BG15@5'	7/29/2025	5	1.3	NS	NO	40.176155	-104.802587	Y

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Soil Sample Location	Date	Depth (ft. bgs)	PID Reading (ppm)	Visual Observation	Olfactory Observation	Latitude	Longitude	Submitted for Lab Analysis? (Y/N)
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Notes:

ft. - feet

NS - No Staining

bgs - below ground surface

NO - No Odor

PID - Photoionization detector

NA - Not Analyzed/Not Applicable

ppm - parts per million

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 report

**TABLE 2-1
SOIL SAMPLE ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS AND TOTAL PETROLEUM HYDROCARBONS
HERMAN L 32-14 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
RELEASE AREA SAMPLES												
WP01@0.5'	4/3/2025	0.5	<0.200	<25.0	<100	<0.00200	0.00432	<0.00200	0.00474	0.00246	<0.00200	<0.002
WELLHEAD EXCAVATION SAMPLES												
B01(32-14)@5'	4/22/2025	5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
WH-RISER(32-14)@4'	4/22/2025	4	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
FLOWLINE POTHOLE SAMPLES												
FL01@3'	4/24/2025	3	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
FL02@3'	4/24/2025	3	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
FL03@3'	4/24/2025	3	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
FL04@3'	4/24/2025	3	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
FL05(32-14)@3'	4/25/2025	3	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
FL06(32-14)@3'	4/25/2025	3	<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

Shaded Rows are Samples that have been over excavated.

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 2-2
SOIL SAMPLE ANALYTICAL RESULTS
POLYCYCLIC AROMATIC HYDROCARBONS
HERMAN L 32-14 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
RELEASE AREA SAMPLES																
WP01@0.5'	4/3/2025	0.5	<0.020	<0.020	0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	0.004	<0.020
WELLHEAD EXCAVATION SAMPLES																
B01(32-14)@5'	4/22/2025	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
WH-RISER(32-14)@4'	4/22/2025	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
FLOWLINE POTHOLE SAMPLES																
FL01@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
FL02@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
FL03@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
FL04@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
FL05(32-14)@3'	4/25/2025	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
FL06(32-14)@3'	4/25/2025	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
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.
Shaded Rows are Samples that have been over excavated.

**TABLE 2-3
SOIL SAMPLE ANALYTICAL RESULTS
SOIL SUITABILITY FOR RECLAMATION
HERMAN L 32-14 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 (0.5'-3')			29.1	44.6	5.57-8.64	6.05
Site-Specific Background Limits (3'-6')			4.84	18.3	8.66	1.04
RELEASE AREA SAMPLES						
WP01@0.5'	4/3/2025	0.5	11.3*	32.0*	8.40*	1.65
WELLHEAD EXCAVATION SAMPLES						
B01(32-14)@5'	4/22/2025	5	2.17	8.04*	8.30	0.645
WH-RISER(32-14)@4'	4/22/2025	4	4.09*	15.0*	8.35*	1.35
FLOWLINE POTHOLE SAMPLES						
FL01@3'	4/24/2025	3	0.574	5.21	8.26	0.110
FL02@3'	4/24/2025	3	0.853	15.4*	8.01	0.201
FL03@3'	4/24/2025	3	1.50	21.1*	8.39*	1.53
FL04@3'	4/24/2025	3	4.68*	33.1*	8.48*	1.67
FL05(32-14)@3'	4/25/2025	3	2.28	20.9*	8.76	1.37
FL05(32-14)@3'-V	4/25/2025	3	NA	NA	8.53*	NA
FL06(32-14)@3'	4/25/2025	3	5.39*	7.91*	8.42*	1.40
SEPARATOR RISER SAMPLES						
SEP-RISER(32-14,1)@3'	4/24/2025	3	0.224	1.45	7.51	0.117
BACKGROUND SOIL SAMPLES						
NATIVE-BG01@0.5'	4/3/2025	0.5	3.62	2.76	6.91	1.12
NATIVE-BG02@0.5'	4/3/2025	0.5	0.246	0.749	5.57	0.417
NATIVE-BG03@0.5'	4/3/2025	0.5	22.5	42.0	8.35	4.05
NATIVE-BG04@0.5'	4/3/2025	0.5	29.1	44.6	8.22	6.05
NATIVE-BG05@3'	4/22/2025	3	3.96	18.3	8.64	0.569
NATIVE-BG05@6'	4/22/2025	6	3.26	13.9	8.66	0.483
NATIVE-BG06@3'	4/22/2025	3	2.35	16.3	8.59	1.04
NATIVE-BG06@6'	4/22/2025	6	2.83	15.0	8.62	0.476
NATIVE-BG07@3'	4/22/2025	3	2.37	12.2	8.52	0.438
NATIVE-BG07@6'	4/22/2025	6	2.04	11.0	8.43	0.261
NATIVE-BG08@3'	4/22/2025	3	2.54	12.6	8.60	0.596
NATIVE-BG08@6'	4/22/2025	6	4.84	11.8	8.47	0.840
NATIVE-BG09@3'	4/22/2025	3	1.61	8.87	8.44	0.469
NATIVE-BG09@6'	4/22/2025	6	1.77	7.90	8.59	0.443
NATIVE-BG10@3'	7/29/2025	3	0.815	8.31	8.38	0.364
NATIVE-BG10@5'	7/29/2025	5	0.822	6.52	8.23	0.602
NATIVE-BG11@3'	7/29/2025	3	0.803	5.89	7.85	0.196
NATIVE-BG11@5'	7/29/2025	5	0.768	4.97	7.57	0.106
NATIVE-BG12@3'	7/29/2025	3	0.879	3.29	7.43	0.165

