

**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	-104.803500	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
<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	-104.803370	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
<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	40.176510	-104.805584	Y
FL03@3'-V	4/24/2025	3	0.8	NS	NO	40.176510	-104.805584	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)
<b>FLOWLINE POTHOLE SAMPLES</b>								
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
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	40.175850	-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
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

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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)
<b>BACKGROUND SOIL SAMPLES</b>								
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

**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.

**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>												
<b>WP01@0.5'</b>	4/3/2025	0.5	<0.200	<25.0	<100	<0.00200	0.00432	<0.00200	0.00474	0.00246	<0.00200	<0.002
<b>WELLHEAD EXCAVATION SAMPLES</b>												
<b>B01(32-14)@5'</b>	4/22/2025	5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
<b>WH-RISER(32-14)@4'</b>	4/22/2025	4	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
<b>FLOWLINE POTHOLE SAMPLES</b>												
<b>FL01@3'</b>	4/24/2025	3	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
<b>FL02@3'</b>	4/24/2025	3	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
<b>FL03@3'</b>	4/24/2025	3	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
<b>FL04@3'</b>	4/24/2025	3	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
<b>FL05(32-14)@3'</b>	4/25/2025	3	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
<b>FL06(32-14)@3'</b>	4/25/2025	3	<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>SEP-RISER(32-14,1)@3'</b>	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
<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>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>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>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>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>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>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>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>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>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

**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
<b>RELEASE AREA SAMPLES</b>						
WP01@0.5'	4/3/2025	0.5	11.3*	32.0*	8.40*	1.65
WP01@0.5'-V	4/3/2025	0.5	NA	NA	8.13	NA
<b>WELLHEAD EXCAVATION SAMPLES</b>						
B01(32-14)@5'	4/22/2025	5	2.17	8.04*	8.30	0.645
B01(32-14)@5'-V	4/22/2025	5	NA	NA	7.75	NA
WH-RISER(32-14)@4'	4/22/2025	4	4.09*	15.0*	8.35*	1.35
WH-RISER(32-14)@4'-V	4/22/2025	4	NA	NA	7.98	NA
<b>FLOWLINE POTHOLE SAMPLES</b>						
FL01@3'	4/24/2025	3	0.574	5.21	8.26	0.110
FL01@3'-V	4/24/2025	3	NA	NA	7.68	NA
FL02@3'	4/24/2025	3	0.853	15.4*	8.01	0.201
FL02@3'-V	4/24/2025	3	NA	NA	8.15	NA
FL03@3'	4/24/2025	3	1.50	21.1*	8.39*	1.53
FL03@3'-V	4/24/2025	3	NA	NA	7.95	NA
FL04@3'	4/24/2025	3	4.68*	33.1*	8.48*	1.67
FL04@3'-V	4/24/2025	3	NA	NA	7.94	NA
FL05(32-14)@3'	4/25/2025	3	2.28	20.9*	<b>8.76</b>	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
FL06(32-14)@3'-V	4/25/2025	3	NA	NA	8.14	NA
<b>SEPARATOR RISER SAMPLES</b>						
SEP-RISER(32-14,1)@3'	4/24/2025	3	0.224	1.45	7.51	0.117
SEP-RISER(32-14,1)@3'-V	4/24/2025	3	NA	NA	7.93	NA
<b>BACKGROUND SOIL SAMPLES</b>						
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

**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
<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
<b>NATIVE-BG10@3'</b>	7/29/2025	3	0.815	8.31	8.38	0.364
<b>NATIVE-BG10@5'</b>	7/29/2025	5	0.822	6.52	8.23	0.602
<b>NATIVE-BG11@3'</b>	7/29/2025	3	0.803	5.89	7.85	0.196
<b>NATIVE-BG11@5'</b>	7/29/2025	5	0.768	4.97	7.57	0.106
<b>NATIVE-BG12@3'</b>	7/29/2025	3	0.879	3.29	7.43	0.165
<b>NATIVE-BG12@5'</b>	7/29/2025	5	0.603	4.09	8.13	0.104
<b>NATIVE-BG13@3'</b>	7/29/2025	3	0.556	4.32	7.78	0.110
<b>NATIVE-BG13@5'</b>	7/29/2025	5	0.489	3.86	8.07	0.122
<b>NATIVE-BG14@3'</b>	7/29/2025	3	0.508	6.39	8.14	0.208
<b>NATIVE-BG14@5'</b>	7/29/2025	5	0.310	3.11	7.87	<0.0999
<b>NATIVE-BG15@3'</b>	7/29/2025	3	0.944	7.71	7.72	0.278
<b>NATIVE-BG15@5'</b>	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.

