

TABLE 1
SOIL SAMPLE FIELD DATA SUMMARY TABLE
SHERWOOD L FED 30-29D AND L30-28D, 30D, 31D, 32D WELLHEADS
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)
SHERWOOD L FED 30-29D WELLHEAD EXCAVATION SAMPLES								
N Wall/WH01-RISER@3' (30-29D)	8/29/2023	3	3.2	NS	NO	40.20082856	-104.8272821	Y
E Wall (30-29D)	8/29/2023	3	0.0	NS	NO	40.20083061	-104.8272357	N
S Wall (30-29D)	8/29/2023	3	0.0	NS	NO	40.20079359	-104.8272544	N
W Wall (30-29D)	8/29/2023	3	0.3	NS	NO	40.20083026	-104.8272972	N
B01@5' (30-29D)	8/29/2023	5	4.3	NS	NO	40.20081282	-104.8272763	Y
SHERWOOD L30-30D WELLHEAD EXCAVATION SAMPLES								
B01@6'(L30-30D)	8/27/2024	6	2.6	NS	NO	40.200832	-104.827342	Y
B01@6'(L30-30D)-V	8/27/2024	6	2.6	NS	NO	40.200832	-104.827342	Y
WH01-RISER@3'(L30-30D)	8/27/2024	3	0.9	NS	NO	40.200831	-104.827337	Y
WH01-RISER@3'(L30-30D)-V	8/27/2024	3	0.9	NS	NO	40.200831	-104.827337	Y
N WALL (L30-30D)	8/27/2024	3	0.2	NS	NO	40.200843	-104.827344	N
E WALL (L30-30D)	8/27/2024	3	0.3	NS	NO	40.200831	-104.827326	N
S WALL (L30-30D)	8/27/2024	3	0.2	NS	NO	40.200816	-104.827346	N
W WALL (L30-30D)	8/27/2024	3	0.2	NS	NO	40.200834	-104.827364	N
N01(L30-30D)@4.5'	10/16/2024	4.5	0.8	NS	NO	40.200842	-104.827344	Y
N01(L30-30D)@4.5'-V	10/16/2024	4.5	0.8	NS	NO	40.200842	-104.827344	Y
E01(L30-30D)@4.5'	10/16/2024	4.5	1.0	NS	NO	40.200831	-104.827329	Y
E01(L30-30D)@4.5'-V	10/16/2024	4.5	1.0	NS	NO	40.200831	-104.827329	Y
S01(L30-30D)@4.5'	10/16/2024	4.5	1.4	NS	NO	40.20082	-104.827345	Y
S01(L30-30D)@4.5'-V	10/16/2024	4.5	1.4	NS	NO	40.20082	-104.827345	Y
W01(L30-30D)@4.5'	10/16/2024	4.5	0.9	NS	NO	40.200833	-104.827357	Y
	10/31/2024	4.5	0.2	NS	NO	40.200833	-104.827357	Y
W01(L30-30D)@4.5'-V	10/16/2024	4.5	0.9	NS	NO	40.200833	-104.827357	Y
B01(L30-30D)@9'	10/16/2024	9	1.3	NS	NO	40.200832	-104.827342	Y
B01(L30-30D)@9'-V	10/16/2024	9	1.3	NS	NO	40.200832	-104.827342	Y
SHERWOOD L30-31D WELLHEAD EXCAVATION SAMPLES								
B01@6'(L30-31D)	8/27/2024	6	0.8	NS	NO	40.200812	-104.827204	Y
B01@6'(L30-31D)-V	8/27/2024	6	0.8	NS	NO	40.200812	-104.827204	Y
WH01-RISER@3'(L30-31D)	8/27/2024	3	0.3	NS	NO	40.200819	-104.827208	Y
WH01-RISER@3'(L30-31D)-V	8/27/2024	3	0.3	NS	NO	40.200819	-104.827208	Y
N WALL (L30-31D)	8/27/2024	3	0.2	NS	NO	40.200825	-104.827199	N
E WALL (L30-31D)	8/27/2024	3	0.3	NS	NO	40.200807	-104.827186	N
S WALL (L30-31D)	8/27/2024	3	0.5	NS	NO	40.200792	-104.827202	N
W WALL (L30-31D)	8/27/2024	3	0.7	NS	NO	40.200807	-104.827219	N
N01(L30-31D)@4.5'	10/16/2024	4.5	1.7	NS	NO	40.200822	-104.827205	Y
N01(L30-31D)@4.5'-V	10/16/2024	4.5	1.7	NS	NO	40.200822	-104.827205	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)
E01(L30-31D)@4.5'	10/16/2024	4.5	0.8	NS	NO	40.20081	-104.82719	Y
	10/31/2024	4.5	0.3	NS	NO	40.20081	-104.82719	Y
E01(L30-31D)@4.5'-V	10/16/2024	4.5	0.8	NS	NO	40.20081	-104.82719	Y
S01(L30-31D)@4.5'	10/16/2024	4.5	1.3	NS	NO	40.2008	-104.827202	Y
S01(L30-31D)@4.5'-V	10/16/2024	4.5	1.3	NS	NO	40.2008	-104.827202	Y
W01(L30-31D)@4.5'	10/16/2024	4.5	0.4	NS	NO	40.200809	-104.827216	Y
	10/31/2024	4.5	0.1	NS	NO	40.200809	-104.827216	Y
W01(L30-31D)@4.5'-V	10/16/2024	4.5	0.4	NS	NO	40.200809	-104.827216	Y
B01(L30-31D)@9'	10/16/2024	9	0.7	NS	NO	40.200812	-104.827204	Y
B01(L30-31D)@9'-V	10/16/2024	9	0.7	NS	NO	40.200812	-104.827204	Y
SHERWOOD L30-32D WELLHEAD EXCAVATION SAMPLES								
B01@6'(L30-32D)	8/27/2024	6	0.7	NS	NO	40.200801	-104.827134	Y
B01@6'(L30-32D)-V	8/27/2024	6	0.7	NS	NO	40.200801	-104.827134	Y
WH01-RISER@3'(L30-32D)	8/27/2024	3	0.8	NS	NO	40.200812	-104.82715	Y
WH01-RISER@3'(L30-32D)-V	8/27/2024	3	0.8	NS	NO	40.200812	-104.82715	Y
N WALL (L30-32D)	8/27/2024	3	0.9	NS	NO	40.200814	-104.827131	N
E WALL (L30-32D)	8/27/2024	3	0.8	NS	NO	40.200803	-104.827118	N
S WALL (L30-32D)	8/27/2024	3	0.4	NS	NO	40.200787	-104.827133	N
W WALL (L30-32D)	8/27/2024	3	0.4	NS	NO	40.200804	-104.827157	N
N01(L30-32D)@4.5'	10/16/2024	4.5	1.0	NS	NO	40.200817	-104.827131	Y
	10/31/2024	4.5	0.1	NS	NO	40.200817	-104.827131	Y
N01(L30-32D)@4.5'-V	10/16/2024	4.5	0.1	NS	NO	40.200817	-104.827131	Y
E01(L30-32D)@4.5'	10/16/2024	4.5	1.2	NS	NO	40.200802	-104.82712	Y
E01(L30-32D)@4.5'-V	10/16/2024	4.5	1.2	NS	NO	40.200802	-104.82712	Y
S01(L30-32D)@4.5'	10/16/2024	4.5	0.9	NS	NO	40.20079	-104.827133	Y
	10/31/2024	4.5	0.2	NS	NO	40.20079	-104.827133	Y
S01(L30-32D)@4.5'-V	10/16/2024	4.5	0.9	NS	NO	40.20079	-104.827133	Y
W01(L30-32D)@4.5'	10/16/2024	4.5	0.6	NS	NO	40.200805	-104.827153	Y
W01(L30-32D)@4.5'-V	10/16/2024	4.5	0.6	NS	NO	40.200805	-104.827153	Y
B01(L30-32D)@9'	10/16/2024	9	0.8	NS	NO	40.200801	-104.827134	Y
B01(L30-32D)@9'-V	10/16/2024	9	0.8	NS	NO	40.200801	-104.827134	Y
SHERWOOD L30-28D WELLHEAD EXCAVATION SAMPLES								
B01@6'(L30-28D)	8/27/2024	6	1.3	NS	NO	40.200793	-104.827052	Y
B01@6'(L30-28D)-V	8/27/2024	6	1.3	NS	NO	40.200793	-104.827052	Y
WH01-RISER@3'(L30-28D)	8/27/2024	3	0.5	NS	NO	40.200798	-104.827063	Y
WH01-RISER@3'(L30-28D)-V	8/27/2024	3	0.5	NS	NO	40.200798	-104.827063	Y
N WALL (L30-28D)	8/27/2024	3	0.6	NS	NO	40.200806	-104.827049	N