**TABLE 2-3
SOIL SAMPLE ANALYTICAL RESULTS
SOIL SUITABILITY FOR RECLAMATION
HERMAN L 32-14 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 (0.5'-3')			29.1	44.6	5.57-8.64	6.05
Site-Specific Background Limits (3'-6')			4.84	18.3	8.66	1.04
BACKGROUND SOIL SAMPLES						
NATIVE-BG12@5'	7/29/2025	5	0.603	4.09	8.13	0.104
NATIVE-BG13@3'	7/29/2025	3	0.556	4.32	7.78	0.110
NATIVE-BG13@5'	7/29/2025	5	0.489	3.86	8.07	0.122
NATIVE-BG14@3'	7/29/2025	3	0.508	6.39	8.14	0.208
NATIVE-BG14@5'	7/29/2025	5	0.310	3.11	7.87	<0.0999
NATIVE-BG15@3'	7/29/2025	3	0.944	7.71	7.72	0.278
NATIVE-BG15@5'	7/29/2025	5	0.937	7.01	7.72	0.149

Notes:

ECMC - Energy and Carbon Management Commission

EC - electrical conductivity

SAR - sodium adsorption ratio

< - less than laboratory reporting limit

-V - verification sample collected in separate bottles

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
HERMAN L 32-14 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 (0.5'-3')^			4.20	129	0.529	0.19	14.8	20.0	10.8	0.694	NA	72.4
Site-Specific Background Limits (3'-6')^			5.46	238	0.271	0.19	NA	11.6	11.1	0.484	NA	50.1
RELEASE AREA SAMPLES												
WP01@0.5'	4/3/2025	0.5	1.85*	43.2	0.121	<0.358	13.2	9.23	4.79	<0.257	<0.0987	<36.5
WELLHEAD EXCAVATION SAMPLES												
B01(32-14)@5'	4/22/2025	5	1.92*	119*	0.303	<0.20	12.9	9.04	10.7	<0.232	<0.0892	52.1
WH-RISER(32-14)@4'	4/22/2025	4	2.48*	82.5*	0.147	0.13*	9.55	10.2	9.42	<0.229	<0.0880	43.7
FLOWLINE POTHOLE SAMPLES												
FL01@3'	4/24/2025	3	1.90*	68.7	<0.0987	<0.401	<9.87	5.12	4.85	<0.257	<0.0987	<36.5
FL02@3'	4/24/2025	3	2.35*	53.1	0.107	<0.417	<9.43	5.89	5.17	0.341*	<0.0943	<34.9
FL03@3'	4/24/2025	3	3.29*	86.7*	0.111	<0.409	<8.94	8.29	7.76	<0.232	<0.0894	41.7
FL04@3'	4/24/2025	3	3.93*	82.4*	0.152	<0.468	<9.82	8.44	8.99	<0.255	<0.0982	41.5
FL05(32-14)@3'	4/25/2025	3	2.92*	73.9	0.146	<0.514	<8.79	7.50	8.89	0.271*	<0.0879	40.8
