

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)
ABOVEGROUND STORAGE TANK SAMPLES (ABOVE LINER)								
HATCH	9/27/2024	NA	1.3	NS	NO	40.040436	-104.768341	N
AST01@0.5'	9/27/2024	0.5	4.3	NS	NO	40.040443	-104.768299	Y
LOADOUT	9/27/2024	NA	1.9	NS	NO	40.040441	-104.768282	N
ABOVEGROUND STORAGE TANK SAMPLES (BELOW LINER)								
AST01-B01@2.5'	2/14/2025	2.5	0.1	NS	NO	40.04045	-104.768305	Y
PRODUCED WATER VESSEL SAMPLES								
PWV-N01@2'	9/27/2024	2	1.1	NS	NO	40.040395	-104.76833	Y
E WALL	9/27/2024	NA	0.5	NS	NO	40.040378	-104.768305	N
S WALL	9/27/2024	NA	0.7	NS	NO	40.040363	-104.76833	N
W WALL	9/27/2024	NA	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
SEPARATOR SAMPLES								
SEP01-INLET@4'	9/27/2024	4	1.0	NS	NO	40.040655	-104.76831	Y
SEP01-OUTLET@4'	9/27/2024	4	1.0	NS	NO	40.040662	-104.768247	Y
SALES LINE POTHOLE SAMPLES								
PH01@3'	9/27/2024	3	0.4	NS	NO	40.040506	-104.768297	N
PH01(02-22)@3'	11/26/2024	3	0.5	NS	NO	40.040582	-104.768744	N
PH02(02-22)@4'	11/26/2024	4	0.4	NS	NO	40.040592	-104.768877	N
PH03(02-22)@4'	11/26/2024	4	0.5	NS	NO	40.040605	-104.769037	N
PH04(02-22)@4'	11/26/2024	4	0.2	NS	NO	40.040621	-104.769181	N
PH05(02-22)@4'	11/26/2024	4	0.3	NS	NO	40.040614	-104.769291	N
PH06(02-22)@4'	11/26/2024	4	0.8	NS	NO	40.040632	-104.769447	N
PH07(02-22)@4'	11/26/2024	4	0.3	NS	NO	40.04066	-104.769586	N
PH08(02-22)@4'	11/26/2024	4	3.4	NS	NO	40.040678	-104.769905	N
PH09(02-22)@4'	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
FL03(02-22)@4'	11/26/2024	4	0.9	NS	NO	40.043784	-104.771647	Y
PH10(02-22)@3'	11/26/2024	3	0.2	NS	NO	40.043772	-104.771905	N
PH11(02-22)@3'	11/26/2024	3	0.7	NS	NO	40.04378	-104.772209	N
PH12(02-22)@3'	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
FL02(02-22)@6'	11/26/2024	6	0.1	NS	NO	40.043784	-104.771313	Y
MISCELLANEOUS SAMPLES								
ECD	9/27/2024	NA	0.9	NS	NO	40.040686	-104.768148	N
SOIL BORING SAMPLES								
SB02@2'	9/11/2025	2	1.1	NS	NO	40.043813	-104.771716	Y
SB03@2'	9/11/2025	2	2.7	NS	NO	40.043743	-104.771667	Y
SB04@2'	9/11/2025	2	1.3	NS	NO	40.043747	-104.771598	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)
SB05@2'	9/11/2025	2	1.3	NS	NO	40.043819	-104.771626	Y
BACKGROUND SOIL SAMPLES								
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	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	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	NS	NO	40.040431	-104.768506	Y
NATIVE-BG06@6'	9/27/2024	6	1	NS	NO	40.040431	-104.768506	Y
NATIVE-BG01@3' (Rem No. 35996)	9/11/2024	3	0.5	NS	NO	40.034203	-104.766951	Y
NATIVE-BG01@6' (Rem No. 35996)	9/11/2024	6	1.6	NS	NO	40.034203	-104.766951	Y
NATIVE-BG02@3' (Rem No. 35996)	9/11/2024	3	1.5	NS	NO	40.034237	-104.766809	Y
NATIVE-BG02@6' (Rem No. 35996)	9/11/2024	6	2.6	NS	NO	40.034237	-104.766809	Y
NATIVE-BG03@3' (Rem No. 35996)	9/11/2024	3	2.7	NS	NO	40.034102	-104.766667	Y
NATIVE-BG03@6' (Rem No. 35996)	9/11/2024	6	1.5	NS	NO	40.034102	-104.766667	Y
NATIVE-BG04@3' (Rem No. 35996)	9/11/2024	3	5.0	NS	NO	40.033872	-104.766811	Y
NATIVE-BG04@6' (Rem No. 35996)	9/11/2024	6	1.6	NS	NO	40.033872	-104.766811	Y
NATIVE-BG05@3' (Rem No. 35996)	9/11/2024	3	2.8	NS	NO	40.033877	-104.767028	Y
NATIVE-BG05@6' (Rem No. 35996)	9/11/2024	6	3.9	NS	NO	40.033877	-104.767028	Y
NATIVE-BG06@3' (Rem No. 35996)	9/11/2024	3	1.3	NS	NO	40.034125	-104.767011	Y
NATIVE-BG06@6' (Rem No. 35996)	9/11/2024	6	2.0	NS	NO	40.034125	-104.767011	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