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E WALL (L30-28D)	8/27/2024	3	0.4	NS	NO	40.200792	-104.827032	N
S WALL (L30-28D)	8/27/2024	3	0.5	NS	NO	40.200777	-104.827053	N
W WALL (L30-28D)	8/27/2024	3	0.4	NS	NO	40.200793	-104.827067	N
COMBINED WELLHEAD EXCAVATION SAMPLES								
N01(30-30,31,32)@4.5'	11/20/2024	4.5	0.9	NS	NO	40.200835	-104.827284	Y
N02(30-30,31,32)@4.5'	11/20/2024	4.5	0.9	NS	NO	40.200826	-104.827206	Y
N03(30-30,31,32)@4.5'	11/20/2024	4.5	1.2	NS	NO	40.200817	-104.827135	Y
E01(30-30,31,32)@4.5'	11/20/2024	4.5	1.2	NS	NO	40.2008	-104.827091	Y
S01(30-30,31,32)@4.5'	11/20/2024	4.5	1.1	NS	NO	40.20078	-104.827134	Y
S02(30-30,31,32)@4.5'	11/20/2024	4.5	1.2	NS	NO	40.200773	-104.827201	Y
S03(30-30,31,32)@4.5'	11/20/2024	4.5	1.4	NS	NO	40.200795	-104.82727	Y
S04(30-30,31,32)@4.5'	11/20/2024	4.5	0.9	NS	NO	40.200786	-104.827329	Y
W01(30-30,31,32)@4.5'	11/20/2024	4.5	0.7	NS	NO	40.200812	-104.827356	Y
B01(30-30,31,32)@11'	11/20/2024	11	1.2	NS	NO	40.20081	-104.827203	Y
B02(30-30,31,32)@11'	11/20/2024	11	1.3	NS	NO	40.200801	-104.827135	Y
SURFACE SCREENING LOCATIONS								
FS01 (30-29D)	8/29/2023	0.5	2.7	NS	NO	40.20081084	-104.8269669	N
FS02 (30-29D)	8/29/2023	0.5	1.6	NS	NO	40.20073976	-104.8271853	N
FS03 (30-29D)	8/29/2023	0.5	0.6	NS	NO	40.20081399	-104.8274149	N
FS04	8/27/2024	0.5	1.0	NS	NO	40.200879	-104.827406	N
FS05	8/27/2024	0.5	1.2	NS	NO	40.200858	-104.82723	N
FS06	8/27/2024	0.5	0.4	NS	NO	40.200846	-104.827121	N
FS07	8/27/2024	0.5	0.7	NS	NO	40.200832	-104.827026	N
FS08	8/27/2024	0.5	0.9	NS	NO	40.200747	-104.826955	N
FS09	8/27/2024	0.5	1.6	NS	NO	40.200731	-104.827074	N
FS10	8/27/2024	0.5	0.0	NS	NO	40.200756	-104.827257	N
FS11	8/27/2024	0.5	0.1	NS	NO	40.200771	-104.827384	N
FLOWLINE POTHOLE SAMPLES								
PH01(L30-28D)	8/28/2024	3	1.8	NS	NO	40.200935	-104.827144	N
PH02(L30-32D)	8/28/2024	4	7.2	NS	NO	40.200931	-104.827162	N
PH03(L30-31D)	8/28/2024	4	1.1	NS	NO	40.200941	-104.827213	N
PH04(L30-28D,32D)-A	8/28/2024	6	1.4	NS	NO	40.201119	-104.827152	N
PH04(L30-29D,30D,31D)-B	8/28/2024	6	0.9	NS	NO	40.201126	-104.827167	N
PH05(L30-28D,32D)-A	8/28/2024	6	1.2	NS	NO	40.201298	-104.827076	N
PH05(L30-29D,30D,31D)-B	8/28/2024	6	1.2	NS	NO	40.20131	-104.827116	N
FL01(L30-29D,31D,32D)@5'	8/30/2024	5	1.0	NS	NO	40.201343	-104.827076	Y
FL01(L30-29D,31D,32D)@5'-V	8/30/2024	5	1.0	NS	NO	40.201343	-104.827076	Y

