

**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)
<b>RELEASE AREA SAMPLES</b>								
WP01@0.5'	4/3/2025	0.5	1.3	NS	NO	40.175778	-104.803455	Y
WP01@0.5'-V	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	-104.8035	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	-104.80343	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	40.17577	-104.803408	N
<b>WELLHEAD EXCAVATION SAMPLES</b>								
B01(32-14)@5'	4/22/2025	5	2.5	NS	NO	40.175787	-104.803395	Y
B01(32-14)@5'-V	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
WH-RISER(32-14)@4'-V	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	-104.80337	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
<b>FLOWLINE POTHOLE SAMPLES</b>								
FL01@3'	4/24/2025	3	0.4	NS	NO	40.177254	-104.805897	Y
FL01@3'-V	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
FL02@3'-V	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	40.17651	-104.805584	Y
FL03@3'-V	4/24/2025	3	0.8	NS	NO	40.17651	-104.805584	Y
PH08	4/24/2025	3	0.1	NS	NO	40.176351	-104.805527	N

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**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>FLOWLINE POTHOLE SAMPLES</b>								
PH09	4/24/2025	3	0.0	NS	NO	40.1762	-104.805465	N
FL04@3'	4/24/2025	3	0.3	NS	NO	40.176086	-104.805397	Y
FL04@3'-V	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
PH13(32-14)	4/25/2025	3	0.6	NS	NO	40.17585	-104.804602	N
FL06(32-14)@3'	4/25/2025	3	1.3	NS	NO	40.175783	-104.804332	Y
FL06(32-14)@3'-V	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
<b>SEPARATOR RISER SAMPLES</b>								
SEP-RISER(32-14,1)@3'	4/24/2025	3	0.5	NS	NO	40.177426	-104.806292	Y
SEP-RISER(32-14,1)@3'-V	4/24/2025	3	0.5	NS	NO	40.177426	-104.806292	Y
<b>BACKGROUND SOIL SAMPLES</b>								
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

**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

**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 <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>RELEASE AREA SAMPLES</b>												
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
WP01@0.5'-V	4/3/2025	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>WELLHEAD EXCAVATION SAMPLES</b>												
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
B01(32-14)@5'-V	4/22/2025	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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
WH-RISER(32-14)@4'-V	4/22/2025	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>FLOWLINE POTHOLE SAMPLES</b>												
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
FL01@3'-V	4/24/2025	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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
FL02@3'-V	4/24/2025	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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
FL03@3'-V	4/24/2025	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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
FL04@3'-V	4/24/2025	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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
FL05@(32-14)@3'-V	4/25/2025	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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
FL06(32-14)@3'-V	4/25/2025	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>SEPARATOR RISER SAMPLES</b>												
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
SEP-RISER(32-14,1)@3'-V	4/24/2025	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**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  
<sup>+</sup>Allowable level for TPH is 500 mg/kg for combined GRO, DRO, ORO

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 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
<b>RELEASE AREA SAMPLES</b>																
<b>WP01@0.5'</b>	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
<b>WP01@0.5'-V</b>	4/3/2025	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>WELLHEAD EXCAVATION SAMPLES</b>																
<b>B01(32-14)@5'</b>	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
<b>B01(32-14)@5'-V</b>	4/22/2025	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>WH-RISER(32-14)@4'</b>	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
<b>WH-RISER(32-14)@4'-V</b>	4/22/2025	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>FLOWLINE POTHOLE SAMPLES</b>																
<b>FL01@3'</b>	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
<b>FL01@3'-V</b>	4/24/2025	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>FL02@3'</b>	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
<b>FL02@3'-V</b>	4/24/2025	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>FL03@3'</b>	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
<b>FL03@3'-V</b>	4/24/2025	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>FL04@3'</b>	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
<b>FL04@3'-V</b>	4/24/2025	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>FL05@(32-14)@3'</b>	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
<b>FL05@(32-14)@3'-V</b>	4/25/2025	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>FL06(32-14)@3'</b>	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
<b>FL06(32-14)@3'-V</b>	4/25/2025	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>SEPARATOR RISER SAMPLES</b>																
<b>SEP-RISER(32-14,1)@3'</b>	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
<b>SEP-RISER(32-14,1)@3'-V</b>	4/24/2025	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**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

