

**TABLE 1
SOIL SAMPLE FIELD DATA SUMMARY TABLE
SMITS FED, SCHMIDT P2 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								
Base@0.5'	9/10/2025	0.5	10.9	NS	NO	40.128571	-104.80775	N
AST01@0.5'	9/10/2025	0.5	27.3	NS	NO	40.128572	-104.807732	Y
Loadout@0.5'	9/10/2025	0.5	1.6	NS	NO	40.128577	-104.807769	N
PRODUCED WATER VESSEL SAMPLES								
PWV-B01@5'	9/10/2025	5	0.4	NS	NO	40.128623	-104.80775	Y
PWV-N01@2.5'	9/10/2025	2.5	0.5	NS	NO	40.128639	-104.80774	Y
PWV-E WALL@2.5'	9/10/2025	2.5	0.1	NS	NO	40.128616	-104.807731	N
PWV-S WALL@2.5'	9/10/2025	2.5	0.1	NS	NO	40.128614	-104.807752	N
PWV-W WALL@2.5'	9/10/2025	2.5	0.7	NS	NO	40.12863	-104.807767	N
SEPARATOR SAMPLES								
SEP01-Inlet@3'	9/10/2025	3	0.1	NS	NO	40.128169	-104.807853	Y
SEP01-Outlet@3'	9/10/2025	3	0.4	NS	NO	40.128221	-104.807864	Y
MISCELLANEOUS SAMPLES								
ECD@0.5'	9/10/2025	NA	0.0	NS	NO	40.128069	-104.807888	N
Meter House@0.5'	9/10/2025	NA	0.0	NS	NO	40.128254	-104.807824	N
BACKGROUND SOIL SAMPLES								
NATIVE-BG01@3' (Rem No. 40075)	5/14/2025	3	2.1	NS	NO	40.125042	-104.802629	Y
NATIVE-BG01@6' (Rem No. 40075)	5/14/2025	6	1.7	NS	NO	40.125042	-104.802629	Y
NATIVE-BG02@3' (Rem No. 40075)	5/14/2025	3	1.6	NS	NO	40.124976	-104.802547	Y
NATIVE-BG02@6' (Rem No. 40075)	5/14/2025	6	1.9	NS	NO	40.124976	-104.802547	Y
NATIVE-BG03@3' (Rem No. 40075)	5/14/2025	3	2.4	NS	NO	40.124881	-104.802515	Y
NATIVE-BG03@6' (Rem No. 40075)	5/14/2025	6	1.9	NS	NO	40.124881	-104.802515	Y
NATIVE-BG04@3' (Rem No. 40075)	5/14/2025	3	2.6	NS	NO	40.12479	-104.802523	Y
NATIVE-BG04@6' (Rem No. 40075)	5/14/2025	6	2.2	NS	NO	40.12479	-104.802523	Y
NATIVE-BG05@3' (Rem No. 40075)	5/14/2025	3	0.9	NS	NO	40.124705	-104.802575	Y
NATIVE-BG05@6' (Rem No. 40075)	5/14/2025	6	1.8	NS	NO	40.124705	-104.802575	Y
NATIVE-BG06@3' (Rem No. 40075)	5/14/2025	3	3.1	NS	NO	40.124686	-104.802673	Y
NATIVE-BG06@6' (Rem No. 40075)	5/14/2025	6	2.1	NS	NO	40.124686	-104.802673	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
SMITS FED, SCHMIDT P2 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'	9/10/2025	0.5	0.995	<28.8	<115	<0.002	<0.002	<0.002	0.120	0.026	0.014	0.002
PRODUCED WATER VESSEL SAMPLES												
PWV-B01@5'	9/10/2025	5	<0.204	<25.5	<102	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
PWV-N01@2.5'	9/10/2025	2.5	<0.219	<27.3	<109	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
SEPARATOR SAMPLES												
SEP01-Inlet@3'	9/10/2025	3	<0.243	<30.4	<121	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
SEP01-Outlet@3'	9/10/2025	3	<0.236	613	451	<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

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
 SMITS FED, SCHMIDT P2 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'	9/10/2025	0.5	<0.023	<0.023	<0.006	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.002	0.004	<0.023
PRODUCED WATER VESSEL SAMPLES																
PWV-B01@5'	9/10/2025	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-N01@2.5'	9/10/2025	2.5	<0.022	<0.022	<0.005	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.002	<0.002	<0.022
SEPARATOR SAMPLES																
SEP01-Inlet@3'	9/10/2025	3	<0.024	<0.024	0.016	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.002	<0.002	0.025
SEP01-Outlet@3'	9/10/2025	3	0.041	0.189	0.907	0.566	0.223	0.492	0.877	0.047	2.00	0.043	0.200	<0.002	0.003	1.63

