

**TABLE 1
SOIL SAMPLE FIELD DATA SUMMARY TABLE
FRANK 23,14,RUSSELL 19, 13-31 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								
AST01@0.5'	3/25/2025	0.5	50.4	NS	ODOR	40.263056	-104.940392	Y
AST01@0.5'-V	3/25/2025	0.5	50.4	NS	ODOR	40.263056	-104.940392	Y
Loadout	3/25/2025	0.5	7.1	NS	ODOR	40.263012	-104.940394	N
AST02@0.5'	3/25/2025	0.5	401.1	NS	ODOR	40.263057	-104.940451	Y
AST02@0.5'-V	3/25/2025	0.5	401.1	NS	ODOR	40.263057	-104.940451	Y
Loadout	3/25/2025	0.5	7.1	NS	ODOR	40.263018	-104.940453	N
PRODUCED WATER VESSEL SAMPLES								
PWV-N01@2.5'	3/25/2025	2.5	2.1	NS	NO	40.263037	-104.940534	Y
PWV-N01@2.5'-V	3/25/2025	2.5	2.1	NS	NO	40.263037	-104.940534	Y
East Wall	3/25/2025	2.5	0.0	NS	NO	40.263017	-104.940506	N
South Wall	3/25/2025	2.5	0.0	NS	NO	40.262999	-104.940533	N
West Wall	3/25/2025	2.5	0.0	NS	NO	40.263020	-104.940560	N
PWV-B01@5'	3/26/2025	5	1.8	NS	NO	40.263017	-104.940538	Y
PWV-B01@5'-V	3/26/2025	5	1.8	NS	NO	40.263017	-104.940538	Y
SEPARATOR SAMPLES								
SEP01-Inlet@5'	3/25/2025	5	5.5	NS	NO	40.263051	-104.939867	Y
SEP01-Inlet@5'-V	3/25/2025	5	5.5	NS	NO	40.263051	-104.939867	Y
SEP01-Outlet@5'	3/25/2025	5	3.4	NS	NO	40.262991	-104.939832	Y
SEP01-Outlet@5'-V	3/25/2025	5	3.4	NS	NO	40.262991	-104.939832	Y
TANK BATTERY SAMPLES (BELOW LINER)								
TB-B01@1'	3/26/2025	1	1.2	NS	NO	40.263042	-104.940386	Y
TB-B01@1'-V	3/26/2025	1	1.2	NS	NO	40.263042	-104.940386	Y
TB-B02@1'	3/26/2025	1	2.1	NS	NO	40.263037	-104.940453	Y
TB-B02@1'-V	3/26/2025	1	2.1	NS	NO	40.263037	-104.940453	Y
MISCELLANEOUS SAMPLES								
ECD	3/25/2025	0.5	1.0	NS	NO	40.263020	-104.940101	N
Meter House	3/25/2025	0.5	0.0	NS	NO	40.262974	-104.939607	N
FL04@5'	3/25/2025	5	1.6	NS	NO	40.263064	-104.939853	Y
FL04@5'-V	3/25/2025	5	1.6	NS	NO	40.263064	-104.939853	Y
FL05@5'	3/25/2025	5	1.7	NS	NO	40.263074	-104.939936	Y
FL05@5'-V	3/25/2025	5	1.7	NS	NO	40.263074	-104.939936	Y
FL06@5'	3/25/2025	5	2.7	NS	NO	40.263049	-104.939959	Y
FL06@5'-V	3/25/2025	5	2.7	NS	NO	40.263049	-104.939959	Y
FL07@5'	3/25/2025	5	2.1	NS	NO	40.263035	-104.940012	Y
FL07@5'-V	3/25/2025	5	2.1	NS	NO	40.263035	-104.940012	Y