Verification sample results have been omitted from the summary table due to updated ECMC instructions. All verification sample results are included in the attached laboratory analytical reports.

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
ABOVEGROUND STORAGE TANK SAMPLES (ABOVE LINER)												
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
ABOVEGROUND STORAGE TANK SAMPLES (BELOW LINER)												
AST01@2.5'	2/14/2025	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PRODUCED WATER VESSEL SAMPLES												
PWW-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
PWW-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
SEPARATOR SAMPLES												
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
SALES LINE POTHOLE SAMPLES												
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	<0.00373
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	<0.00385
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	<0.00389
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	0.00229
SOIL BORING SAMPLES												
SB02@2' (MW02)	9/11/2025	2	<0.239	<29.8	<119	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
SB03@2' (MW03)	9/11/2025	2	<0.237	<29.6	<118	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
SB04@2' (MW04)	9/11/2025	2	<0.247	<30.9	<123	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
SB05@2' (MW05)	9/11/2025	2	<0.216	<27.0	<108	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<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

Verification samples that did not contain these analyses are not included in this table.

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

Shaded Rows are Samples that have been over excavated

**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
ABOVEGROUND STORAGE TANK SAMPLES (ABOVE LINER)																
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
ABOVEGROUND STORAGE TANK SAMPLES (BELOW LINER)																
AST01@2.5'	2/14/2025	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PRODUCED WATER VESSEL SAMPLES																
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-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
SEPARATOR SAMPLES																
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
SALES LINE POTHOLE SAMPLES																
FL01(02-22)@4'	11/26/2024	4	<0.00373	<0.00373	<0.00373	<0.00373	<0.00373	<0.00373	<0.00373	<0.00373	<0.00373	<0.00373	<0.00373	<0.00373	<0.00373	<0.00373
FL02(02-22)@6'	11/26/2024	6	<0.00385	<0.00385	0.00501	0.0077	0.00308	0.00655	0.00616	<0.00385	0.00501	<0.00385	0.00462	<0.00385	<0.00385	0.00732
FL03(02-22)@4'	11/26/2024	4	<0.00389	<0.00389	0.00272	0.00389	<0.00389	0.0035	0.00311	<0.00389	0.00233	<0.00389	0.00233	<0.00389	0.00194	0.0035
FL04(02-22)@3'	11/26/2024	3	<0.00382	<0.00382	<0.00382	<0.00382	<0.00382	<0.00382	<0.00382	<0.00382	<0.00382	<0.00382	<0.00382	0.00191	0.00497	<0.00382
SOIL BORING SAMPLES																
SB02@2' (MW02)	9/11/2025	2	<0.024	<0.024	<0.006	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.002	<0.002	<0.024
SB03@2' (MW03)	9/11/2025	2	<0.024	<0.024	<0.006	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.002	<0.002	<0.024
SB04@2' (MW04)	9/11/2025	2	<0.025	<0.025	<0.006	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.002	<0.002	<0.025
SB05@2' (MW05)	9/11/2025	2	<0.022	<0.022	0.032	0.032	<0.022	0.042	0.044	<0.022	0.033	<0.022	0.032	<0.002	<0.002	0.054