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
<b>RELEASE AREA SAMPLES</b>												
<b>WP01@0.5'</b>	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
<b>WELLHEAD EXCAVATION SAMPLES</b>												
<b>B01(32-14)@5'</b>	4/22/2025	5	1.92*	119*	0.303	<0.20	12.9	9.04	10.7	<0.232	<0.0892	52.1
<b>WH-RISER(32-14)@4'</b>	4/22/2025	4	2.48*	82.5*	0.147	0.13*	9.55	10.2	9.42	<0.229	<0.0880	43.7
<b>FLOWLINE POTHOLE SAMPLES</b>												
<b>FL01@3'</b>	4/24/2025	3	1.90*	68.7	<0.0987	<0.401	<9.87	5.12	4.85	<0.257	<0.0987	<36.5
<b>FL02@3'</b>	4/24/2025	3	2.35*	53.1	0.107	<0.417	<9.43	5.89	5.17	0.341*	<0.0943	<34.9
<b>FL03@3'</b>	4/24/2025	3	3.29*	86.7*	0.111	<0.409	<8.94	8.29	7.76	<0.232	<0.0894	41.7
<b>FL04@3'</b>	4/24/2025	3	3.93*	82.4*	0.152	<0.468	<9.82	8.44	8.99	<0.255	<0.0982	41.5
<b>FL05(32-14)@3'</b>	4/25/2025	3	2.92*	73.9	0.146	<0.514	<8.79	7.50	8.89	0.271*	<0.0879	40.8
<b>FL06(32-14)@3'</b>	4/25/2025	3	3.22*	70.5	0.104	<0.5	<8.72	8.09	8.60	<0.227	<0.0872	43.3
<b>SEPARATOR RISER SAMPLES</b>												
<b>SEP-RISER(32-14,1)@3'</b>	4/24/2025	3	2.55*	57.3	<0.0837	<0.405	<8.37	7.07	5.75	<0.218	<0.0837	<31.0
<b>BACKGROUND SOIL SAMPLES</b>												
<b>NATIVE-BG01@0.5'</b>	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
<b>NATIVE-BG02@0.5'</b>	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
<b>NATIVE-BG03@0.5'</b>	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
<b>NATIVE-BG04@0.5'</b>	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
<b>NATIVE-BG05@3'</b>	4/22/2025	3	1.36	49.5	<0.0896	<0.20	<8.96	4.86	4.39	<0.233	<0.0896	<33.2
<b>NATIVE-BG05@6'</b>	4/22/2025	6	1.35	43.1	0.0969	<0.21	<9.41	5.02	4.61	<0.245	<0.0941	<34.8
<b>NATIVE-BG06@3'</b>	4/22/2025	3	1.41	45.2	<0.0891	0.15	<8.91	5.21	4.55	<0.232	<0.0891	<33.0
<b>NATIVE-BG06@6'</b>	4/22/2025	6	1.07	42.6	0.124	<0.20	<8.66	4.48	4.13	<0.225	<0.0866	<32.0
<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
<b>NATIVE-BG10@3'</b>	7/29/2025	3	2.79	<74.7	<0.346	<0.16	<41.9	<12.8	<23.7	<0.237	<0.729	<337
<b>NATIVE-BG10@5'</b>	7/29/2025	5	4.37	190	<0.343	<0.15	<41.5	<12.6	<23.5	0.248	<0.722	<334
<b>NATIVE-BG11@3'</b>	7/29/2025	3	2.00	<73.5	<0.340	<0.16	<41.2	<12.5	<23.3	<0.233	<0.717	<331
<b>NATIVE-BG11@5'</b>	7/29/2025	5	1.51	<76.3	<0.354	<0.16	<42.8	<13.0	<24.2	<0.242	<0.744	<344
<b>NATIVE-BG12@3'</b>	7/29/2025	3	1.70	<72.2	<0.335	<0.15	<40.5	<12.3	<22.9	<0.229	<0.704	<326
<b>NATIVE-BG12@5'</b>	7/29/2025	5	1.10	<73.5	<0.341	<0.16	<41.2	<12.6	<23.3	<0.233	<0.717	<332
<b>NATIVE-BG13@3'</b>	7/29/2025	3	0.931	<74.6	<0.346	<0.15	<41.8	<12.7	<23.6	<0.236	<0.728	<336

**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
<b>BACKGROUND SOIL SAMPLES</b>												
<b>NATIVE-BG13@5'</b>	7/29/2025	5	0.914	<76.1	<0.353	<0.16	<42.7	<13.0	<24.1	<0.241	<0.742	<343
<b>NATIVE-BG14@3'</b>	7/29/2025	3	1.10	<73.0	<0.338	<0.16	<40.9	<12.5	<23.1	<0.231	<0.712	<329
<b>NATIVE-BG14@5'</b>	7/29/2025	5	1.39	<72.9	<0.338	<0.16	<40.9	<12.4	<23.1	<0.231	<0.711	<329
<b>NATIVE-BG15@3'</b>	7/29/2025	3	2.71	<77.0	<0.357	<0.15	<43.2	<13.2	<24.4	<0.244	<0.751	<348
<b>NATIVE-BG15@5'</b>	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)
<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
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.