

**TABLE 1**  
**SOIL SAMPLE FIELD DATA SUMMARY TABLE**  
**WINDELL1-13&4&5-18 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'	11/12/2024	0.5	0.6	NS	NO	40.144904	-104.828899	Y
AST01@0.5'-V	11/12/2024	0.5	0.6	NS	NO	40.144904	-104.828899	Y
FOOTPRINT	11/12/2024	0.5	0.4	NS	NO	40.144886	-104.828901	N
LOADOUT	11/12/2024	0.5	0.1	NS	NO	40.144871	-104.828899	N
PRODUCED WATER VESSEL SAMPLES								
N WALL	11/12/2024	2	0.0	NS	NO	40.14489	-104.828825	N
E WALL	11/12/2024	2	0.0	NS	NO	40.144876	-104.8288	N
S WALL	11/12/2024	2	0.2	NS	NO	40.144857	-104.828829	N
PWV-W01@2'	11/12/2024	2	0.2	NS	NO	40.144879	-104.828845	Y
PWV-W01@2'-V	11/12/2024	2	0.2	NS	NO	40.144879	-104.828845	Y
PWV-B01@4'	11/12/2024	4	0.5	NS	NO	40.144882	-104.828823	Y
PWV-B01@4'-V	11/12/2024	4	0.5	NS	NO	40.144882	-104.828823	Y
SEPARATOR SAMPLES								
SEP01-INLET@3'	11/12/2024	3	0.5	NS	NO	40.144887	-104.829174	Y
SEP01-OUTLET@3'	11/12/2024	3	0.0	NS	NO	40.144931	-104.829198	Y
	12/3/2024		0.2	NS	NO	40.144931	-104.829198	Y
MISCELLANEOUS SAMPLES								
SCRUB POT	11/12/2024	0.5	0.2	NS	NO	40.144883	-104.82895	N
DUMPLINE	11/12/2024	0.5	0.2	NS	NO	40.144912	-104.828961	N
METERHOUSE	11/12/2024	0.5	0.1	NS	NO	40.144927	-104.829257	N
ECD 1	11/12/2024	0.5	0.1	NS	NO	40.144943	-104.829357	N
ECD 2	11/12/2024	0.5	0.3	NS	NO	40.144895	-104.829358	N
BACKGROUND SOIL SAMPLES								
TB-BG01@0.5'	11/12/2024	0.5	0.7	NS	NO	40.144927	-104.828936	Y
NATIVE-BG01@3' (Rem No. 37055)	11/12/2024	3	0.4	NS	NO	40.139919	-104.827024	Y
NATIVE-BG01@6' (Rem No. 37055)	11/12/2024	6	0.1	NS	NO	40.139919	-104.827024	Y
NATIVE-BG02@3' (Rem No. 37055)	11/12/2024	3	0.0	NS	NO	40.140003	-104.827139	Y
NATIVE-BG02@6' (Rem No. 37055)	11/12/2024	6	0.3	NS	NO	40.140003	-104.827139	Y
NATIVE-BG03@3' (Rem No. 37055)	11/12/2024	3	0.3	NS	NO	40.139882	-104.827303	Y
NATIVE-BG03@6' (Rem No. 37055)	11/12/2024	6	0.0	NS	NO	40.139882	-104.827303	Y
NATIVE-BG04@3' (Rem No. 37055)	11/12/2024	3	0.1	NS	NO	40.139808	-104.8272	Y
NATIVE-BG04@6' (Rem No. 37055)	11/12/2024	6	0.0	NS	NO	40.139808	-104.8272	Y
NATIVE-BG05@3' (Rem No. 37055)	11/12/2024	3	0.1	NS	NO	40.139802	-104.827086	Y
NATIVE-BG05@6' (Rem No. 37055)	11/12/2024	6	0.0	NS	NO	40.139802	-104.827086	Y