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
SMITS FED, SCHMIDT P2 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			0.455	3.71	8.35	0.132
ABOVEGROUND STORAGE TANK SAMPLES						
AST01@0.5'	9/10/2025	0.5	0.261	0.0647	7.79	<0.115
PRODUCED WATER VESSEL SAMPLES						
PWV-B01@5'	9/10/2025	5	0.0788	0.578	6.48	<0.102
PWV-N01@2.5'	9/10/2025	2.5	0.231	0.107	7.80	0.119
SEPARATOR SAMPLES						
SEP01-Inlet@3'	9/10/2025	3	0.272	0.137	7.90	0.156
SEP01-Outlet@3'	9/10/2025	3	0.248	0.506	8.01	0.162
BACKGROUND SOIL SAMPLES						
NATIVE-BG01@3' (Rem No. 40075)	5/14/2025	3	0.225	2.56	7.48	<0.101
NATIVE-BG01@6' (Rem No. 40075)	5/14/2025	6	0.230	1.98	8.15	<0.0999
NATIVE-BG02@3' (Rem No. 40075)	5/14/2025	3	0.264	3.11	7.64	<0.100
NATIVE-BG02@6' (Rem No. 40075)	5/14/2025	6	0.455	3.51	8.31	0.102
NATIVE-BG03@3' (Rem No. 40075)	5/14/2025	3	0.238	3.63	7.80	<0.100
NATIVE-BG03@6' (Rem No. 40075)	5/14/2025	6	0.289	2.13	8.35	<0.100
NATIVE-BG04@3' (Rem No. 40075)	5/14/2025	3	0.318	3.29	7.46	<0.100
NATIVE-BG04@6' (Rem No. 40075)	5/14/2025	6	0.345	2.57	8.31	<0.100
NATIVE-BG05@3' (Rem No. 40075)	5/14/2025	3	0.172	3.71	7.64	<0.100
NATIVE-BG05@6' (Rem No. 40075)	5/14/2025	6	0.422	3.27	8.33	0.118
NATIVE-BG06@3' (Rem No. 40075)	5/14/2025	3	0.148	2.73	7.54	<0.100
NATIVE-BG06@6' (Rem No. 40075)	5/14/2025	6	0.348	2.45	8.34	0.132

Notes:

ECMC - Energy and Carbon Management Commission

EC - electrical conductivity

SAR - sodium adsorption ratio

< - less than laboratory reporting limit

-V - verification sample collected in separate bottles

NA - Not Analyzed/Not Applicable

Bold - exceeds ECMC Table 915-1 allowable level and background

*Exceeds Table 915-1 allowable level but within background

If site-specific backgrounds are less than cleanup concentrations, then cleanup concentration values will be applied.

ft - feet

bgs - below ground surface

mmhos/cm - millimhos per centimeter

mg/L - milligrams per liter

**TABLE 2-4
SOIL SAMPLE ANALYTICAL RESULTS
METALS
SMITS FED, SCHMIDT P2 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 [^]			3.70	NA	NA	NA	NA	NA	NA	NA	NA	NA
ABOVEGROUND STORAGE TANK SAMPLES												
AST01@0.5'	9/10/2025	0.5	2.41*	93.5	0.407	0.19	<37.2	<11.3	<21.0	0.283	<0.646	<299
PRODUCED WATER VESSEL SAMPLES												
PWV-B01@5'	9/10/2025	5	1.15*	<58.1	<0.269	<0.21	<32.6	<9.93	<18.4	<0.174	<0.567	<262
PWV-N01@2.5'	9/10/2025	2.5	1.79*	<57.2	<0.265	<0.21	<32.1	<9.77	<18.1	0.174	<0.558	<258
SEPARATOR SAMPLES												
SEP01-Inlet@3'	9/10/2025	3	3.90*	117	0.741	0.16	<36.5	19.4	<20.6	0.362	<0.635	<294
SEP01-Outlet@3'	9/10/2025	3	2.50*	75.6	<0.304	<0.24	<36.8	<11.2	<20.8	0.244	<0.641	<296
BACKGROUND SOIL SAMPLES												
NATIVE-BG01@3' (Rem No. 40075)	5/14/2025	3	2.12	<77.7	<0.360	<0.19	<43.6	<13.3	<24.6	<0.246	<0.758	<351
NATIVE-BG01@6' (Rem No. 40075)	5/14/2025	6	2.12	<79.5	<0.368	<0.19	<44.6	<13.6	<25.2	<0.252	<0.775	<359
NATIVE-BG02@3' (Rem No. 40075)	5/14/2025	3	1.56	<71.2	<0.330	<0.21	<39.9	<12.2	<22.6	<0.226	<0.695	<321
NATIVE-BG02@6' (Rem No. 40075)	5/14/2025	6	2.17	<72.0	<0.334	<0.20	<40.4	<12.3	<22.8	<0.228	<0.702	<325
NATIVE-BG03@3' (Rem No. 40075)	5/14/2025	3	1.84	<70.3	<0.326	<0.20	<39.4	<12.0	<22.3	<0.223	<0.686	<317
NATIVE-BG03@6' (Rem No. 40075)	5/14/2025	6	1.67	<71.4	<0.331	<0.20	<40.1	<12.2	<22.6	<0.226	<0.697	<322
NATIVE-BG04@3' (Rem No. 40075)	5/14/2025	3	1.71	<72.9	<0.338	<0.20	<40.9	<12.4	<23.1	<0.231	<0.711	<329
NATIVE-BG04@6' (Rem No. 40075)	5/14/2025	6	1.97	<73.5	<0.341	<0.20	<41.2	<12.5	<23.3	<0.233	<0.717	<332
NATIVE-BG05@3' (Rem No. 40075)	5/14/2025	3	1.84	<75.6	<0.350	<0.20	<42.4	<12.9	<24.0	<0.240	<0.738	<341
NATIVE-BG05@6' (Rem No. 40075)	5/14/2025	6	2.22	<75.5	<0.350	<0.20	<42.4	<12.9	<23.9	<0.239	<0.737	<341
NATIVE-BG06@3' (Rem No. 40075)	5/14/2025	3	1.92	<75.9	<0.352	<0.20	<42.6	<13.0	<24.1	<0.241	<0.741	<343
NATIVE-BG06@6' (Rem No. 40075)	5/14/2025	6	2.96	<70.4	<0.326	<0.20	<39.5	<12.0	<22.3	<0.223	<0.687	<318

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

-V - verification sample collected in separate bottles

NA - Not Analyzed/Not Applicable

Bold - exceeds ECMC Table 915-1 allowable level and background

*Exceeds Table 915-1 allowable level but within background

[^] - 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.