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FL02(L30-29D,31D,32D)@5'	8/30/2024	5	0.8	NS	NO	40.201347	-104.827067	Y
FL02(L30-29D,31D,32D)@5'-V	8/30/2024	5	0.8	NS	NO	40.201347	-104.827067	Y
PH08(L30-29D,31D,32D)	8/30/2024	6	0.4	NS	NO	40.201397	-104.827227	N
PH09(L30-29D,31D,32D)	8/30/2024	3	0.6	NS	NO	40.201485	-104.827438	N
FL03(L30-29D,31D,32D)@3'	8/30/2024	3	0.9	NS	NO	40.201566	-104.827643	Y
FL03(L30-29D,31D,32D)@3'-V	8/30/2024	3	0.9	NS	NO	40.201566	-104.827643	Y
FL04(L30-29D,31D,32D)@3'	8/30/2024	3	1.2	NS	NO	40.201561	-104.827645	Y
FL04(L30-29D,31D,32D)@3'-V	8/30/2024	3	1.2	NS	NO	40.201561	-104.827645	Y
FL03/FL04-N01@2'	9/19/2024	2	0.4	NS	NO	40.201537	-104.827604	Y
FL03/FL04-E01@2'	9/19/2024	2	0.2	NS	NO	40.201533	-104.827595	Y
FL03/FL04-S01@2'	9/19/2024	2	0.1	NS	NO	40.201524	-104.827598	Y
FL03/FL04-W01@2'	9/19/2024	2	0.7	NS	NO	40.20153	-104.827607	Y
FL03/FL04-B01@2'	9/19/2024	2	0.2	NS	NO	40.201531	-104.8276	Y
FL03/FL04-N02@3'	10/16/2024	3	1.0	NS	NO	40.20154	-104.827588	Y
FL03/FL04-N02@3'-V	10/16/2024	3	1.0	NS	NO	40.20154	-104.827588	Y
FL03/FL04-E02@3'	10/16/2024	3	1.3	NS	NO	40.201521	-104.827584	Y
FL03/FL04-E02@3'-V	10/16/2024	3	1.3	NS	NO	40.201521	-104.827584	Y
FL03/FL04-S02@3'	10/16/2024	3	2.9	NS	NO	40.201516	-104.827618	Y
FL03/FL04-S02@3'-V	10/16/2024	3	2.9	NS	NO	40.201516	-104.827618	Y
FL03/FL04-B01@6'	10/16/2024	6	1.4	NS	NO	40.201526	-104.827605	Y
FL03/FL04-B01@6'-V	10/16/2024	6	1.4	NS	NO	40.201526	-104.827605	Y
FL03/FL04-W02@3'	10/31/2024	3	0.2	NS	NO	40.201535	-104.82762	Y
FL03/FL04-W03@4'	11/20/2024	4	0.8	NS	NO	40.201537	-104.827621	Y
FL03/FL04-E03@4'	11/20/2024	4	0.1	NS	NO	40.20152	-104.827573	Y
FL03/FL04-B01@9'	11/20/2024	9	0.8	NS	NO	40.201526	-104.827605	Y
SEPARATOR RISER SAMPLES								
SEP01-RISER (30-29D)@5'	8/29/2023	5	0.2	NS	NO	40.20168924	-104.8277076	Y
SEP01-RISER (30-30D)@5'	8/29/2023	5	1.4	NS	NO	40.20172468	-104.8278086	Y
SEP-RISER(L30-28D)@2'	8/28/2024	2	1.1	NS	NO	40.20167800	-104.82771	Y
	9/3/2024		8.8	NS	NO	40.20167800	-104.82771	Y
SEP-RISER(L30-28D)@2'-V	8/28/2024	2	1.1	NS	NO	40.20167800	-104.82771	Y
SEP-RISER(L30-31D)@2'	8/28/2024	2	0.5	NS	NO	40.20170800	-104.827817	Y
	9/3/2024		3.5	NS	NO	40.20170800	-104.827817	Y
SEP-RISER(L30-31D)@2'-V	8/28/2024	2	0.5	NS	NO	40.20170800	-104.827817	Y
SEP-RISER(L30-32D)@2'	8/28/2024	2	0.7	NS	NO	40.20171200	-104.827837	Y
SEP-RISER(L30-32D)@2'-V	8/28/2024	2	0.7	NS	NO	40.20171200	-104.827837	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)
BACKGROUND SOIL SAMPLES								
NATIVE-BG01@2.5'	8/29/2023	2.5	2.7	NS	NO	40.20081508	-104.8269602	Y
NATIVE-BG01@5'	8/29/2023	5	3.0	NS	NO	40.20081508	-104.8269602	Y
NATIVE-BG02@2.5'	8/29/2023	2.5	2.0	NS	NO	40.20074079	-104.8271768	Y
NATIVE-BG02@5'	8/29/2023	5	3.1	NS	NO	40.20074079	-104.8271768	Y
NATIVE-BG03@2.5'	8/29/2023	2.5	2.6	NS	NO	40.20083369	-104.8274285	Y
NATIVE-BG03@5'	8/29/2023	5	2.5	NS	NO	40.20083369	-104.8274285	Y
NATIVE-BG04@3'	8/27/2024	3	0.6	NS	NO	40.200964	-104.827325	Y
NATIVE-BG04@6'	8/27/2024	6	0.1	NS	NO	40.200964	-104.827325	Y
NATIVE-BG05@3'	8/27/2024	3	0.2	NS	NO	40.200891	-104.827005	Y
NATIVE-BG05@6'	8/27/2024	6	0.0	NS	NO	40.200891	-104.827005	Y
NATIVE-BG06@3'	8/27/2024	3	0.3	NS	NO	40.200771	-104.82686	Y
NATIVE-BG06@6'	8/27/2024	6	0.0	NS	NO	40.200771	-104.82686	Y
NATIVE-BG07@3'	8/27/2024	3	0.1	NS	NO	40.200698	-104.827183	Y
NATIVE-BG07@6'	8/27/2024	6	0.0	NS	NO	40.200698	-104.827183	Y
NATIVE-BG08@3'	8/27/2024	3	0.2	NS	NO	40.2007	-104.82745	Y
NATIVE-BG08@6'	8/27/2024	6	0.1	NS	NO	40.2007	-104.82745	Y
NATIVE-BG09@3'	8/27/2024	3	0.0	NS	NO	40.200826	-104.827554	Y
NATIVE-BG09@6'	8/27/2024	6	0.2	NS	NO	40.200826	-104.827554	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
SHERWOOD L FED 30-29D AND L30-28D, 30D, 31D, 32D WELLHEADS
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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
SHERWOOD L FED 30-29D WELLHEAD EXCAVATION SAMPLES												
WH01-RISER@3' (30-29D)	8/29/2023	3	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00380
B01@5' (30-29D)	8/29/2023	5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00380
SHERWOOD L30-30D WELLHEAD EXCAVATION SAMPLES												
B01@6'(L30-30D)	8/27/2024	6	<0.200	26.5	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
B01@6'(L30-30D)-V	8/27/2024	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WH01-RISER@3'(L30-30D)	8/27/2024	3	<0.200	<25.0	<100	0.00234	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	0.002
WH01-RISER@3'(L30-30D)-V	8/27/2024	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N01(L30-30D)@4.5'	10/16/2024	4.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
N01(L30-30D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E01(L30-30D)@4.5'	10/16/2024	4.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
E01(L30-30D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S01(L30-30D)@4.5'	10/16/2024	4.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	0.011
S01(L30-30D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W01(L30-30D)@4.5'	10/16/2024	4.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
	10/31/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W01(L30-30D)@4.5'	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B01(L30-30D)@9'	10/16/2024	9	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
B01(L30-30D)@9'-V	10/16/2024	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SHERWOOD L30-31D WELLHEAD EXCAVATION SAMPLES												
B01@6'(L30-31D)	8/27/2024	6	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
B01@6'(L30-31D)-V	8/27/2024	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WH01-RISER@3'(L30-31D)	8/27/2024	3	<0.200	91.3	228	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	0.003
WH01-RISER@3'(L30-31D)-V	8/27/2024	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N01(L30-31D)@4.5'	10/16/2024	4.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
N01(L30-31D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/16/2024	4.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
E01(L30-31D)@4.5'	10/31/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S01(L30-31D)@4.5'	10/16/2024	4.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
S01(L30-31D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W01(L30-31D)@4.5'	10/16/2024	4.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
	10/31/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W01(L30-31D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B01(L30-31D)@9'	10/16/2024	9	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
B01(L30-31D)@9'-V	10/16/2024	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SHERWOOD L30-32D WELLHEAD EXCAVATION SAMPLES												
B01@6'(L30-32D)	8/27/2024	6	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
B01@6'(L30-32D)-V	8/27/2024	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WH01-RISER@3'(L30-32D)	8/27/2024	3	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	0.002
WH01-RISER@3'(L30-32D)-V	8/27/2024	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N01(L30-32D)@4.5'	10/16/2024	4.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
	10/31/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N01(L30-32D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 2-1
SOIL SAMPLE ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS AND TOTAL PETROLEUM HYDROCARBONS
SHERWOOD L FED 30-29D AND L30-28D, 30D, 31D, 32D WELLHEADS
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
E01(L30-32D)@4.5'	10/16/2024	4.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
E01(L30-32D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S01(L30-32D)@4.5'	10/16/2024	4.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
	10/31/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S01(L30-32D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W01(L30-32D)@4.5'	10/16/2024	4.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
W01(L30-32D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B01(L30-32D)@9'	10/16/2024	9	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
B01(L30-32D)@9'-V	10/16/2024	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SHERWOOD L30-28D WELLHEAD EXCAVATION SAMPLES												
B01@6'(L30-28D)	8/27/2024	6	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
B01@6'(L30-28D)-V	8/27/2024	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WH01-RISER@3'(L30-28D)	8/27/2024	3	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
WH01-RISER@3'(L30-28D)-V	8/27/2024	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLOWLINE POTHOLE SAMPLES												
FL01(L30-29D,31D,32D)@5'	8/30/2024	5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
FL01(L30-29D,31D,32D)@5'-V	8/30/2024	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL02(L30-29D,31D,32D)@5'	8/30/2024	5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
FL02(L30-29D,31D,32D)@5'-V	8/30/2024	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL03(L30-29D,31D,32D)@3'	8/30/2024	3	<0.200	80.3	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	0.232
FL03(L30-29D,31D,32D)@3'-V	8/30/2024	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL04(L30-29D,31D,32D)@3'	8/30/2024	3	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	0.039
FL04(L30-29D,31D,32D)@3'-V	8/30/2024	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL03/FL04-N01@2'	9/19/2024	2	<0.200	<25.0	<100	NA	NA	NA	NA	NA	NA	0.003
FL03/FL04-E01@2'	9/19/2024	2	<0.200	<25.0	<100	NA	NA	NA	NA	NA	NA	<0.002
FL03/FL04-S01@2'	9/19/2024	2	<0.200	<25.0	<100	NA	NA	NA	NA	NA	NA	<0.002
FL03/FL04-W01@2'	9/19/2024	2	<0.200	<25.0	<100	NA	NA	NA	NA	NA	NA	<0.002
FL03/FL04-B01@2'	9/19/2024	2	<0.200	<25.0	<100	NA	NA	NA	NA	NA	NA	<0.002
FL03/FL04-N02@3'	10/16/2024	3	<0.200	<25.0	<100	NA	NA	NA	NA	NA	NA	<0.002
FL03/FL04-N02@3'-V	10/16/2024	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL03/FL04-E02@3'	10/16/2024	3	<0.200	<25.0	<100	NA	NA	NA	NA	NA	NA	<0.002
FL03/FL04-E02@3'-V	10/16/2024	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL03/FL04-S02@3'	10/16/2024	3	<0.200	<25.0	<100	NA	NA	NA	NA	NA	NA	<0.002
FL03/FL04-S02@3'-V	10/16/2024	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL03/FL04-B01@6'	10/16/2024	6	<0.200	<25.0	<100	NA	NA	NA	NA	NA	NA	0.010
FL03/FL04-B01@6'-V	10/16/2024	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL03/FL04-W02@3'	10/31/2024	3	<0.200	<25.0	<100	NA	NA	NA	NA	NA	NA	<0.002
SEPARATOR RISER SAMPLES												
SEP01-RISER (30-29D)@5'	8/29/2023	5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00380
SEP01-RISER (30-30D)@5'	8/29/2023	5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00380
SEP-RISER(L30-28D)@2'	8/28/2024	2	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
	9/3/2024		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEP-RISER(L30-28D)@2'-V	8/28/2024	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 2-1
SOIL SAMPLE ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS AND TOTAL PETROLEUM HYDROCARBONS
SHERWOOD L FED 30-29D AND L30-28D, 30D, 31D, 32D WELLHEADS
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
SEP-RISER(L30-31D)@2'	8/28/2024	2	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
	9/3/2024		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEP-RISER(L30-31D)@2'-V	8/28/2024	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEP-RISER(L30-32D)@2'	8/28/2024	2	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
SEP-RISER(L30-32D)@2'-V	8/28/2024	2	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