**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')			29.1	44.6	5.57-8.35	6.05
Site-Specific Background Limits (3')			3.96	18.3	8.64	1.04
Site-Specific Background Limits (6')			4.84	15.0	8.66	0.840
<b>RELEASE AREA SAMPLES</b>						
<b>WP01@0.5'</b>	4/3/2025	0.5	11.3*	32.0*	8.40*	1.65
<b>WP01@0.5'-V</b>	4/3/2025	0.5	NA	NA	8.13	NA
<b>WELLHEAD EXCAVATION SAMPLES</b>						
<b>B01(32-14)@5'</b>	4/22/2025	5	2.17	8.04*	8.30	0.645
<b>B01(32-14)@5'-V</b>	4/22/2025	5	NA	NA	7.75	NA
<b>WH-RISER(32-14)@4'</b>	4/22/2025	4	4.09*	15.0*	8.35*	1.35
<b>WH-RISER(32-14)@4'-V</b>	4/22/2025	4	NA	NA	7.98	NA
<b>FLOWLINE POTHOLE SAMPLES</b>						
<b>FL01@3'</b>	4/24/2025	3	0.574	5.21	8.26	0.110
<b>FL01@3'-V</b>	4/24/2025	3	NA	NA	7.68	NA
<b>FL02@3'</b>	4/24/2025	3	0.853	15.4*	8.01	0.201
<b>FL02@3'-V</b>	4/24/2025	3	NA	NA	8.15	NA
<b>FL03@3'</b>	4/24/2025	3	1.50	21.1*	8.39*	1.53
<b>FL03@3'-V</b>	4/24/2025	3	NA	NA	7.95	NA
<b>FL04@3'</b>	4/24/2025	3	4.68*	33.1*	8.48*	1.67
<b>FL04@3'-V</b>	4/24/2025	3	NA	NA	7.94	NA
<b>FL05@(32-14)@3'</b>	4/25/2025	3	2.28	20.9*	<b>8.76</b>	1.37
<b>FL05@(32-14)@3'-V</b>	4/25/2025	3	NA	NA	8.53*	NA
<b>FL06(32-14)@3'</b>	4/25/2025	3	5.39*	7.91*	8.42*	1.40
<b>FL06(32-14)@3'-V</b>	4/25/2025	3	NA	NA	8.14	NA
<b>SEPARATOR RISER SAMPLES</b>						
<b>SEP-RISER(32-14,1)@3'</b>	4/24/2025	3	0.224	1.45	7.51	0.117
<b>SEP-RISER(32-14,1)@3'-V</b>	4/24/2025	3	NA	NA	7.93	NA
<b>BACKGROUND SOIL SAMPLES</b>						
<b>NATIVE-BG01@0.5'</b>	4/3/2025	0.5	3.62	2.76	6.91	1.12
<b>NATIVE-BG02@0.5'</b>	4/3/2025	0.5	0.246	0.749	5.57	0.417
<b>NATIVE-BG03@0.5'</b>	4/3/2025	0.5	22.5	42.0	8.35	4.05
<b>NATIVE-BG04@0.5'</b>	4/3/2025	0.5	29.1	44.6	8.22	6.05
<b>NATIVE-BG05@3'</b>	4/22/2025	3	3.96	18.3	8.64	0.569
<b>NATIVE-BG05@6'</b>	4/22/2025	6	3.26	13.9	8.66	0.483
<b>NATIVE-BG06@3'</b>	4/22/2025	3	2.35	16.3	8.59	1.04
<b>NATIVE-BG06@6'</b>	4/22/2025	6	2.83	15.0	8.62	0.476