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
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 (3'-6')			15.8	22.1	9.02	2.46
ABOVEGROUND STORAGE TANK SAMPLES (ABOVE LINER)						
AST01@0.5'	9/27/2024	0.5	0.0780	0.138	4.40	<0.0985
ABOVEGROUND STORAGE TANK SAMPLES (BELOW LINER)						
AST01@2.5'	2/14/2025	2.5	NA	NA	8.24	NA
PRODUCED WATER VESSEL SAMPLES						
PWV-N01@2'	9/27/2024	2	0.199	0.0245	8.24	<0.0999
PWV-B01@4'	9/27/2024	4	0.262	2.67	8.46*	<0.0988
SEPARATOR SAMPLES						
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
SALES LINE POTHOLE SAMPLES						
FL01(02-22)@4'	11/26/2024	4	0.935	5.28	8.01	0.294
FL02(02-22)@6'	11/26/2024	6	5.30*	11.0*	7.78	1.65
FL03(02-22)@4'	11/26/2024	4	2.73	5.14	8.12	0.706
FL04(02-22)@3'	11/26/2024	3	0.297	1.13	8.41*	0.642
SOIL BORING SAMPLES						
SB02@2' (MW02)	9/11/2025	2	1.05	3.22	8.16	0.236
SB03@2' (MW03)	9/11/2025	2	0.913	2.26	8.18	0.191
SB04@2' (MW04)	9/11/2025	2	1.12	2.77	8.08	0.41
SB05@2' (MW05)	9/11/2025	2	3.54	9.60*	7.96	3.97
BACKGROUND SOIL SAMPLES						
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

**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 (3'-6')			15.8	22.1	9.02	2.46
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
NATIVE-BG01@3' (Rem No. 35996)	9/11/2024	3	3.23	1.85	8.04	0.341
NATIVE-BG01@6' (Rem No. 35996)	9/11/2024	6	1.25	2.83	8.20	0.279
NATIVE-BG02@3' (Rem No. 35996)	9/11/2024	3	0.520	1.29	8.30	0.242
NATIVE-BG02@6' (Rem No. 35996)	9/11/2024	6	1.47	2.53	8.12	0.478
NATIVE-BG03@3' (Rem No. 35996)	9/11/2024	3	1.78	2.24	8.20	0.713
NATIVE-BG03@6' (Rem No. 35996)	9/11/2024	6	1.02	2.81	8.16	0.592
NATIVE-BG04@3' (Rem No. 35996)	9/11/2024	3	3.75	1.75	8.05	1.46
NATIVE-BG04@6' (Rem No. 35996)	9/11/2024	6	3.10	1.69	7.97	0.730
NATIVE-BG05@3' (Rem No. 35996)	9/11/2024	3	15.8	2.12	7.88	0.963
NATIVE-BG05@6' (Rem No. 35996)	9/11/2024	6	2.38	1.73	8.28	0.266
NATIVE-BG06@3' (Rem No. 35996)	9/11/2024	3	6.01	1.57	8.16	0.751
NATIVE-BG06@6' (Rem No. 35996)	9/11/2024	6	6.06	1.87	8.26	0.422

Notes:

ECMC - Energy and Carbon Management Commission
 EC - electrical conductivity
 SAR - sodium adsorption ratio
 < - less than laboratory reporting limit

ft - feet
 bgs - below ground surface
 mmhos/cm - millimhos per centimeter
 mg/L - milligrams per liter

**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 (3'-6')			15.8	22.1	9.02	2.46

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

Verification sample results have been omitted from the summary table due to updated ECMC instructions.

All verification sample results are included in the attached laboratory analytical reports.

**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 (3'-6')^			6.24	740	0.409	0.240	18.4	15.9	22.0	0.499	NA	92.0
ABOVEGROUND STORAGE TANK SAMPLES (ABOVE LINER)												
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
ABOVEGROUND STORAGE TANK SAMPLES (BELOW LINER)												
AST01@2.5'	2/14/2025	2.5	2.74*	77.2	NA	NA	NA	7.35	7.25	NA	NA	NA
PRODUCED WATER VESSEL SAMPLES												
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-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
SEPARATOR SAMPLES												
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
SALES LINE POTHOLE SAMPLES												
FL01(02-22)@4'	11/26/2024	4	2.01*	64.8	0.109	<0.263	<8.55	5.76	5.07	<0.222	<0.0855	<31.6
FL02(02-22)@6'	11/26/2024	6	3.31*	88.2*	0.258	<0.317	9.94	14.1*	8.47	<0.230	<0.0883	42.9
FL03(02-22)@4'	11/26/2024	4	2.63*	58.0	0.165	<0.323	<9.05	9.89	5.92	<0.235	<0.0905	<33.5
FL04(02-22)@3'	11/26/2024	3	2.03*	57.3	<0.0944	<0.339	<9.44	5.14	5.38	<0.245	<0.0944	<34.9
SOIL BORING SAMPLES												
SB02@2' (MW02)	9/11/2025	2	3.48*	99.6*	<0.299	<0.35	<36.2	<11.0	<20.5	0.211	<0.630	<291
SB03@2' (MW03)	9/11/2025	2	2.78*	94.9*	<0.321	<0.34	<38.9	<11.8	<22.0	<0.208	<0.677	<313
SB04@2' (MW04)	9/11/2025	2	4.65*	156*	<0.329	<0.36	<39.8	<12.1	<22.5	<0.213	<0.693	<320
SB05@2' (MW05)	9/11/2025	2	4.14*	75.2	0.385*	<0.31	<34.0	21.2	<19.2	0.204	<0.591	<274
BACKGROUND SOIL SAMPLES												
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
NATIVE-BG01@3' (Rem No. 35996)	9/11/2024	3	1.18	32.4	<0.0881	<0.311	<8.81	4.38	2.48	<0.229	<0.0881	<32.6
NATIVE-BG01@6' (Rem No. 35996)	9/11/2024	6	0.955	30.2	<0.0889	<0.320	<8.89	2.75	2.41	<0.231	<0.0889	<32.9
NATIVE-BG02@3' (Rem No. 35996)	9/11/2024	3	1.15	30.4	<0.0920	<0.293	<9.20	3.41	2.55	<0.239	<0.0920	<34.0
NATIVE-BG02@6' (Rem No. 35996)	9/11/2024	6	1.39	39.1	<0.0950	<0.330	<9.50	3.89	3.09	<0.247	<0.0950	<35.2

