

**TABLE 1  
SOIL SAMPLE FIELD DATA SUMMARY TABLE  
MADRIGAL 02-22 FACILITY  
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>ABOVEGROUND STORAGE TANK SAMPLES</b>								
HATCH	9/27/2024	0.5	1.3	NS	NO	40.040436	-104.768341	N
AST01@0.5'	9/27/2024	0.5	4.3	NS	NO	40.040451	-104.768317	Y
AST01@0.5'-V	9/27/2024	0.5	4.3	NS	NO	40.040451	-104.768317	Y
LOADOUT	9/27/2024	0.5	1.9	NS	NO	40.04044	-104.768282	N
<b>PRODUCED WATER VESSEL SAMPLES</b>								
PWV-N01@2'	9/27/2024	2	1.1	NS	NO	40.040395	-104.76833	Y
PWV-N01@2'-V	9/27/2024	2	1.1	NS	NO	40.040395	-104.76833	Y
E WALL	9/27/2024	2	0.5	NS	NO	40.040378	-104.768305	N
S WALL	9/27/2024	2	0.7	NS	NO	40.040363	-104.76833	N
W WALL	9/27/2024	2	0.8	NS	NO	40.040382	-104.768349	N
PWV-B01@4'	9/27/2024	4	1.1	NS	NO	40.04038	-104.768329	Y
PWV-B01@4'-V	9/27/2024	4	1.1	NS	NO	40.04038	-104.768329	Y
<b>SEPARATOR SAMPLES</b>								
SEP01-INLET@3'	9/27/2024	3	1.0	NS	NO	40.040655	-104.76831	Y
SEP01-OUTLET@3'	9/27/2024	3	1.0	NS	NO	40.040662	-104.768247	Y
<b>SALES LINE POTHOLE SAMPLES</b>								
PH01(Fac)	9/27/2024	3	0.4	NS	NO	40.040506	-104.768297	N
PH01(02-22)	11/26/2024	3	0.5	NS	NO	40.040582	-104.768744	N
PH02(02-22)	11/26/2024	4	0.4	NS	NO	40.040592	-104.768877	N
PH03(02-22)	11/26/2024	4	0.3	NS	NO	40.040605	-104.769037	N
PH04(02-22)	11/26/2024	4	0.2	NS	NO	40.040621	-104.769181	N
PH05(02-22)	11/26/2024	4	0.3	NS	NO	40.040614	-104.769291	N
PH06(02-22)	11/26/2024	4	0.8	NS	NO	40.040632	-104.769447	N
PH07(02-22)	11/26/2024	4	0.3	NS	NO	40.04066	-104.769586	N
PH08(02-22)	11/26/2024	4	3.4	NS	NO	40.040677	-104.769905	N
PH09(02-22)	11/26/2024	4	0.2	NS	NO	40.040701	-104.770197	N
FL01(02-22)@4'	11/26/2024	4	1.2	NS	NO	40.040791	-104.770397	Y
FL01(02-22)@4'-V	11/26/2024	4	1.2	NS	NO	40.040791	-104.770397	Y
FL02(02-22)@6'	11/26/2024	6	0.1	NS	NO	40.043784	-104.771313	Y
FL02(02-22)@6'-V	11/26/2024	6	0.1	NS	NO	40.043784	-104.771313	Y
FL03(02-22)@4'	11/26/2024	4	0.9	NS	NO	40.043783	-104.771647	Y
FL03(02-22)@4'-V	11/26/2024	4	0.9	NS	NO	40.043783	-104.771647	Y
PH10(02-22)	11/26/2024	3	0.2	NS	NO	40.043772	-104.771905	N
PH11(02-22)	11/26/2024	3	0.3	NS	NO	40.04378	-104.772209	N
PH12(02-22)	11/26/2024	3	0.3	NS	NO	40.043783	-104.772591	N
FL04(02-22)@3'	11/26/2024	3	0.1	NS	NO	40.043775	-104.772963	Y