**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')			29.1	44.6	5.57-8.35	6.05
Site-Specific Background Limits (3')			3.96	18.3	8.64	1.04
Site-Specific Background Limits (6')			4.84	15.0	8.66	0.840
<b>BACKGROUND SOIL SAMPLES</b>						
<b>NATIVE-BG07@3'</b>	4/22/2025	3	2.37	12.2	8.52	0.438
<b>NATIVE-BG07@6'</b>	4/22/2025	6	2.04	11.0	8.43	0.261
<b>NATIVE-BG08@3'</b>	4/22/2025	3	2.54	12.6	8.60	0.596
<b>NATIVE-BG08@6'</b>	4/22/2025	6	4.84	11.8	8.47	0.840
<b>NATIVE-BG09@3'</b>	4/22/2025	3	1.61	8.87	8.44	0.469
<b>NATIVE-BG09@6'</b>	4/22/2025	6	1.77	7.90	8.59	0.443

**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.

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')^			4.20	115	0.529	NA	14.8	20.0	10.8	0.694	NA	72.4
Site-Specific Background Limits (3')^			3.68	129	0.173	0.188	NA	9.94	10.2	NA	NA	45.8
Site-Specific Background Limits (6')^			3.91	160	0.271	0.100	NA	11.6	11.1	0.484	NA	50.1
<b>RELEASE AREA SAMPLES</b>												
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
WP01@0.5'-V	4/3/2025	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>WELLHEAD EXCAVATION SAMPLES</b>												
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
B01(32-14)@5'-V	4/22/2025	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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
WH-RISER(32-14)@4'-V	4/22/2025	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>FLOWLINE POTHOLE SAMPLES</b>												
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
FL01@3'-V	4/24/2025	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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
FL02@3'-V	4/24/2025	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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
FL03@3'-V	4/24/2025	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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
FL04@3'-V	4/24/2025	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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
FL05@(32-14)@3'-V	4/25/2025	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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
FL06(32-14)@3'-V	4/25/2025	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>SEPARATOR RISER SAMPLES</b>												
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
SEP-RISER(32-14,1)@3'-V	4/24/2025	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>BACKGROUND SOIL SAMPLES</b>												
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

**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')^			4.20	115	0.529	NA	14.8	20.0	10.8	0.694	NA	72.4
Site-Specific Background Limits (3')^			3.68	129	0.173	0.188	NA	9.94	10.2	NA	NA	45.8
Site-Specific Background Limits (6')^			3.91	160	0.271	0.100	NA	11.6	11.1	0.484	NA	50.1
<b>BACKGROUND SOIL SAMPLES</b>												
<b>NATIVE-BG07@3'</b>	4/22/2025	3	1.63	53.2	0.0925	<0.20	<8.73	5.50	5.04	<0.227	<0.0873	<32.3
<b>NATIVE-BG07@6'</b>	4/22/2025	6	1.92	36.2	0.117	<0.20	<9.42	5.00	4.95	0.302	<0.0942	<34.9
<b>NATIVE-BG08@3'</b>	4/22/2025	3	2.72	103	0.138	0.11	<9.25	7.95	8.17	<0.240	<0.0925	36.6
<b>NATIVE-BG08@6'</b>	4/22/2025	6	1.73	128	0.217	0.08	<8.67	6.22	7.80	0.225	<0.0867	35.6
<b>NATIVE-BG09@3'</b>	4/22/2025	3	2.94	59.9	<0.0909	<0.20	<9.09	7.41	7.90	<0.236	<0.0909	<33.6
<b>NATIVE-BG09@6'</b>	4/22/2025	6	3.13	91.7	0.127	<0.19	<8.74	9.24	8.84	0.387	<0.0874	40.1

**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.

**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)
<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>5,500,000</b>	<b>990,000</b>	<b>2,412,500</b>	
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	<b>7,390,000</b>	<b>1,390,000</b>	<b>3,160,000</b>	3.0
GW-FL04@3'	4/24/2025	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<b>6,300,000</b>	<b>1,030,000</b>	<b>2,810,000</b>	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	<b>7,310,000</b>	<b>1,210,000</b>	<b>3,750,000</b>	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

Notes: ECMC - Energy and Carbon Management Commission  
 µg/L - micrograms per liter  
 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-NATIVE-BG08@4') concentration x 1.25  
**BOLD** = Analytical result is in exceedance of ECMC Table 915-1 groundwater standards.