

**TABLE 1**  
**SOIL SAMPLE FIELD DATA SUMMARY TABLE**  
**FRANK 10-31 WELLHEAD**  
**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>WELLHEAD EXCAVATION SAMPLES</b>								
N Wall	1/24/2024	3	0.0	NS	NO	40.268105	-104.930035	N
E Wall	1/24/2024	3	0.0	NS	NO	40.268091	-104.930006	N
S Wall	1/24/2024	3	0.0	NS	NO	40.268079	-104.930033	N
W Wall	1/24/2024	3	0.0	NS	NO	40.268087	-104.930051	N
WH01-RISER@3'	1/24/2024	3	0.0	NS	NO	40.268105	-104.930031	Y
B01@6'	1/24/2024	6	0.0	NS	NO	40.268091	-104.930037	Y
FS01	1/24/2024	0.5	0.0	NS	NO	40.26813	-104.930049	N
FS02	1/24/2024	0.5	0.0	NS	NO	40.268096	-104.929973	N
FS03	1/24/2024	0.5	0.0	NS	NO	40.26805	-104.930047	N
FS04	1/24/2024	0.5	0.0	NS	NO	40.268088	-104.930094	N
<b>FLOWLINE POTHOLE SAMPLES</b>								
PH01	1/26/2024	4	0.0	NS	NO	40.262953	-104.927696	N
PH02	1/26/2024	5	0.0	NS	NO	40.26319	-104.927698	N
PH03	1/29/2024	4	0.1	NS	NO	40.263409	-104.927721	N
PH04	1/29/2024	4	0.1	NS	NO	40.263638	-104.927711	N
PH05	1/29/2024	2	0.2	NS	NO	40.263921	-104.927712	N
PH06	1/29/2024	4	1.3	NS	NO	40.264165	-104.927701	N
PH07	1/29/2024	4	0.2	NS	NO	40.264451	-104.927698	N
PH08	1/29/2024	4	0.1	NS	NO	40.264744	-104.927699	N
PH09	1/29/2024	4	0.2	NS	NO	40.265037	-104.927702	N
PH10	1/29/2024	4	0.0	NS	NO	40.265347	-104.927682	N
PH11	1/30/2024	4	5.4	NS	NO	40.265582	-104.927692	N
PH12	1/30/2024	4	4.1	NS	NO	40.265844	-104.927678	N
PH13	1/30/2024	4	1.7	NS	NO	40.266084	-104.92768	N
PH14	1/30/2024	4	1.9	NS	NO	40.266342	-104.927668	N
PH15	1/30/2024	4	1.4	NS	NO	40.266606	-104.927678	N
PH16	1/30/2024	4	0.6	NS	NO	40.266911	-104.927678	N
PH17	1/30/2024	4	0.0	NS	NO	40.267197	-104.927666	N
PH18	1/30/2024	4	1.9	NS	NO	40.267501	-104.927654	N
FL01@3'	1/30/2024	3	0.2	NS	NO	40.267693	-104.927657	Y
PH20	1/31/2024	3	4.8	NS	NO	40.26773	-104.927853	N
PH21	1/31/2024	3	0.6	NS	NO	40.267751	-104.928003	N
PH22	1/31/2024	4	1.1	NS	NO	40.267801	-104.92827	N
PH23	1/31/2024	4	0.8	NS	NO	40.267845	-104.928537	N
PH24	1/31/2024	3	0.6	NS	NO	40.267897	-104.928855	N
PH25	1/31/2024	3	0.7	NS	NO	40.267949	-104.929124	N

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Soil Sample Location	Date	Depth (ft. bgs)	PID Reading (ppm)	Visual Observation	Olfactory Observation	Latitude	Longitude	Submitted for Lab Analysis? (Y/N)
PH26	1/31/2024	4	1.1	NS	NO	40.268	-104.929438	N
PH27	1/31/2024	4	1.6	NS	NO	40.268056	-104.929736	N
<b>BACKGROUND SOIL SAMPLES</b>								
NATIVE-BG01@3'	1/24/2024	3	0.9	NS	NO	40.268168	-104.930048	Y
NATIVE-BG01@6'	1/24/2024	6	0.1	NS	NO	40.268168	-104.930048	Y
NATIVE-BG02@3'	1/24/2024	3	1.0	NS	NO	40.268014	-104.930102	Y
NATIVE-BG02@6'	1/24/2024	6	1.0	NS	NO	40.268014	-104.930102	Y
NATIVE-BG03@3'	1/24/2024	3	0.6	NS	NO	40.268086	-104.930176	Y
NATIVE-BG03@6'	1/24/2024	6	0.7	NS	NO	40.268086	-104.930176	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  
FRANK 10-31 WELLHEAD  
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 (PGSSL)			500			0.0026	0.69	0.78	9.9	0.0081	0.0087	0.0038
WELLHEAD EXCAVATION SAMPLES												
WH01-RISER@3'	1/24/2024	3	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
B01@6'	1/24/2024	6	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
FLOWLINE POTHOLE SAMPLES												
FL01@3'	1/30/2024	3	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002

**Notes:**

ECMC - Energy and Carbon Management Commission

PGSSL - 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 and background

TABLE 2-2  
SOIL SAMPLE ANALYTICAL RESULTS  
SOIL SUITABILITY FOR RECLAMATION  
FRANK 10-31 WELLHEAD  
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			0.959	3.6	8.61	1.55
<b>WELLHEAD EXCAVATION SAMPLES</b>						
<b>WH01-RISER@3'</b>	1/24/2024	3	0.739	0.311	8.39*	0.572
<b>B01@6'</b>	1/24/2024	6	0.409	0.348	8.30	0.399
<b>FLOWLINE POTHOLE SAMPLES</b>						
<b>FL01@3'</b>	1/30/2024	3	0.55	0.907	8.51*	0.443
<b>BACKGROUND SAMPLES</b>						
<b>Native-BG01@3'</b>	1/24/2024	3	0.453	1.47	8.41	0.768
<b>Native-BG01@6'</b>	1/24/2024	6	0.796	3.60	8.47	0.446
<b>Native-BG02@3'</b>	1/24/2024	3	0.538	0.824	8.39	0.432
<b>Native-BG02@6'</b>	1/24/2024	6	0.629	1.97	8.49	1.51
<b>Native-BG03@3'</b>	1/24/2024	3	0.723	1.63	8.61	1.15
<b>Native-BG03@6'</b>	1/24/2024	6	0.96	2.33	8.50	1.55

**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