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MADRIGAL 02-22 FACILITY  
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>SALES LINE POTHOLE SAMPLES</b>								
FL04(02-22)@3'-V	11/26/2024	3	0.1	NS	NO	40.043775	-104.772963	Y
<b>MISCELLANEOUS SAMPLES</b>								
ECD	9/27/2024	0.5	0.9	NS	NO	40.040686	-104.768148	N
<b>BACKGROUND SOIL SAMPLES</b>								
TB-BG01@0.5'	9/27/2024	0.5	0.9	NS	NO	40.040498	-104.768377	Y
NATIVE-BG01@3'	9/27/2024	3	1.4	NS	NO	40.040881	-104.768089	Y
NATIVE-BG01@6'	9/27/2024	6	0.9	NS	NO	40.040881	-104.768089	Y
NATIVE-BG02@3'	9/27/2024	3	1.0	NS	NO	40.040864	-104.768262	Y
NATIVE-BG02@6'	9/27/2024	6	1.1	NS	NO	40.040864	-104.768262	Y
NATIVE-BG03@3'	9/27/2024	3	1.7	NS	NO	40.040833	-104.768426	Y
NATIVE-BG03@6'	9/27/2024	6	0.7	NS	NO	40.040833	-104.768426	Y
NATIVE-BG04@3'	9/27/2024	3	1.0	NS	NO	40.04074	-104.768512	Y
NATIVE-BG04@6'	9/27/2024	6	1.7	NS	NO	40.04074	-104.768512	Y
NATIVE-BG05@3'	9/27/2024	3	1.9	NS	NO	40.040491	-104.768577	Y
NATIVE-BG05@6'	9/27/2024	6	0.9	NS	NO	40.040491	-104.768577	Y
NATIVE-BG06@3'	9/27/2024	3	1.0	NS	NO	40.040431	-104.768506	Y
NATIVE-BG06@6'	9/27/2024	6	1.0	NS	NO	40.040431	-104.768506	Y

**Notes:**

ft. - feet	NS - No Staining
bgs - below ground surface	NO - No Odor
PID - Photoionization detector	NA - Not Analyzed/Not Applicable
ppm - parts per million	

**TABLE 2-1  
SOIL SAMPLE ANALYTICAL RESULTS  
VOLATILE ORGANIC COMPOUNDS AND TOTAL PETROLEUM HYDROCARBONS  
MADRIGAL 02-22 FACILITY  
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
<b>ABOVEGROUND STORAGE TANK SAMPLES</b>												
AST01@0.5'	9/27/2024	0.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
AST01@0.5'-V	9/27/2024	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>PRODUCED WATER VESSEL SAMPLES</b>												
PWV-N01@2'	9/27/2024	2	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
PWV-N01@2'-V	9/27/2024	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PWV-B01@4'	9/27/2024	4	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
PWV-B01@4'-V	9/27/2024	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>SEPARATOR SAMPLES</b>												
SEP01-INLET@3'	9/27/2024	3	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
SEP01-OUTLET@3'	9/27/2024	3	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	0.002
<b>SALES LINE POT HOLE SAMPLES</b>												
FL01(02-22)@4'	11/26/2024	4	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	RP
FL01(02-22)@4'-V	11/26/2024	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL02(02-22)@6'	11/26/2024	6	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	RP
FL02(02-22)@6'-V	11/26/2024	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL03(02-22)@4'	11/26/2024	4	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	RP
FL03(02-22)@4'-V	11/26/2024	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL04(02-22)@3'	11/26/2024	3	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	RP
FL04(02-22)@3'-V	11/26/2024	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  
 +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  
 RP - Results Pending  
**Bold** - exceeds ECMC Table 915-1 allowable level and background

**Final Results are pending. This Table contains Preliminary Results.**

**TABLE 2-2**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
**POLYCYCLIC AROMATIC HYDROCARBONS**  
**MADRIGAL 02-22 FACILITY**  
**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>ABOVEGROUND STORAGE TANK SAMPLES</b>																
AST01@0.5'	9/27/2024	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	<0.002	<0.020
AST01@0.5'-V	9/27/2024	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>PRODUCED WATER VESSEL SAMPLES</b>																
PWV-N01@2'	9/27/2024	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
PWV-N01@2'-V	9/27/2024	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PWV-B01@4'	9/27/2024	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
PWV-B01@4'-V	9/27/2024	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>SEPARATOR SAMPLES</b>																
SEP01-INLET@3'	9/27/2024	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
SEP01-OUTLET@3'	9/27/2024	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	0.003	<0.020
<b>SALES LINE POTHOLE SAMPLES</b>																
FL01(02-22)@4'	11/26/2024	4	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP
FL01(02-22)@4'-V	11/26/2024	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL02(02-22)@6'	11/26/2024	6	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP
FL02(02-22)@6'-V	11/26/2024	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL03(02-22)@4'	11/26/2024	4	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP
FL03(02-22)@4'-V	11/26/2024	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL04(02-22)@3'	11/26/2024	3	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP
FL04(02-22)@3'-V	11/26/2024	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  
RP - Results Pending  
**Bold** - exceeds ECMC Table 915-1 allowable level and background