FL06(32-14)@3'	4/25/2025	3	3.22*	70.5	0.104	<0.5	<8.72	8.09	8.60	<0.227	<0.0872	43.3
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 SOIL SAMPLES												
NATIVE-BG01@0.5'	4/3/2025	0.5	2.35	69.6	0.263	<0.457	<9.84	9.49	6.35	0.317	<0.0984	49.7
NATIVE-BG02@0.5'	4/3/2025	0.5	1.89	69.4	0.423	<0.526	10.5	15.4	4.70	0.261	<0.0941	57.9
NATIVE-BG03@0.5'	4/3/2025	0.5	2.77	87.7	0.352	<0.410	11.6	16.0	7.16	0.329	<0.0932	45.3
NATIVE-BG04@0.5'	4/3/2025	0.5	3.36	92.0	0.343	<0.392	11.8	14.8	8.63	0.555	<0.0918	53.7
NATIVE-BG05@3'	4/22/2025	3	1.36	49.5	<0.0896	<0.20	<8.96	4.86	4.39	<0.233	<0.0896	<33.2
NATIVE-BG05@6'	4/22/2025	6	1.35	43.1	0.0969	<0.21	<9.41	5.02	4.61	<0.245	<0.0941	<34.8
NATIVE-BG06@3'	4/22/2025	3	1.41	45.2	<0.0891	0.15	<8.91	5.21	4.55	<0.232	<0.0891	<33.0
NATIVE-BG06@6'	4/22/2025	6	1.07	42.6	0.124	<0.20	<8.66	4.48	4.13	<0.225	<0.0866	<32.0
NATIVE-BG07@3'	4/22/2025	3	1.63	53.2	0.0925	<0.20	<8.73	5.50	5.04	<0.227	<0.0873	<32.3
NATIVE-BG07@6'	4/22/2025	6	1.92	36.2	0.117	<0.20	<9.42	5.00	4.95	0.302	<0.0942	<34.9
NATIVE-BG08@3'	4/22/2025	3	2.72	103	0.138	0.11	<9.25	7.95	8.17	<0.240	<0.0925	36.6
NATIVE-BG08@6'	4/22/2025	6	1.73	128	0.217	0.08	<8.67	6.22	7.80	0.225	<0.0867	35.6
NATIVE-BG09@3'	4/22/2025	3	2.94	59.9	<0.0909	<0.20	<9.09	7.41	7.90	<0.236	<0.0909	<33.6
NATIVE-BG09@6'	4/22/2025	6	3.13	91.7	0.127	<0.19	<8.74	9.24	8.84	0.387	<0.0874	40.1
NATIVE-BG10@3'	7/29/2025	3	2.79	<74.7	<0.346	<0.16	<41.9	<12.8	<23.7	<0.237	<0.729	<337
NATIVE-BG10@5'	7/29/2025	5	4.37	190	<0.343	<0.15	<41.5	<12.6	<23.5	0.248	<0.722	<334
NATIVE-BG11@3'	7/29/2025	3	2.00	<73.5	<0.340	<0.16	<41.2	<12.5	<23.3	<0.233	<0.717	<331
NATIVE-BG11@5'	7/29/2025	5	1.51	<76.3	<0.354	<0.16	<42.8	<13.0	<24.2	<0.242	<0.744	<344
NATIVE-BG12@3'	7/29/2025	3	1.70	<72.2	<0.335	<0.15	<40.5	<12.3	<22.9	<0.229	<0.704	<326