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WELD COUNTY, COLORADO
KERR-MCGEE OIL AND GAS ONSHORE, LP

Soil Sample Location	Date	Depth (ft. bgs)	PID Reading (ppm)	Visual Observation	Olfactory Observation	Latitude	Longitude	Submitted for Lab Analysis? (Y/N)
BACKGROUND SOIL SAMPLES								
TB-BG01@0.5'	3/25/2025	0.5	1.8	NS	NO	40.262997	-104.940353	Y
NATIVE-BG01@3'	3/25/2025	3	0.9	NS	NO	40.263136	-104.940336	Y
NATIVE-BG01@6'	3/25/2025	6	0.8	NS	NO	40.263136	-104.940336	Y
NATIVE-BG02@3'	3/25/2025	3	0.7	NS	NO	40.263118	-104.940618	Y
NATIVE-BG02@6'	3/25/2025	6	1.2	NS	NO	40.263118	-104.940618	Y
NATIVE-BG03@3'	3/25/2025	3	0.3	NS	NO	40.263158	-104.940470	Y
NATIVE-BG03@6'	3/25/2025	6	0.2	NS	NO	40.263158	-104.940470	Y
NATIVE-BG04@3'	3/25/2025	3	0.3	NS	NO	40.263080	-104.940766	Y
NATIVE-BG04@6'	3/25/2025	6	0.8	NS	NO	40.263080	-104.940766	Y
NATIVE-BG01@3' (Rem No. 32533)	1/24/2024	3	0.0	NS	NO	40.26813029	-104.9392151	Y
NATIVE-BG01@6' (Rem No. 32533)	1/24/2024	6	0.0	NS	NO	40.26813029	-104.9392151	Y
NATIVE-BG02@3' (Rem No. 32533)	1/24/2024	3	0.0	NS	NO	40.26799947	-104.9393790	Y
NATIVE-BG02@6' (Rem No. 32533)	1/24/2024	6	0.0	NS	NO	40.26799947	-104.9393790	Y
NATIVE-BG03@3' (Rem No. 32533)	1/24/2024	3	0.0	NS	NO	40.26817481	-104.9394135	Y
NATIVE-BG03@6' (Rem No. 32533)	1/24/2024	6	0.0	NS	NO	40.26817481	-104.9394135	Y
NATIVE-BG04@3' (Rem No. 32533)	2/8/2024	3	0.0	NS	NO	40.26806337	-104.9392502	Y
NATIVE-BG04@6' (Rem No. 32533)	2/8/2024	6	0.0	NS	NO	40.26806337	-104.9392502	Y
NATIVE-BG05@3' (Rem No. 32533)	2/8/2024	3	0.0	NS	NO	40.26809746	-104.9394542	Y
NATIVE-BG05@6' (Rem No. 32533)	2/8/2024	6	0.0	NS	NO	40.26809746	-104.9394542	Y
NATIVE-BG06@3' (Rem No. 32533)	2/8/2024	3	0.0	NS	NO	40.26821800	-104.9394167	Y
NATIVE-BG06@6' (Rem No. 32533)	2/8/2024	6	0.0	NS	NO	40.26821800	-104.9394167	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
FRANK 23,14,RUSSELL 19, 13-31 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												
AST01@0.5'	3/25/2025	0.5	0.563	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	0.00203
AST01@0.5'-V	3/25/2025	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AST02@0.5'	3/25/2025	0.5	20.4	105	<100	<0.00200	0.0385	0.0186	0.188	0.157	0.0554	<0.00356
AST02@0.5'-V	3/25/2025	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PRODUCED WATER VESSEL SAMPLES												
PWV-N01@2.5'	3/25/2025	2.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00130
PWV-N01@2.5'-V	3/25/2025	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PWV-B01@5'	3/26/2025	5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
PWV-B01@5'-V	3/26/2025	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEPARATOR SAMPLES												
SEP01-Inlet@5'	3/25/2025	5	0.456	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00129
SEP01-Inlet@5'-V	3/25/2025	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEP01-Outlet@5'	3/25/2025	5	0.206	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00129
SEP01-Outlet@5'-V	3/25/2025	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TANK BATTERY SAMPLES (BELOW LINER)												
TB-B01@1'	3/26/2025	1	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
TB-B01@1'-V	3/26/2025	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB-B02@1'	3/26/2025	1	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
TB-B02@1'-V	3/26/2025	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS SAMPLES												
FL04@5'	3/25/2025	5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
FL04@5'-V	3/25/2025	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL05@5'	3/25/2025	5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
FL05@5'-V	3/25/2025	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL06@5'	3/25/2025	5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
FL06@5'-V	3/25/2025	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL07@5'	3/25/2025	5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
FL07@5'-V	3/25/2025	5	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