+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 and background

TABLE 2-2
SOIL SAMPLE ANALYTICAL RESULTS
POLYCYCLIC AROMATIC HYDROCARBONS
SHERWOOD L FED 30-29D AND L30-28D, 30D, 31D, 32D WELLHEADS
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
SHERWOOD L FED 30-29D WELLHEAD EXCAVATION SAMPLES																
WH01-RISER@3' (30-29D)	8/29/2023	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B01@5' (30-29D)	8/29/2023	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SHERWOOD L30-30D WELLHEAD EXCAVATION SAMPLES																
B01@6'(L30-30D)	8/27/2024	6	<0.020	<0.020	0.007	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.003	0.003	<0.020
B01@6'(L30-30D)-V	8/27/2024	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WH01-RISER@3'(L30-30D)	8/27/2024	3	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.011	0.011	<0.020
WH01-RISER@3'(L30-30D)-V	8/27/2024	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.006	NA	NA
N01(L30-30D)@4.5'	10/16/2024	4.5	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.003	0.002	<0.020
N01(L30-30D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E01(L30-30D)@4.5'	10/16/2024	4.5	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.004	0.005	<0.020
E01(L30-30D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S01(L30-30D)@4.5'	10/16/2024	4.5	<0.020	0.026	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.026	0.039	<0.020
S01(L30-30D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W01(L30-30D)@4.5'	10/16/2024	4.5	<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
	10/31/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W01(L30-30D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B01(L30-30D)@9'	10/16/2024	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
B01(L30-30D)@9'-V	10/16/2024	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SHERWOOD L30-31D WELLHEAD EXCAVATION SAMPLES																
B01@6'(L30-31D)	8/27/2024	6	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.007	0.006	<0.020
B01@6'(L30-31D)-V	8/27/2024	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.002	NA	NA
WH01-RISER@3'(L30-31D)	8/27/2024	3	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.012	0.013	0.021
WH01-RISER@3'(L30-31D)-V	8/27/2024	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005	NA	NA
N01(L30-31D)@4.5'	10/16/2024	4.5	<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
N01(L30-31D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E01(L30-31D)@4.5'	10/16/2024	4.5	<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
	10/31/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E01(L30-31D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S01(L30-31D)@4.5'	10/16/2024	4.5	<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(L30-31D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W01(L30-31D)@4.5'	10/16/2024	4.5	<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
	10/31/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W01(L30-31D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B01(L30-31D)@9'	10/16/2024	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
B01(L30-31D)@9'-V	10/16/2024	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SHERWOOD L30-32D WELLHEAD EXCAVATION SAMPLES																
B01@6'(L30-32D)	8/27/2024	6	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.003	0.003	<0.020
B01@6'(L30-32D)-V	8/27/2024	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WH01-RISER@3'(L30-32D)	8/27/2024	3	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.004	0.005	<0.020
WH01-RISER@3'(L30-32D)-V	8/27/2024	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N01(L30-32D)@4.5'	10/16/2024	4.5	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.004	0.004	<0.020
	10/31/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N01(L30-32D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E01(L30-32D)@4.5'	10/16/2024	4.5	<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(L30-32D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 2-2
SOIL SAMPLE ANALYTICAL RESULTS
POLYCYCLIC AROMATIC HYDROCARBONS
SHERWOOD L FED 30-29D AND L30-28D, 30D, 31D, 32D WELLHEADS
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
S01(L30-32D)@4.5'	10/16/2024	4.5	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.004	0.003	<0.020
	10/31/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S01(L30-32D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W01(L30-32D)@4.5'	10/16/2024	4.5	<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(L30-32D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B01(L30-32D)@9'	10/16/2024	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
B01(L30-32D)@9'-V	10/16/2024	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SHERWOOD L30-28D WELLHEAD EXCAVATION SAMPLES																
B01@6'(L30-28D)	8/27/2024	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
B01@6'(L30-28D)-V	8/27/2024	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WH01-RISER@3'(L30-28D)	8/27/2024	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
WH01-RISER@3'(L30-28D)-V	8/27/2024	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLOWLINE POTHOLE SAMPLES																
FL01(L30-29D,31D,32D)@5'	8/30/2024	5	<0.020	<0.020	0.050	0.035	<0.020	0.038	0.039	<0.020	0.134	<0.020	0.021	<0.002	<0.002	0.112
FL01(L30-29D,31D,32D)@5'-V	8/30/2024	5	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL02(L30-29D,31D,32D)@5'	8/30/2024	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
FL02(L30-29D,31D,32D)@5'-V	8/30/2024	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL03(L30-29D,31D,32D)@3'	8/30/2024	3	0.589	1.16	1.44	0.508	0.548	0.900	1.36	0.131	5.84	0.736	0.712	0.042	0.072	4.14
FL03(L30-29D,31D,32D)@3'-V	8/30/2024	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL04(L30-29D,31D,32D)@3'	8/30/2024	3	0.064	0.151	0.295	0.201	0.097	0.227	0.236	0.031	0.725	0.078	0.135	0.005	0.010	0.626
FL04(L30-29D,31D,32D)@3'-V	8/30/2024	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL03/FL04-N01@2'	9/19/2024	2	0.025	0.071	0.174	0.118	0.051	0.126	0.141	<0.020	0.482	0.028	0.074	<0.002	<0.002	0.353
FL03/FL04-E01@2'	9/19/2024	2	<0.020	<0.020	0.015	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	0.025
FL03/FL04-S01@2'	9/19/2024	2	0.022	0.070	0.158	0.103	0.043	0.102	0.151	<0.020	0.440	0.029	0.063	<0.002	<0.002	0.328
FL03/FL04-W01@2'	9/19/2024	2	<0.020	<0.020	0.009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	0.020
FL03/FL04-B01@2'	9/19/2024	2	<0.020	0.031	0.015	<0.020	<0.020	<0.020	<0.020	<0.020	0.042	<0.020	<0.020	<0.002	<0.002	0.035
FL03/FL04-N02@3'	10/16/2024	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
FL03/FL04-N02@3'	10/16/2024	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
FL03/FL04-E02@3'	10/16/2024	3	<0.020	<0.020	0.037	0.040	<0.020	0.038	0.046	<0.020	0.101	<0.020	0.025	<0.002	<0.002	0.090
FL03/FL04-E02@3'-V	10/16/2024	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL03/FL04-S02@3'	10/16/2024	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
FL03/FL04-S02@3'-V	10/16/2024	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL03/FL04-B01@6'	10/16/2024	6	0.032	0.075	0.107	0.111	0.047	0.088	0.118	<0.020	0.391	0.040	0.059	0.002	0.003	0.306
FL03/FL04-B01@6'-V	10/16/2024	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL03/FL04-W02@3'	10/31/2024	3	<0.020	0.038	0.091	0.072	0.034	0.092	0.081	<0.020	0.212	<0.020	0.055	<0.002	<0.002	0.177
SEPARATOR RISER SAMPLES																
SEP01-RISER (30-29D)@5'	8/29/2023	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEP01-RISER (30-30D)@5'	8/29/2023	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEP-RISER(L30-28D)@2'	8/28/2024	2	<0.020	<0.020	0.024	<0.020	<0.020	0.026	0.029	<0.020	0.03	<0.020	<0.020	<0.002	<0.002	0.049
	9/3/2024		NA	NA	0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEP-RISER(L30-28D)@2'-V	8/28/2024	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEP-RISER(L30-31D)@2'	8/28/2024	2	<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
	9/3/2024		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEP-RISER(L30-31D)@2'-V	8/28/2024	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEP-RISER(L30-32D)@2'	8/28/2024	2	<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
SEP-RISER(L30-32D)@2'-V	8/28/2024	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 2-2
SOIL SAMPLE ANALYTICAL RESULTS
POLYCYCLIC AROMATIC HYDROCARBONS
SHERWOOD L FED 30-29D AND L30-28D, 30D, 31D, 32D WELLHEADS
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