**TABLE 2-4
SOIL SAMPLE ANALYTICAL RESULTS
METALS
HERMAN L 32-14 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 (0.5'-3')^			4.20	129	0.529	0.19	14.8	20.0	10.8	0.694	NA	72.4
Site-Specific Background Limits (3'-6')^			5.46	238	0.271	0.19	NA	11.6	11.1	0.484	NA	50.1
BACKGROUND SOIL SAMPLES												
NATIVE-BG12@5'	7/29/2025	5	1.10	<73.5	<0.341	<0.16	<41.2	<12.6	<23.3	<0.233	<0.717	<332
NATIVE-BG13@3'	7/29/2025	3	0.931	<74.6	<0.346	<0.15	<41.8	<12.7	<23.6	<0.236	<0.728	<336
NATIVE-BG13@5'	7/29/2025	5	0.914	<76.1	<0.353	<0.16	<42.7	<13.0	<24.1	<0.241	<0.742	<343
NATIVE-BG14@3'	7/29/2025	3	1.10	<73.0	<0.338	<0.16	<40.9	<12.5	<23.1	<0.231	<0.712	<329
NATIVE-BG14@5'	7/29/2025	5	1.39	<72.9	<0.338	<0.16	<40.9	<12.4	<23.1	<0.231	<0.711	<329
NATIVE-BG15@3'	7/29/2025	3	2.71	<77.0	<0.357	<0.15	<43.2	<13.2	<24.4	<0.244	<0.751	<348
NATIVE-BG15@5'	7/29/2025	5	1.70	<73.8	<0.342	<0.15	<41.4	<12.6	<23.4	0.234	<0.720	<333

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 analytical variability of 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.

Shaded Rows are Samples that have been over excavated.

**TABLE 3
GROUNDWATER ANALYTICAL RESULTS
HERMAN L 32-14 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	5,500,000	990,000	2,412,500	
GW01@4.5'	4/22/2025	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	5,010,000	895,000	2,260,000	4.5
GW-FL01@3'	4/24/2025	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	2,690,000	442,000	877,000	3.0
GW-FL02@3'	4/24/2025	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	2,450,000	483,000	866,000	3.0
GW-FL03@3'	4/24/2025	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	7,390,000	1,390,000	3,160,000	3.0
GW-FL04@3'	4/24/2025	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	6,300,000	1,030,000	2,810,000	3.0
GW-FL05(32-14)@2.5'	4/25/2025	2.98	2.76	<1.00	<1.00	<2.00	<2.00	<2.00	4,310,000	666,000	2,040,000	2.5
GW-FL06(32-14)@2.5'	4/25/2025	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	7,310,000	1,210,000	3,750,000	2.5
GW-NATIVE-BG08@4'	4/22/2025	NA	NA	NA	NA	NA	NA	NA	4,400,000	792,000	1,930,000	4.0
GW-NATIVE-BG10@3'	7/29/2025	NA	NA	NA	NA	NA	NA	NA	1,410,000	336,000	696,000	3.0
GW-NATIVE-BG13@3'	7/29/2025	NA	NA	NA	NA	NA	NA	NA	1,200,000	289,000	365,000	3.0
GW-NATIVE-BG15@3'	7/29/2025	NA	NA	NA	NA	NA	NA	NA	2,390,000	497,000	1,030,000	3.0

Notes: ECMC - Energy and Carbon Management Commission
 µg/L - micrograms per liter
 ft bgs - feet below ground surface
 NA - not analyzed/not available
 < - less than laboratory reporting limit
 Excavation groundwater depth is approximate
 Total dissolved solids, chloride ion, and sulfate ion parameters based on background sample (GW-NATIVE-BG08@4') concentration x 1.25
BOLD = Analytical result is in exceedance of ECMC Table 915-1 groundwater standards.