**TABLE 2-2
SOIL SAMPLE ANALYTICAL RESULTS
POLYCYCLIC AROMATIC HYDROCARBONS
FRANK 23,14,RUSSELL 19, 13-31 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																
AST01@0.5'	3/25/2025	0.5	<0.00339	<0.00339	<0.00339	<0.00339	<0.00339	<0.00339	0.00237	<0.00339	<0.00339	0.0163	<0.00339	0.0200	0.0322	<0.00339
AST01@0.5'-V	3/25/2025	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AST02@0.5'	3/25/2025	0.5	<0.00356	<0.00356	<0.00356	<0.00356	<0.00356	<0.00356	0.00213	<0.00356	0.00178	0.00960	<0.00356	0.0124	0.0181	0.00213
AST02@0.5'-V	3/25/2025	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PRODUCED WATER VESSEL SAMPLES																
PWV-N01@2.5'	3/25/2025	2.5	<0.00395	<0.00395	<0.00395	<0.00395	<0.00395	<0.00395	<0.00395	<0.00395	<0.00395	<0.00395	<0.00395	<0.00395	<0.00395	<0.00395
PWV-N01@2.5'-V	3/25/2025	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PWV-B01@5'	3/26/2025	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
PWV-B01@5'-V	3/26/2025	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEPARATOR SAMPLES																
SEP01-Inlet@5'	3/25/2025	5	<0.00391	<0.00391	<0.00391	<0.00391	<0.00391	<0.00391	<0.00391	<0.00391	<0.00391	<0.00391	<0.00391	<0.00391	<0.00391	<0.00391
SEP01-Inlet@5'-V	3/25/2025	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEP01-Outlet@5'	3/25/2025	5	<0.00391	<0.00391	<0.00391	<0.00391	<0.00391	<0.00391	<0.00391	<0.00391	<0.00391	<0.00391	<0.00391	<0.00391	<0.00391	<0.00391
SEP01-Outlet@5'-V	3/25/2025	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TANK BATTERY SAMPLES (BELOW LINER)																
TB-B01@1'	3/26/2025	1	<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
TB-B01@1'-V	3/26/2025	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB-B02@1'	3/26/2025	1	<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
TB-B02@1'-V	3/26/2025	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS SAMPLES																
FL04@5'	3/25/2025	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
FL04@5'-V	3/25/2025	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL05@5'	3/25/2025	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
FL05@5'-V	3/25/2025	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL06@5'	3/25/2025	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
FL06@5'-V	3/25/2025	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL07@5'	3/25/2025	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
FL07@5'-V	3/25/2025	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