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

TABLE 2-3
SOIL SAMPLE ANALYTICAL RESULTS
SOIL SUITABILITY FOR RECLAMATION
SHERWOOD L FED 30-29D AND L30-28D, 30D, 31D, 32D WELLHEADS
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 (2.5-6')			4.63	4.81	8.43	0.321
Site-Specific Background Limits (5-6')			2.45	1.98	8.43	0.275
Site-Specific Background Limits (6')			1.72	1.98	8.43	0.275
SHERWOOD L FED 30-29D WELLHEAD EXCAVATION SAMPLES						
WH01-RISER@3' (30-29D)	8/29/2023	3	0.255	0.130	8.34*	0.312
B01@5' (30-29D)	8/29/2023	5	0.274	0.227	8.73	0.442
SHERWOOD L30-30D WELLHEAD EXCAVATION SAMPLES						
B01@6'(L30-30D)	8/27/2024	6	0.667	0.41	8.42*	0.179
B01@6'(L30-30D)-V	8/27/2024	6	NA	NA	8.42*	NA
WH01-RISER@3'(L30-30D)	8/27/2024	3	0.781	0.358	8.52	0.163
WH01-RISER@3'(L30-30D)-V	8/27/2024	3	NA	NA	8.37*	NA
N01(L30-30D)@4.5'	10/16/2024	4.5	NA	NA	7.90	0.381
N01(L30-30D)@4.5'-V	10/16/2024	4.5	NA	NA	7.94	NA
E01(L30-30D)@4.5'	10/16/2024	4.5	NA	NA	7.91	0.144
E01(L30-30D)@4.5'-V	10/16/2024	4.5	NA	NA	7.93	NA
S01(L30-30D)@4.5'	10/16/2024	4.5	NA	NA	7.90	0.181
S01(L30-30D)@4.5'-V	10/16/2024	4.5	NA	NA	7.88	NA
W01(L30-30D)@4.5'	10/16/2024	4.5	NA	NA	7.97	0.187
	10/31/2024	4.5	NA	NA	NA	NA
W01(L30-30D)@4.5'-V	10/16/2024	4.5	NA	NA	8.01	NA
B01(L30-30D)@9'	10/16/2024	9	NA	NA	8.29	<0.101
B01(L30-30D)@9'-V	10/16/2024	9	NA	NA	8.31*	NA
SHERWOOD L30-31D WELLHEAD EXCAVATION SAMPLES						
B01@6'(L30-31D)	8/27/2024	6	0.331	1.15	8.51	0.281
B01@6'(L30-31D)-V	8/27/2024	6	NA	NA	8.48	NA
WH01-RISER@3'(L30-31D)	8/27/2024	3	0.501	2.57	7.97	0.563
WH01-RISER@3'(L30-31D)-V	8/27/2024	3	NA	NA	8.26	NA
N01(L30-31D)@4.5'	10/16/2024	4.5	NA	NA	9.24	0.141
N01(L30-31D)@4.5'-V	10/16/2024	4.5	NA	NA	9.34	NA
E01(L30-31D)@4.5'	10/16/2024	4.5	NA	NA	8.31*	0.121
	10/31/2024	4.5	NA	NA	NA	NA
E01(L30-31D)@4.5'-V	10/16/2024	4.5	NA	NA	8.40*	NA
S01(L30-31D)@4.5'	10/16/2024	4.5	NA	NA	8.53	<0.0991
S01(L30-31D)@4.5'-V	10/16/2024	4.5	NA	NA	8.45	NA
W01(L30-31D)@4.5'	10/16/2024	4.5	NA	NA	8.64	<0.0987
	10/31/2024	4.5	NA	NA	NA	NA
W01(L30-31D)@4.5'-V	10/16/2024	4.5	NA	NA	8.38*	NA
B01(L30-31D)@9'	10/16/2024	9	NA	NA	11.1	0.126
B01(L30-31D)@9'-V	10/16/2024	9	NA	NA	10.6	NA
SHERWOOD L30-32D WELLHEAD EXCAVATION SAMPLES						
B01@6'(L30-32D)	8/27/2024	6	0.316	0.529	8.05	0.189
B01@6'(L30-32D)-V	8/27/2024	6	NA	NA	8.32*	NA
WH01-RISER@3'(L30-32D)	8/27/2024	3	0.396	2.47	8.30	0.626
WH01-RISER@3'(L30-32D)-V	8/27/2024	3	NA	NA	8.20	NA
N01(L30-32D)@4.5'	10/16/2024	4.5	NA	NA	NA	0.279
	10/31/2024	4.5	NA	NA	NA	NA