*Final Results are pending. This Table contains Preliminary Results.*

**TABLE 2-3  
SOIL SAMPLE ANALYTICAL RESULTS  
SOIL SUITABILITY FOR RECLAMATION  
MADRIGAL 02-22 FACILITY  
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 (TB)			0.220	0.129	8.23	NA
Site-Specific Background Limits (3'-6')			4.22	22.1	9.02	2.46
<b>ABOVEGROUND STORAGE TANK SAMPLES</b>						
AST01@0.5'	9/27/2024	0.5	0.0780	0.138	4.40	<0.0985
AST01@0.5'-V	9/27/2024	0.5	NA	NA	4.35	NA
<b>PRODUCED WATER VESSEL SAMPLES</b>						
PWV-N01@2'	9/27/2024	2	0.199	0.0245	8.24	<0.0999
PWV-N01@2'-V	9/27/2024	2	NA	NA	8.44*	NA
PWV-B01@4'	9/27/2024	4	0.262	2.67	8.46*	<0.0988
PWV-B01@4'-V	9/27/2024	4	NA	NA	8.02	NA
<b>SEPARATOR SAMPLES</b>						
SEP01-INLET@3'	9/27/2024	3	0.681	0.688	8.12	0.125
SEP01-OUTLET@3'	9/27/2024	3	1.04	0.940	8.09	0.135
<b>SALES LINE POTHOLE SAMPLES</b>						
FL01(02-22)@4'	11/26/2024	4	RP	RP	RP	RP
FL01(02-22)@4'-V	11/26/2024	4	NA	NA	RP	NA
FL02(02-22)@6'	11/26/2024	6	RP	RP	RP	RP
FL02(02-22)@6'-V	11/26/2024	6	NA	NA	RP	NA
FL03(02-22)@4'	11/26/2024	4	RP	RP	RP	RP
FL03(02-22)@4'-V	11/26/2024	4	NA	NA	RP	NA
FL04(02-22)@3'	11/26/2024	3	RP	RP	RP	RP
FL04(02-22)@3'-V	11/26/2024	3	NA	NA	RP	NA
<b>BACKGROUND SOIL SAMPLES</b>						
TB-BG01@0.5'	9/27/2024	0.5	0.220	0.129	8.23	<0.102
NATIVE-BG01@3'	9/27/2024	3	0.566	17.0	9.02	0.877
NATIVE-BG01@6'	9/27/2024	6	1.27	8.62	8.43	1.27
NATIVE-BG02@3'	9/27/2024	3	2.51	12.5	8.30	1.99
NATIVE-BG02@6'	9/27/2024	6	2.14	8.30	8.18	2.27
NATIVE-BG03@3'	9/27/2024	3	2.08	17.3	8.52	1.27
NATIVE-BG03@6'	9/27/2024	6	3.76	10.4	8.22	1.82
NATIVE-BG04@3'	9/27/2024	3	0.428	3.79	8.52	0.925
NATIVE-BG04@6'	9/27/2024	6	4.22	11.3	8.31	2.46
NATIVE-BG05@3'	9/27/2024	3	0.169	0.167	8.37	0.112
NATIVE-BG05@6'	9/27/2024	6	0.232	2.44	8.63	0.251
NATIVE-BG06@3'	9/27/2024	3	0.299	2.90	7.79	0.244
NATIVE-BG06@6'	9/27/2024	6	1.58	22.1	8.77	0.933

**TABLE 2-3  
SOIL SAMPLE ANALYTICAL RESULTS  
SOIL SUITABILITY FOR RECLAMATION  
MADRIGAL 02-22 FACILITY  
WELD COUNTY, COLORADO  
KERR-MCGEE OIL AND GAS ONSHORE, LP**