ECMC - Energy and Carbon Management Commission

PGSSLs - Protection of Groundwater Soil Screening Level Concentrations

ft - feet

bgs - below ground surface

mg/kg - milligrams per kilogram

< - less than laboratory reporting limit

NA - Not Analyzed/Not Applicable

Bold - exceeds ECMC Table 915-1 allowable level

**TABLE 2-3
SOIL SAMPLE ANALYTICAL RESULTS
SOIL SUITABILITY FOR RECLAMATION
FRANK 23,14,RUSSELL 19, 13-31 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)			0.0552	0.231	7.36	NA
Site-Specific Background Limits (3')			3.04	3.88	8.59	1.69
Site-Specific Background Limits (6')			3.85	6.85	8.46	2.12
ABOVEGROUND STORAGE TANK SAMPLES						
AST01@0.5'	3/25/2025	0.5	0.125	0.282	7.84	<0.102
AST01@0.5'-V	3/25/2025	0.5	NA	NA	7.23	NA
AST02@0.5'	3/25/2025	0.5	0.219	0.199	8.19	<0.0989
AST02@0.5'-V	3/25/2025	0.5	NA	NA	8.01	NA
PRODUCED WATER VESSEL SAMPLES						
PWV-N01@2.5'	3/25/2025	2.5	0.196	0.0361	8.37*	0.147
PWV-N01@2.5'-V	3/25/2025	2.5	NA	NA	8.16	NA
PWV-B01@5'	3/26/2025	5	0.796	3.18	8.44*	0.659
PWV-B01@5'-V	3/26/2025	5	NA	NA	8.54*	NA
SEPARATOR SAMPLES						
SEP01-Inlet@5'	3/25/2025	5	0.296	0.787	8.34*	0.334
SEP01-Inlet@5'-V	3/25/2025	5	NA	NA	8.06	NA
SEP01-Outlet@5'	3/25/2025	5	0.215	0.388	8.31*	<0.0992
SEP01-Outlet@5'-V	3/25/2025	5	NA	NA	7.83	NA
TANK BATTERY SAMPLES (BELOW LINER)						
TB-B01@1'	3/26/2025	1	0.257	0.516	8.29	<0.102
TB-B01@1'-V	3/26/2025	1	NA	NA	8.58*	NA
TB-B02@1'	3/26/2025	1	0.915	1.53	8.18	<0.101
TB-B02@1'-V	3/26/2025	1	NA	NA	8.33*	NA
MISCELLANEOUS SAMPLES						
FL04@5'	3/25/2025	5	0.346	0.437	8.34*	0.565
FL04@5'-V	3/25/2025	5	NA	NA	8.24	NA
FL05@5'	3/25/2025	5	0.276	0.288	8.33*	0.411
FL05@5'-V	3/25/2025	5	NA	NA	8.22	NA
FL06@5'	3/25/2025	5	0.644	0.627	8.25	0.786
FL06@5'-V	3/25/2025	5	NA	NA	8.18	NA
FL07@5'	3/25/2025	5	0.660	0.594	8.24	0.660
FL07@5'-V	3/25/2025	5	NA	NA	7.99	NA
BACKGROUND SOIL SAMPLES						
TB-BG01@0.5'	3/25/2025	0.5	0.0552	0.231	7.36	<0.0995
NATIVE-BG01@3'	3/25/2025	3	0.313	0.182	8.33	0.167
NATIVE-BG01@6'	3/25/2025	6	0.291	0.134	8.38	0.272

**TABLE 2-3
SOIL SAMPLE ANALYTICAL RESULTS
SOIL SUITABILITY FOR RECLAMATION
FRANK 23,14,RUSSELL 19, 13-31 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)			0.0552	0.231	7.36	NA
Site-Specific Background Limits (3')			3.04	3.88	8.59	1.69
Site-Specific Background Limits (6')			3.85	6.85	8.46	2.12
BACKGROUND SOIL SAMPLES						
NATIVE-BG02@3'	3/25/2025	3	0.313	0.191	8.41	0.201
NATIVE-BG02@6'	3/25/2025	6	0.329	0.180	8.41	0.217
NATIVE-BG03@3'	3/25/2025	3	0.342	0.200	8.35	0.210
NATIVE-BG03@6'	3/25/2025	6	0.360	0.173	8.43	0.269
NATIVE-BG04@3'	3/25/2025	3	0.323	0.244	8.41	0.317
NATIVE-BG04@6'	3/25/2025	6	0.385	0.409	8.41	0.701
NATIVE-BG01@3' (Rem No. 32533)	1/24/2024	3	0.484	1.37	8.44	0.820
NATIVE-BG01@6' (Rem No. 32533)	1/24/2024	6	1.14	4.74	8.44	1.62
NATIVE-BG02@3' (Rem No. 32533)	1/24/2024	3	2.45	1.03	8.20	1.69
NATIVE-BG02@6' (Rem No. 32533)	1/24/2024	6	3.15	1.91	8.17	2.12
NATIVE-BG03@3' (Rem No. 32533)	1/24/2024	3	3.04	3.88	8.20	1.41
NATIVE-BG03@6' (Rem No. 32533)	1/24/2024	6	3.85	6.85	8.27	1.61
NATIVE-BG04@3' (Rem No. 32533)	2/8/2024	3	NA	NA	8.59	NA
NATIVE-BG04@6' (Rem No. 32533)	2/8/2024	6	NA	NA	8.46	NA
NATIVE-BG05@3' (Rem No. 32533)	2/8/2024	3	NA	NA	8.33	NA
NATIVE-BG05@6' (Rem No. 32533)	2/8/2024	6	NA	NA	8.35	NA
NATIVE-BG06@3' (Rem No. 32533)	2/8/2024	3	NA	NA	8.56	NA
NATIVE-BG06@6' (Rem No. 32533)	2/8/2024	6	NA	NA	8.45	NA