**Notes:**

ft. - feet

bgs - below ground surface

NS - No Staining

NO - No Odor

PID - Photoionization detector

ppm - parts per million

NA - Not Analyzed/Not Applicable

**TABLE 2-1**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
**VOLATILE ORGANIC COMPOUNDS AND TOTAL PETROLEUM HYDROCARBONS**  
**WINDELL 1-13&4&5-18 FACILITY**  
**WELD COUNTY, COLORADO**  
**KERR-MCGEE OIL AND GAS ONSHORE, LP**

Soil Sample ID	Date	Depth (ft. bgs)	TPH-GRO <sup>+</sup> (mg/kg)	TPH-DRO <sup>+</sup> (mg/kg)	TPH-RRO <sup>+</sup> (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'	11/12/2024	0.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	RP
AST01@0.5'-V	11/12/2024	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PRODUCED WATER VESSEL SAMPLES												
PWV-W01@2'	11/12/2024	2	1.40	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	RP
PWV-W01@2'-V	11/12/2024	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PWV-B01@4'	11/12/2024	4	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	RP
PWV-B01@4'-V	11/12/2024	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEPARATOR SAMPLES												
SEP01-INLET@3'	11/12/2024	3	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	RP
SEP01-OUTLET@3'	11/12/2024	3	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	RP
	12/3/2024		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  
WINDELL1-13&4&5-18 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'	11/12/2024	0.5	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP
AST01@0.5'-V	11/12/2024	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PRODUCED WATER VESSEL SAMPLES																
PWV-W01@2'	11/12/2024	2	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP
PWV-W01@2'-V	11/12/2024	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PWV-B01@4'	11/12/2024	4	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP
PWV-B01@4'-V	11/12/2024	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEPARATOR SAMPLES																
SEP01-INLET@3'	11/12/2024	3	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP
SEP01-OUTLET@3'	11/12/2024	3	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP
	12/3/2024		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  
WINDELL 1-13&4&5-18 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)			NA	NA	NA	NA
Site-Specific Background Limits (3'-6')			NA	NA	NA	NA
ABOVEGROUND STORAGE TANK SAMPLES						
AST01@0.5'	11/12/2024	0.5	RP	RP	RP	RP
AST01@0.5'-V	11/12/2024	0.5	RP	RP	RP	RP
PRODUCED WATER VESSEL SAMPLES						
PWV-W01@2'	11/12/2024	2	RP	RP	RP	RP
PWV-W01@2'-V	11/12/2024	2	RP	RP	RP	RP
PWV-B01@4'	11/12/2024	4	RP	RP	RP	RP
PWV-B01@4'-V	11/12/2024	4	RP	RP	RP	RP
SEPARATOR SAMPLES						
SEP01-INLET@3'	11/12/2024	3	RP	RP	RP	RP
SEP01-OUTLET@3'	11/12/2024	3	RP	RP	RP	RP
	12/3/2024		NA	NA	RP	NA
BACKGROUND SOIL SAMPLES						
TB-BG01@0.5'	11/12/2024	0.5	RP	RP	RP	RP
NATIVE-BG01@3' (Rem No. 37055)	11/12/2024	3	RP	RP	RP	RP
NATIVE-BG01@6' (Rem No. 37055)	11/12/2024	6	RP	RP	RP	RP
NATIVE-BG02@3' (Rem No. 37055)	11/12/2024	3	RP	RP	RP	RP
NATIVE-BG02@6' (Rem No. 37055)	11/12/2024	6	RP	RP	RP	RP
NATIVE-BG03@3' (Rem No. 37055)	11/12/2024	3	RP	RP	RP	RP
NATIVE-BG03@6' (Rem No. 37055)	11/12/2024	6	RP	RP	RP	RP
NATIVE-BG04@3' (Rem No. 37055)	11/12/2024	3	RP	RP	RP	RP
NATIVE-BG04@6' (Rem No. 37055)	11/12/2024	6	RP	RP	RP	RP
NATIVE-BG05@3' (Rem No. 37055)	11/12/2024	3	RP	RP	RP	RP
NATIVE-BG05@6' (Rem No. 37055)	11/12/2024	6	RP	RP	RP	RP