TABLE 2-3
SOIL SAMPLE ANALYTICAL RESULTS
SOIL SUITABILITY FOR RECLAMATION
SHERWOOD L FED 30-29D AND L30-28D, 30D, 31D, 32D WELLHEADS
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 (2.5-6')			4.63	4.81	8.43	0.321
Site-Specific Background Limits (5-6')			2.45	1.98	8.43	0.275
Site-Specific Background Limits (6')			1.72	1.98	8.43	0.275
N01(L30-32D)@4.5'-V	10/16/2024	4.5	NA	NA	8.19	NA
E01(L30-32D)@4.5'	10/16/2024	4.5	NA	NA	NA	0.152
E01(L30-32D)@4.5'-V	10/16/2024	4.5	NA	NA	8.49	NA
S01(L30-32D)@4.5'	10/16/2024	4.5	NA	NA	NA	0.173
	10/31/2024	4.5	NA	NA	NA	NA
S01(L30-32D)@4.5'-V	10/16/2024	4.5	NA	NA	8.29	NA
W01(L30-32D)@4.5'	10/16/2024	4.5	NA	NA	NA	<0.0992
W01(L30-32D)@4.5'-V	10/16/2024	4.5	NA	NA	8.69	NA
B01(L30-32D)@9'	10/16/2024	9	NA	NA	NA	<0.0994
B01(L30-32D)@9'-V	10/16/2024	9	NA	NA	9.14	NA
SHERWOOD L30-28D WELLHEAD EXCAVATION SAMPLES						
B01@6'(L30-28D)	8/27/2024	6	0.388	2.81	8.59	0.156
B01@6'(L30-28D)-V	8/27/2024	6	NA	NA	8.28	NA
WH01-RISER@3'(L30-28D)	8/27/2024	3	0.209	0.483	8.44	0.212
WH01-RISER@3'(L30-28D)-V	8/27/2024	3	NA	NA	8.30	NA
FLOWLINE POTHOLE SAMPLES						
FL01(L30-29D,31D,32D)@5'	8/30/2024	5	0.375	0.547	7.88	0.121
FL01(L30-29D,31D,32D)@5'-V	8/30/2024	5	NA	NA	7.58	NA
FL02(L30-29D,31D,32D)@5'	8/30/2024	5	0.482	0.475	7.88	0.132
FL02(L30-29D,31D,32D)@5'-V	8/30/2024	5	NA	NA	7.49	NA
FL03(L30-29D,31D,32D)@3'	8/30/2024	3	0.432	1.95	8.34*	0.206
FL03(L30-29D,31D,32D)@3'-V	8/30/2024	3	NA	NA	8.34*	NA
FL04(L30-29D,31D,32D)@3'	8/30/2024	3	0.452	2.15	8.38*	0.199
FL04(L30-29D,31D,32D)@3'-V	8/30/2024	3	NA	NA	8.37*	NA
FL03/FL04-N01@2'	9/19/2024	2	NA	NA	7.58	0.234
FL03/FL04-E01@2'	9/19/2024	2	NA	NA	7.27	<0.101
FL03/FL04-S01@2'	9/19/2024	2	NA	NA	7.67	0.129
FL03/FL04-W01@2'	9/19/2024	2	NA	NA	7.57	0.182
FL03/FL04-B01@2'	9/19/2024	2	NA	NA	8.25	0.287
FL03/FL04-N02@3'	10/16/2024	3	NA	NA	8.28	<0.100
FL03/FL04-N02@3'-V	10/16/2024	3	NA	NA	8.25	<0.100
FL03/FL04-E02@3'	10/16/2024	3	NA	NA	8.13	0.133
FL03/FL04-E02@3'-V	10/16/2024	3	NA	NA	8.12	NA
FL03/FL04-S02@3'	10/16/2024	3	NA	NA	8.18	<0.101
FL03/FL04-S02@3'-V	10/16/2024	3	NA	NA	8.21	NA
FL03/FL04-B01@6'	10/16/2024	6	NA	NA	8.29	0.113
FL03/FL04-B01@6'-V	10/16/2024	6	NA	NA	8.01	NA
FL03/FL04-W02@3'	10/31/2024	3	NA	NA	6.62	0.145
SEPARATOR RISER SAMPLES						
SEP01-RISER (30-29D)@5'	8/29/2023	5	0.384	0.485	8.32*	0.112
SEP01-RISER (30-30D)@5'	8/29/2023	5	0.382	0.788	7.50	0.308
SEP-RISER(L30-28D)@2'	8/28/2024	2	NA	NA	NA	<0.100
	9/3/2024		0.221	0.11	8.43*	NA

TABLE 2-3
SOIL SAMPLE ANALYTICAL RESULTS
SOIL SUITABILITY FOR RECLAMATION
SHERWOOD L FED 30-29D AND L30-28D, 30D, 31D, 32D WELLHEADS
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 (2.5-6')			4.63	4.81	8.43	0.321
Site-Specific Background Limits (5-6')			2.45	1.98	8.43	0.275
Site-Specific Background Limits (6')			1.72	1.98	8.43	0.275
SEP-RISER(L30-28D)@2'-V	8/28/2024	2	NA	NA	8.35*	NA
SEP-RISER(L30-31D)@2'	8/28/2024	2	0.225	0.203	8.37*	0.137
	9/3/2024		NA	NA	NA	NA
SEP-RISER(L30-31D)@2'-V	8/28/2024	2	NA	NA	8.32*	NA
SEP-RISER(L30-32D)@2'	8/28/2024	2	0.289	0.232	8.13	0.2
SEP-RISER(L30-32D)@2'-V	8/28/2024	2	NA	NA	8.27	NA
BACKGROUND SAMPLES						
NATIVE-BG01@2.5'	8/29/2023	2.5	0.519	1.35	7.94	<0.0997
NATIVE-BG01@5'	8/29/2023	5	0.320	1.17	7.74	<0.101
NATIVE-BG02@2.5'	8/29/2023	2.5	1.51	1.89	8.00	0.291
NATIVE-BG02@5'	8/29/2023	5	0.487	0.996	7.87	<0.101
NATIVE-BG03@2.5'	8/29/2023	2.5	1.66	2.44	8.13	<0.101
NATIVE-BG03@5'	8/29/2023	5	2.45	1.65	8.06	0.194
NATIVE-BG04@3'	8/27/2024	3	0.797	1.88	8.33	0.123
NATIVE-BG04@6'	8/27/2024	6	1.72	1.69	8.26	0.275
NATIVE-BG05@3'	8/27/2024	3	0.200	1.45	7.72	<0.101
NATIVE-BG05@6'	8/27/2024	6	1.34	1.49	8.22	0.165
NATIVE-BG06@3'	8/27/2024	3	0.646	2.97	8.03	<0.0998
NATIVE-BG06@6'	8/27/2024	6	0.423	1.61	8.33	0.16
NATIVE-BG07@3'	8/27/2024	3	1.2	2.44	8.23	0.242
NATIVE-BG07@6'	8/27/2024	6	0.566	1.98	8.18	<0.0995
NATIVE-BG08@3'	8/27/2024	3	0.226	1.5	8.40	<0.101
NATIVE-BG08@6'	8/27/2024	6	0.176	1.49	8.19	<0.0992
NATIVE-BG09@3'	8/27/2024	3	4.63	4.81	8.04	0.321
NATIVE-BG09@6'	8/27/2024	6	1.45	1.36	8.43	0.184