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
FRANK 23,14,RUSSELL 19, 13-31 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)			2.87	17.5	NA	NA	NA	3.72	5.16	NA	NA	NA
Site-Specific Background Limits (3')			22.0	401	0.319	NA	14.9	12.4	17.2	1.23	NA	56.4
Site-Specific Background Limits (6')			11.6	238	0.223	NA	13.1	10.9	15.2	0.317	NA	52.7
ABOVEGROUND STORAGE TANK SAMPLES												
AST01@0.5'	3/25/2025	0.5	0.751*	<9.37	<0.0937	<0.258	<9.37	1.63	1.14	<0.243	<0.0937	<34.7
AST01@0.5'-V	3/25/2025	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AST02@0.5'	3/25/2025	0.5	3.78*	68.8	0.155	<0.339	<9.74	6.85	8.87	<0.253	<0.0974	270
AST02@0.5'-V	3/25/2025	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PRODUCED WATER VESSEL SAMPLES												
PWV-N01@2.5'	3/25/2025	2.5	4.95*	144*	0.169	<0.346	11.3	9.13	12.8	<0.250	<0.0963	45.2
PWV-N01@2.5'-V	3/25/2025	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PWV-B01@5'	3/26/2025	5	5.56*	156*	0.168	<0.456	12.5	10.1	13.8	0.253	<0.0838	54.7
PWV-B01@5'-V	3/26/2025	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEPARATOR SAMPLES												
SEP01-Inlet@5'	3/25/2025	5	3.87*	102*	0.137	<0.410	<9.94	7.22	9.50	<0.258	<0.0994	38.3
SEP01-Inlet@5'-V	3/25/2025	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEP01-Outlet@5'	3/25/2025	5	3.80*	42.4	0.114	<0.416	<9.66	4.56	5.84	<0.251	<0.0966	<35.7
SEP01-Outlet@5'-V	3/25/2025	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TANK BATTERY SAMPLES (BELOW LINER)												
TB-B01@1'	3/26/2025	1	2.30*	41.9	<0.0913	<0.361	<9.13	4.45	5.85	<0.237	<0.0913	<33.8
TB-B01@1'-V	3/26/2025	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB-B02@1'	3/26/2025	1	4.16*	52.2	<0.0945	<0.415	<9.45	7.10	6.18	0.283*	<0.0945	<35.0
TB-B02@1'-V	3/26/2025	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS SAMPLES												
FL04@5'	3/25/2025	5	6.20*	206*	0.199	<0.427	13.6	11.1	15.3	0.255	<0.0915	52.9
FL04@5'-V	3/25/2025	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL05@5'	3/25/2025	5	7.05*	165*	0.234	<0.466	14.2	11.7	15.0	0.300*	<0.0943	56.5
FL05@5'-V	3/25/2025	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL06@5'	3/25/2025	5	5.83*	160*	0.209	<0.281	13.3	11.0	14.7	0.303*	<0.0965	53.1
FL06@5'-V	3/25/2025	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FL07@5'	3/25/2025	5	5.10*	126*	0.184	<0.319	12.1	9.81	12.5	0.281*	<0.0891	47.9
FL07@5'-V	3/25/2025	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BACKGROUND SOIL SAMPLES												
TB-BG01@0.5'	3/25/2025	0.5	2.87	17.5	<0.0876	<0.249	<8.76	3.72	5.16	<0.228	<0.0876	<32.4
NATIVE-BG01@3'	3/25/2025	3	5.81	199	0.226	<0.340	13.7	11.4	16.1	<0.246	<0.0945	54.8
NATIVE-BG01@6'	3/25/2025	6	5.73	154	0.129	<0.374	13.1	10.9	15.2	<0.260	<0.100	52.7