**Notes:**

ECMC - Energy and Carbon Management Commission

EC - electrical conductivity

SAR - sodium adsorption ratio

< - less than laboratory reporting limit

NA - Not Analyzed/Not Applicable

RP - Results Pending

**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

*Final Results are pending. This Table contains Preliminary Results.*

**TABLE 2-4  
SOIL SAMPLE ANALYTICAL RESULTS  
METALS  
MADRIGAL 02-22 FACILITY  
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 (TB)^			2.70	66.6	0.128	0.289	NA	7.81	6.64	NA	NA	NA
Site-Specific Background Limits (3'-6')^			6.21	740	0.409	0.240	18.4	15.9	22.0	0.499	NA	92.0
<b>ABOVEGROUND STORAGE TANK SAMPLES</b>												
AST01@0.5'	9/27/2024	0.5	1.01*	15.3	<0.0943	<0.269	<9.43	2.25	2.20	<0.245	<0.0943	<34.9
AST01@0.5'-V	9/27/2024	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>PRODUCED WATER VESSEL SAMPLES</b>												
PWV-N01@2'	9/27/2024	2	2.17*	67.1	0.148	<0.325	<8.51	8.13	5.93	<0.221	<0.0851	<31.5
PWV-N01@2'-V	9/27/2024	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PWV-B01@4'	9/27/2024	4	2.30*	56.7	0.111	0.166*	<8.36	6.43	5.42	<0.217	<0.0836	<30.9
PWV-B01@4'-V	9/27/2024	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>SEPARATOR SAMPLES</b>												
SEP01-INLET@3'	9/27/2024	3	3.62*	75.3	0.195	<0.259	<9.33	7.77	6.28	<0.243	<0.0933	<34.5
SEP01-OUTLET@3'	9/27/2024	3	2.36*	67.6	0.170	0.152*	<8.57	7.47	5.81	<0.223	<0.0857	<31.7
<b>SALES LINE POTHOLE SAMPLES</b>												
FL01(02-22)@4'	11/26/2024	4	2.01*	64.8	0.109	RP	<8.55	5.76	5.07	<0.222	<0.0855	<31.6
FL01(02-22)@4'-V	11/26/2024	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL02(02-22)@6'	11/26/2024	6	3.31*	88.2*	0.258	RP	9.94	14.1*	8.47	<0.230	<0.0883	42.9
FL02(02-22)@6'-V	11/26/2024	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL03(02-22)@4'	11/26/2024	4	2.63*	58.0	0.165	RP	<9.05	9.89	5.92	<0.235	<0.0905	<33.5
FL03(02-22)@4'-V	11/26/2024	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL04(02-22)@3'	11/26/2024	3	2.03*	57.3	<0.0944	RP	<9.44	5.14	5.38	<0.245	<0.0944	<34.9
FL04(02-22)@3'-V	11/26/2024	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>BACKGROUND SOIL SAMPLES</b>												
TB-BG01@0.5'	9/27/2024	0.5	2.16	53.3	0.102	0.231	<8.49	6.25	5.31	<0.221	<0.0849	<31.4
NATIVE-BG01@3'	9/27/2024	3	3.03	118	0.178	<0.353	<9.51	6.40	6.55	<0.247	<0.0951	<35.2
NATIVE-BG01@6'	9/27/2024	6	4.21	115	0.139	<0.433	10.5	9.16	11.7	0.399	<0.0986	40.6
NATIVE-BG02@3'	9/27/2024	3	1.59	131	0.327	<0.286	14.7	11.0	10.2	<0.243	<0.0934	73.6
NATIVE-BG02@6'	9/27/2024	6	4.97	200	0.198	0.159	12.4	12.7	12.3	0.264	<0.0896	56.6
NATIVE-BG03@3'	9/27/2024	3	4.41	592	0.259	<0.393	13.0	11.1	17.6	<0.235	<0.0903	53.7
NATIVE-BG03@6'	9/27/2024	6	2.71	101	0.119	0.192	<9.87	5.69	6.85	<0.257	<0.0987	<36.5
NATIVE-BG04@3'	9/27/2024	3	2.56	79.3	0.097	<0.294	<9.60	4.84	5.29	<0.250	<0.0960	<35.5
NATIVE-BG04@6'	9/27/2024	6	3.65	150	0.216	<0.357	12.2	10.3	13.1	<0.256	<0.0983	47.0
NATIVE-BG05@3'	9/27/2024	3	3.19	95.6	<0.0981	<0.473	<9.81	5.95	6.53	<0.255	<0.0981	<36.3
NATIVE-BG05@6'	9/27/2024	6	1.99	77.3	<0.0991	<0.377	<9.91	5.84	5.78	<0.258	<0.0991	<36.7
NATIVE-BG06@3'	9/27/2024	3	1.93	87.2	0.170	<0.336	<9.70	7.67	5.66	<0.252	<0.0970	<35.9
NATIVE-BG06@6'	9/27/2024	6	2.83	58.4	<0.0916	<0.351	<9.16	6.03	5.41	<0.238	<0.0916	<33.9

TABLE 2-4  
SOIL SAMPLE ANALYTICAL RESULTS  
METALS  
MADRIGAL 02-22 FACILITY  
WELD COUNTY, COLORADO  
KERR-MCGEE OIL AND GAS ONSHORE, LP

**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

RP - Results Pending

**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.

*Final Results are pending. This Table contains Preliminary Results.*

TABLE 3  
GROUNDWATER ANALYTICAL RESULTS  
MADRIGAL 02-22 FACILITY  
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>NA</b>	<b>250,000</b>	<b>250,000</b>	
GW-FL03(02-22)@4'	11/26/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	RP	RP	RP	4.0

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.  
RP - Results Pending

µg/L - micrograms per liter  
< - less than laboratory reporting limit  
Excavation groundwater depth is approximate

*Final Results are pending. This Table contains Preliminary Results.*