**TABLE 2-4
SOIL SAMPLE ANALYTICAL RESULTS
METALS
MADRIGAL 02-22 FACILITY
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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 (3'-6')^			6.24	740	0.409	0.240	18.4	15.9	22.0	0.499	NA	92.0
NATIVE-BG03@3' (Rem No. 35996)	9/11/2024	3	1.02	54.7	<0.0864	<0.318	<8.64	3.70	3.32	<0.225	<0.0864	<32.0
NATIVE-BG03@6' (Rem No. 35996)	9/11/2024	6	1.77	37.8	0.108	<0.418	<9.13	7.36	3.34	<0.237	<0.0913	<33.8
NATIVE-BG04@3' (Rem No. 35996)	9/11/2024	3	1.46	41.1	<0.0914	<0.452	<9.14	3.55	3.46	<0.238	<0.0914	<33.8
NATIVE-BG04@6' (Rem No. 35996)	9/11/2024	6	1.38	35.1	<0.0892	<0.437	<8.92	6.99	3.33	<0.232	<0.0892	<33.0
NATIVE-BG05@3' (Rem No. 35996)	9/11/2024	3	1.53	36.7	<0.0906	<0.400	<9.06	3.81	3.47	<0.236	<0.0906	<33.5
NATIVE-BG05@6' (Rem No. 35996)	9/11/2024	6	4.49	73.3	0.154	<0.278	13.3	12.5	15.3	<0.224	<0.0863	58.2
NATIVE-BG06@3' (Rem No. 35996)	9/11/2024	3	4.99	137	0.184	<0.388	13.7	11.1	15.6	<0.248	<0.0953	53.9
NATIVE-BG06@6' (Rem No. 35996)	9/11/2024	6	1.34	43.0	<0.0903	<0.406	<9.03	4.38	5.85	<0.235	<0.0903	<33.4

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.

Shaded Rows are Samples that have been over excavated

Verification sample results have been omitted from the summary table due to updated ECMC instructions. All verification sample results are included in the attached laboratory analytical reports.

**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)	Relative GW Elevation (ft)
ECMC Allowable Levels		5	560	700	1400	140	67	67	1,105,000	255,000	250,000		
GW-FL03(02-22)@4 ¹	11/26/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	2,350,000	457,000	621,000	4.0	4.0
GW-BG07@9 ⁽¹⁾	9/19/2025	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	2,360,000	318,000	517,000	9.0	9.0
MW01	9/19/2025	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	1,370,000	336,000	218,000	4.10	96.30
MW02	9/19/2025	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	820,000	193,000	158,000	5.06	95.15
MW03	9/19/2025	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	868,000	186,000	143,000	4.61	95.78
MW04	9/19/2025	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	884,000	204,000	187,000	4.92	95.90
MW05	9/19/2025	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	936,000	212,000	219,000	4.68	96.73

Notes: ECMC - Energy and Carbon Management Commission
ft bgs - feet below ground surface
NA - not analyzed/not available
Total dissolved solids and chloride ion parameters based on local background (MW04) concentration x 1.25
BOLD = Analytical result is in exceedance of ECMC Table 915-1 groundwater standards.
(1) Located downgradient - no longer being used as background

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