**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**  
**WINDELL1-13&4&5-18 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)^			4.90	83.5	0.594	NA	22.6	23.4	7.74	NA	0.319	103
Site-Specific Background Limits (3'-6')^			7.21	148	0.600	NA	95.3	38.8	8.80	0.708	0.633	114
ABOVEGROUND STORAGE TANK SAMPLES												
AST01@0.5'	11/12/2024	0.5	3.33*	58.0	0.227	RP	12.1	12.4	7.60	<0.230	0.120	50.3
AST01@0.5'-V	11/12/2024	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PRODUCED WATER VESSEL SAMPLES												
PWV-W01@2'	11/12/2024	2	4.11*	92.8*	0.559*	RP	18.9	20.7*	7.67	0.290*	0.347	76.1
PWV-W01@2'-V	11/12/2024	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PWV-B01@4'	11/12/2024	4	1.41*	40.8	<0.0932	RP	<9.32	4.05	3.10	<0.242	<0.0932	<34.5
PWV-B01@4'-V	11/12/2024	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEPARATOR SAMPLES												
SEP01-INLET@3'	11/12/2024	3	4.92*	106*	0.513*	RP	24.2	25.5*	8.41	0.274*	0.320	96.1
SEP01-OUTLET@3'	11/12/2024	3	5.56*	109*	0.673	RP	26.9	32.5*	9.72	0.341*	0.343	106
	12/3/2024		NA	NA	0.224	NA	NA	NA	NA	NA	NA	NA
BACKGROUND SOIL SAMPLES												
TB-BG01@0.5'	11/12/2024	0.5	3.92	66.8	0.475	RP	18.1	18.7	6.19	<0.234	0.255	82.1
NATIVE-BG01@3' (Rem No. 37055)	11/12/2024	3	5.77	77.7	0.480	RP	45.9	31.0	5.48	<0.246	0.506	91.2
NATIVE-BG01@6' (Rem No. 37055)	11/12/2024	6	4.43	118	0.291	RP	76.2	28.3	7.04	0.343	0.504	81.8
NATIVE-BG02@3' (Rem No. 37055)	11/12/2024	3	1.64	14.5	<0.0973	RP	<9.73	4.24	1.31	<0.253	<0.0973	<36.0
NATIVE-BG02@6' (Rem No. 37055)	11/12/2024	6	1.90	21.1	<0.0901	RP	<9.01	6.88	1.86	<0.234	0.102	<33.3
NATIVE-BG03@3' (Rem No. 37055)	11/12/2024	3	1.65	30.3	0.0937	RP	<9.28	4.11	2.70	<0.241	<0.0928	<34.3
NATIVE-BG03@6' (Rem No. 37055)	11/12/2024	6	2.41	29.6	0.113	RP	10.1	10.5	2.23	<0.229	0.102	<32.6
NATIVE-BG04@3' (Rem No. 37055)	11/12/2024	3	1.92	30.0	<0.0894	RP	16.0	9.67	1.99	<0.232	0.162	40.7
NATIVE-BG04@6' (Rem No. 37055)	11/12/2024	6	1.50	30.7	<0.0893	RP	<8.93	6.37	2.31	0.566	<0.0893	<33.1
NATIVE-BG05@3' (Rem No. 37055)	11/12/2024	3	2.02	10.4	<0.0912	RP	<9.12	2.67	1.47	<0.237	<0.0912	<33.8
NATIVE-BG05@6' (Rem No. 37055)	11/12/2024	6	0.839	10.0	<0.0891	RP	<8.91	1.72	1.41	<0.232	<0.0891	<33.0

**Notes:**

ECMC - Energy and Carbon Management Commission

PGSSLs - Protection of Groundwater Soil Screening Level Concentrations

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.

ft - feet

bgs - below ground surface

mg/kg - milligrams per kilogram

< - less than laboratory reporting limit

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