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
SHERWOOD L FED 30-29D AND L30-28D, 30D, 31D, 32D WELLHEADS
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 (2.5-6')^			4.68	128	0.411	NA	21.1	27.5	11.1	0.354	0.144	86.3
Site-Specific Background Limits (5-6')^			4.28	120	0.309	NA	14.6	21.3	9.71	0.354	NA	68.4
Site-Specific Background Limits (6')^			4.28	120	0.309	NA	14.6	21.3	9.71	0.354	NA	68.4
SHERWOOD L FED 30-29D WELLHEAD EXCAVATION SAMPLES												
WH01-RISER@3' (30-29D)	8/29/2023	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B01@5' (30-29D)	8/29/2023	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SHERWOOD L30-30D WELLHEAD EXCAVATION SAMPLES												
B01@6'(L30-30D)	8/27/2024	6	2.49*	866	0.223	<0.403	15.1	11.2	7.33	<0.230	<0.0884	44.2
B01@6'(L30-30D)-V	8/27/2024	6	NA	547	NA	NA	NA	NA	NA	NA	NA	NA
WH01-RISER@3'(L30-30D)	8/27/2024	3	3.43*	113*	0.343	<0.401	15.6	21.6*	9.64	0.432	0.0991	66.2
WH01-RISER@3'(L30-30D)-V	8/27/2024	3	NA	NA	NA	NA	NA	NA	NA	0.293*	NA	NA
N01(L30-30D)@4.5'	10/16/2024	4.5	2.05*	77.5	0.2	NA	8.77	12	5.62	<0.218	<0.0838	38.3
N01(L30-30D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E01(L30-30D)@4.5'	10/16/2024	4.5	2.40*	82	0.192	NA	<8.76	12.8	6.68	<0.228	<0.0876	42.1
E01(L30-30D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S01(L30-30D)@4.5'	10/16/2024	4.5	2.08*	189	0.204	NA	8.7	10.5	5.66	<0.224	<0.0862	36.8
S01(L30-30D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W01(L30-30D)@4.5'	10/16/2024	4.5	2.08*	165	0.157	NA	9.67	9.45	6.06	<0.225	<0.0865	38.8
	10/31/2024	4.5	NA	53.8	NA	NA	<8.71	NA	NA	NA	NA	NA
W01(L30-30D)@4.5'-V	10/16/2024	4.5	NA	169	NA	NA	NA	NA	NA	NA	NA	NA
B01(L30-30D)@9'	10/16/2024	9	0.938*	32.3	<0.0924	NA	<9.24	4.3	2.01	<0.240	<0.0924	<34.2
B01(L30-30D)@9'-V	10/16/2024	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SHERWOOD L30-31D WELLHEAD EXCAVATION SAMPLES												
B01@6'(L30-31D)	8/27/2024	6	2.91*	546	0.248	<0.299	17.6	13.4	7.72	0.257	<0.0895	51.7
B01@6'(L30-31D)-V	8/27/2024	6	NA	686	NA	NA	NA	NA	NA	NA	NA	NA
WH01-RISER@3'(L30-31D)	8/27/2024	3	4.06*	275	0.402*	<0.415	20.8	20.6*	8.79	0.321*	0.127	82.7
WH01-RISER@3'(L30-31D)-V	8/27/2024	3	NA	428	NA	NA	NA	NA	NA	NA	NA	NA
N01(L30-31D)@4.5'	10/16/2024	4.5	0.832*	35.5	<0.0928	NA	<9.28	4.87	2.16	<0.241	<0.0928	<34.3
N01(L30-31D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E01(L30-31D)@4.5'	10/16/2024	4.5	2.04*	454	0.159	NA	<8.90	16.9	4.69	<0.231	<0.0890	34.8
	10/31/2024	4.5	NA	87.3	NA	NA	<9.57	NA	NA	NA	NA	NA
E01(L30-31D)@4.5'-V	10/16/2024	4.5	NA	50.2	NA	NA	NA	NA	NA	NA	NA	NA
S01(L30-31D)@4.5'	10/16/2024	4.5	0.662*	20.3	<0.0844	NA	<8.44	3.39	1.54	<0.220	<0.0844	<31.2
S01(L30-31D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W01(L30-31D)@4.5'	10/16/2024	4.5	1.62*	140	0.112	NA	<8.70	7.34	3.8	<0.226	<0.0870	<32.2
	10/31/2024	4.5	NA	41.0	NA	NA	<9.31	NA	NA	NA	NA	NA
W01(L30-31D)@4.5'-V	10/16/2024	4.5	NA	27.3	NA	NA	NA	NA	NA	NA	NA	NA
B01(L30-31D)@9'	10/16/2024	9	1.12*	44.9	<0.0928	NA	<9.28	4.56	2.35	<0.241	<0.0928	<34.3
B01(L30-31D)@9'-V	10/16/2024	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SHERWOOD L30-32D WELLHEAD EXCAVATION SAMPLES												
B01@6'(L30-32D)	8/27/2024	6	2.69*	171	0.361	<0.279	10.7	16.1*	7.36	0.262*	<0.0932	42.4
B01@6'(L30-32D)-V	8/27/2024	6	NA	188	NA	NA	NA	NA	NA	NA	NA	NA
WH01-RISER@3'(L30-32D)	8/27/2024	3	3.07*	212	0.327	<0.388	27.4	19.1*	7.20	0.277*	0.0924	53.8