**TABLE 2-4
SOIL SAMPLE ANALYTICAL RESULTS
METALS
FRANK 23,14,RUSSELL 19, 13-31 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)			2.87	17.5	NA	NA	NA	3.72	5.16	NA	NA	NA
Site-Specific Background Limits (3')			22.0	401	0.319	NA	14.9	12.4	17.2	1.23	NA	56.4
Site-Specific Background Limits (6')			11.6	238	0.223	NA	13.1	10.9	15.2	0.317	NA	52.7
BACKGROUND SOIL SAMPLES												
NATIVE-BG02@3'	3/25/2025	3	6.02	401	0.215	<0.405	14.9	11.7	17.2	<0.247	<0.0948	56.4
NATIVE-BG02@6'	3/25/2025	6	5.89	211	0.203	<0.377	12.6	10.6	14.9	<0.248	<0.0955	52.0
NATIVE-BG03@3'	3/25/2025	3	5.51	173	0.213	<0.363	12.7	10.6	15.0	<0.242	<0.0931	51.1
NATIVE-BG03@6'	3/25/2025	6	5.47	202	0.185	<0.318	12.4	10.1	14.0	<0.241	<0.0928	48.4
NATIVE-BG04@3'	3/25/2025	3	5.89	195.0	0.226	<0.459	13.3	10.8	15.6	<0.256	<0.0983	50.5
NATIVE-BG04@6'	3/25/2025	6	5.77	238	0.223	<0.436	12.9	10.6	14.8	<0.244	<0.0938	49.6
NATIVE-BG01@3' (Rem No. 32533)	1/24/2024	3	4.70	218	0.179	<0.5	9.74	9.96	11.6	0.134	<0.0876	38.1
NATIVE-BG01@6' (Rem No. 32533)	1/24/2024	6	6.80	120	0.117	<0.501	<9.62	8.00	9.84	0.194	<0.0962	30.1
NATIVE-BG02@3' (Rem No. 32533)	1/24/2024	3	22.0	180	0.202	<0.5	11.3	12.0	13.7	1.23	<0.0935	44.6
NATIVE-BG02@6' (Rem No. 32533)	1/24/2024	6	11.6	164	0.155	<0.5	<8.63	10.3	10.6	0.317	<0.0863	36.3
NATIVE-BG03@3' (Rem No. 32533)	1/24/2024	3	6.94	144	0.319	<0.5	11.7	10.1	14.5	0.308	<0.0969	46.8
NATIVE-BG03@6' (Rem No. 32533)	1/24/2024	6	5.20	101	0.110	<0.5	<9.57	8.54	8.97	0.176	<0.0957	32.5
NATIVE-BG04@3' (Rem No. 32533)	2/8/2024	3	7.16	209	NA	NA	NA	11.2	NA	NA	NA	NA
NATIVE-BG04@6' (Rem No. 32533)	2/8/2024	6	5.33	98.2	NA	NA	NA	6.72	NA	NA	NA	NA
NATIVE-BG05@3' (Rem No. 32533)	2/8/2024	3	6.33	117	NA	NA	NA	10.7	NA	NA	NA	NA
NATIVE-BG05@6' (Rem No. 32533)	2/8/2024	6	9.62	55.4	NA	NA	NA	7.80	NA	NA	NA	NA
NATIVE-BG06@3' (Rem No. 32533)	2/8/2024	3	8.19	147	NA	NA	NA	12.4	NA	NA	NA	NA
NATIVE-BG06@6' (Rem No. 32533)	2/8/2024	6	4.98	64.8	NA	NA	NA	5.71	NA	NA	NA	NA

Notes:

ECMC - Energy and Carbon Management Commission

PGSSLs - Protection of Groundwater Soil Screening Level Concentrations

ft - feet

bgs - below ground surface

mg/kg - milligrams per kilogram

< - less than laboratory reporting limit

NA - Not Analyzed/Not Applicable

Bold - exceeds ECMC Table 915-1 allowable level 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.