TABLE 2-4
SOIL SAMPLE ANALYTICAL RESULTS
METALS
SHERWOOD L FED 30-29D AND L30-28D, 30D, 31D, 32D WELLHEADS
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 (2.5-6')^			4.68	128	0.411	NA	21.1	27.5	11.1	0.354	0.144	86.3
Site-Specific Background Limits (5-6')^			4.28	120	0.309	NA	14.6	21.3	9.71	0.354	NA	68.4
Site-Specific Background Limits (6')^			4.28	120	0.309	NA	14.6	21.3	9.71	0.354	NA	68.4
WH01-RISER@3'(L30-32D)-V	8/27/2024	3	NA	172	NA	NA	NA	NA	NA	NA	NA	NA
N01(L30-32D)@4.5'	10/16/2024	4.5	4.79	87.4*	0.74	NA	14.6	67.3	11.9	0.892	0.171	55.9
	10/31/2024	4.5	1.03*	NA	0.0979	NA	NA	4.79	NA	<0.247	NA	NA
N01(L30-32D)@4.5'-V	10/16/2024	4.5	8.17	NA	1.45	NA	NA	46	NA	1.75	NA	NA
E01(L30-32D)@4.5'	10/16/2024	4.5	1.10*	38.2	0.136	NA	<9.82	4.84	2.62	<0.255	<0.0982	<36.3
E01(L30-32D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S01(L30-32D)@4.5'	10/16/2024	4.5	3.05*	237	0.3	NA	14.9	16.9*	8.22	0.259	0.0866	75.2
	10/31/2024	4.5	NA	88.4	NA	NA	9.72	NA	NA	NA	NA	NA
S01(L30-32D)@4.5'-V	10/16/2024	4.5	NA	252	NA	NA	NA	NA	NA	NA	NA	NA
W01(L30-32D)@4.5'	10/16/2024	4.5	1.14*	38.5	<0.0908	NA	<9.08	6.86	2.86	<0.236	<0.0908	<33.6
W01(L30-32D)@4.5'-V	10/16/2024	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B01(L30-32D)@9'	10/16/2024	9	0.590*	28.2	<0.0912	NA	<9.12	3.36	1.71	<0.237	<0.0912	<33.7
B01(L30-32D)@9'-V	10/16/2024	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SHERWOOD L30-28D WELLHEAD EXCAVATION SAMPLES												
B01@6'(L30-28D)	8/27/2024	6	1.45*	126*	<0.0888	<0.301	<8.88	5.51	2.98	<0.231	<0.0888	<32.9
B01@6'(L30-28D)-V	8/27/2024	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WH01-RISER@3'(L30-28D)	8/27/2024	3	1.53*	71.4	<0.0904	<0.304	<9.04	4.49	2.65	<0.235	<0.0904	<33.4
WH01-RISER@3'(L30-28D)-V	8/27/2024	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLOWLINE POTHOLE SAMPLES												
FL01(L30-29D,31D,32D)@5'	8/30/2024	5	1.54*	58.5	0.111	<0.395	<9.55	6.68	3.61	<0.248	<0.0955	<35.4
FL01(L30-29D,31D,32D)@5'-V	8/30/2024	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL02(L30-29D,31D,32D)@5'	8/30/2024	5	0.800*	28.0	<0.0910	<0.354	<9.10	3.33	1.88	<0.237	<0.0910	<33.7
FL02(L30-29D,31D,32D)@5'-V	8/30/2024	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL03(L30-29D,31D,32D)@3'	8/30/2024	3	2.88*	55.8	0.396	<0.411	20.6	19.1*	3.82	<0.248	0.240	58.6
FL03(L30-29D,31D,32D)@3'-V	8/30/2024	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL04(L30-29D,31D,32D)@3'	8/30/2024	3	3.72*	80.9	0.467	<0.358	29.2	26.5	5.50	<0.244	0.421	74.4
FL04(L30-29D,31D,32D)@3'-V	8/30/2024	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL03/FL04-N01@2'	9/19/2024	2	3.53*	69.4	0.426	NA	21.8	17.7*	4.90	<0.219	0.248	59.8
FL03/FL04-E01@2'	9/19/2024	2	12.1	110	1.33	NA	105	87.9	6.93	0.261*	1.29	238
FL03/FL04-S01@2'	9/19/2024	2	4.26*	63.0	0.434	NA	25.7	23.7	4.20	<0.231	0.364	72.3
FL03/FL04-W01@2'	9/19/2024	2	4.08*	82.5*	0.477	NA	25.5	22.3	6.01	<0.241	0.263	78.2
FL03/FL04-B01@2'	9/19/2024	2	3.41*	94.9*	0.478	NA	21.4	20.5*	6.24	<0.229	0.221	70.9
FL03/FL04-N02@3'	10/16/2024	3	1.21*	31.4	<0.0948	NA	<9.48	5.46	2.64	<0.246	<0.0948	<35.1
FL03/FL04-N02@3'-V	10/16/2024	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL03/FL04-E02@3'	10/16/2024	3	3.35*	61.4	0.465	NA	23.8	20.6*	4.75	<0.239	0.259	67.7
FL03/FL04-E02@3'-V	10/16/2024	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL03/FL04-S02@3'	10/16/2024	3	1.24*	41.0	0.109	NA	<9.05	7.26	2.92	<0.235	<0.0905	<33.5
FL03/FL04-S02@3'-V	10/16/2024	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL03/FL04-B01@6'	10/16/2024	6	2.01*	44	0.294	NA	14.5	14.1*	2.97	<0.232	0.202	42.2
FL03/FL04-B01@6'-V	10/16/2024	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 2-4
SOIL SAMPLE ANALYTICAL RESULTS
METALS
SHERWOOD L FED 30-29D AND L30-28D, 30D, 31D, 32D WELLHEADS
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 (2.5-6')^			4.68	128	0.411	NA	21.1	27.5	11.1	0.354	0.144	86.3
Site-Specific Background Limits (5-6')^			4.28	120	0.309	NA	14.6	21.3	9.71	0.354	NA	68.4
Site-Specific Background Limits (6')^			4.28	120	0.309	NA	14.6	21.3	9.71	0.354	NA	68.4
FL03/FL04-W02@3'	10/31/2024	3	3.88	72.9	0.581	NA	31.9	26.1	5.13	<0.228	0.338	84.1
SEPARATOR RISER SAMPLES												
SEP01-RISER (30-29D)@5'	8/29/2023	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEP01-RISER (30-30D)@5'	8/29/2023	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEP-RISER(L30-28D)@2'	8/28/2024	2	3.08*	52.6	0.349	<0.333	13.7	12.0	4.84	<0.235	0.127	42.6
	9/3/2024		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEP-RISER(L30-28D)@2'-V	8/28/2024	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEP-RISER(L30-31D)@2'	8/28/2024	2	6.29	60.5	0.273	<0.337	8.91	9.42	6.61	<0.228	<0.0876	33.5
	9/3/2024		2.19*	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEP-RISER(L30-31D)@2'-V	8/28/2024	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEP-RISER(L30-32D)@2'	8/28/2024	2	2.57*	43.4	0.208	<0.372	9.92	8.73	5.46	<0.249	<0.0957	39.3
SEP-RISER(L30-32D)@2'-V	8/28/2024	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BACKGROUND SAMPLES												
NATIVE-BG01@2.5'	8/29/2023	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NATIVE-BG01@5'	8/29/2023	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NATIVE-BG02@2.5'	8/29/2023	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NATIVE-BG02@5'	8/29/2023	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NATIVE-BG03@2.5'	8/29/2023	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NATIVE-BG03@5'	8/29/2023	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NATIVE-BG04@3'	8/27/2024	3	1.25	33.9	<0.0967	<0.376	<9.67	4.63	2.41	<0.251	<0.0967	<35.8
NATIVE-BG04@6'	8/27/2024	6	3.42	95.9	0.247	<0.355	11.7	17.0	7.77	0.283	<0.0906	54.7
NATIVE-BG05@3'	8/27/2024	3	0.676	<9.91	<0.0991	<0.345	<9.91	1.28	<0.991	<0.258	<0.0991	<36.7
NATIVE-BG05@6'	8/27/2024	6	1.33	38.2	<0.0867	<0.407	<8.67	3.60	2.97	<0.225	<0.0867	<32.1
NATIVE-BG06@3'	8/27/2024	3	1.06	32.8	<0.0936	<0.376	<9.36	2.70	2.10	<0.243	<0.0936	<34.6
NATIVE-BG06@6'	8/27/2024	6	0.845	25.0	<0.0999	<0.347	<9.99	2.42	2.00	<0.260	<0.0999	<37.0
NATIVE-BG07@3'	8/27/2024	3	3.74	102	0.329	<0.390	16.9	22.0	8.88	0.262	0.115	69.0
NATIVE-BG07@6'	8/27/2024	6	1.14	51.3	<0.0927	<0.314	<9.27	4.58	3.28	<0.241	<0.0927	<34.3
NATIVE-BG08@3'	8/27/2024	3	1.80	53.7	0.091	<0.389	<8.83	5.33	3.36	<0.230	<0.0883	<32.7
NATIVE-BG08@6'	8/27/2024	6	0.753	30.0	<0.0846	<0.369	<8.46	4.20	2.00	<0.220	<0.0846	<31.3
NATIVE-BG09@3'	8/27/2024	3	3.04	97.0	0.250	<0.420	11.8	13.5	7.00	<0.251	<0.0964	49.5
NATIVE-BG09@6'	8/27/2024	6	0.768	50.6	0.191	<0.328	<9.20	2.92	2.59	<0.239	<0.0920	<34.0

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

TABLE 2-4
SOIL SAMPLE ANALYTICAL RESULTS
METALS
SHERWOOD L FED 30-29D AND L30-28D, 30D, 31D, 32D WELLHEADS
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 (2.5-6')^			4.68	128	0.411	NA	21.1	27.5	11.1	0.354	0.144	86.3
Site-Specific Background Limits (5-6')^			4.28	120	0.309	NA	14.6	21.3	9.71	0.354	NA	68.4
Site-Specific Background Limits (6')^			4.28	120	0.309	NA	14.6	21.3	9.71	0.354	NA	68.4

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
SHERWOOD L FED 30-29D AND L30-28D, 30D, 31D, 32D WELLHEADS
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	NA	250,000	250,000	
GW-FL03/FL04@5'	10/16/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	1,470,000	283,000	319,000	5.0

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