

**TABLE 1  
SOIL SAMPLE FIELD DATA SUMMARY TABLE  
FRENCH, FRAHM 9&16-34 O SA 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)
<b>ABOVEGROUND STORAGE TANK SAMPLES</b>								
Drain	1/30/2025	0.5	3.6	NS	NO	40.264098	-104.760035	N
Footprint	1/30/2025	0.5	1.6	NS	NO	40.264084	-104.760033	N
AST01@1.5'	1/30/2025	1.5	4.6	STAIN	NO	40.264068	-104.760028	Y
<b>PRODUCED WATER VESSEL SAMPLES</b>								
PWV-B01@4'	1/30/2025	4	969.1	STAIN	ODOR	40.264112	-104.759974	Y
N-Wall	1/30/2025	3	0.5	NS	NO	40.264131	-104.759987	N
E-Wall	1/30/2025	3	0.8	NS	NO	40.264128	-104.759926	N
PWV-S01@3'	1/30/2025	3	1.3	NS	NO	40.264082	-104.759966	Y
W-Wall	1/30/2025	3	1.1	NS	NO	40.264096	-104.759997	N
PWV-B01@7'	5/14/2025	7	4.7	STAIN	NO	40.264114	-104.759965	Y
PWV-N01@4'	5/14/2025	4	143.7	STAIN	ODOR	40.264124	-104.759972	Y
PWV-E01@4'	5/14/2025	4	7.2	NS	NO	40.264119	-104.759954	Y
PWV-S01@4'	5/14/2025	4	635.2	STAIN	ODOR	40.264103	-104.759956	Y
PWV-W01@4'	5/14/2025	4	25.0	STAIN	ODOR	40.264108	-104.759977	Y
<b>SEPARATOR SAMPLES</b>								
SEP-INLET@4'	1/30/2025	4	0.1	NS	NO	40.264152	-104.759600	Y
SEP-OUTLET@4'	1/30/2025	4	0.1	NS	NO	40.264135	-104.759653	Y
<b>MISCELLANEOUS SAMPLES</b>								
DL01	1/30/2025	5	0.1	NS	NO	40.264146	-104.759707	N
DL02	1/30/2025	4	35.4	NS	NO	40.264144	-104.759968	N
DL03	1/30/2025	3	3.1	NS	NO	40.264085	-104.759925	N
FL01@3'	1/30/2025	3	79.1	STAIN	ODOR	40.264076	-104.759991	Y
DL05	1/30/2025	3	6.2	STAIN	NO	40.264047	-104.760021	N
ECD	1/30/2025	0.5	0.4	NS	NO	40.264214	-104.759702	N
<b>MISCELLANEOUS SAMPLES</b>								
MH	1/30/2025	0.5	0.2	NS	NO	40.264227	-104.759562	N
<b>BACKGROUND SOIL SAMPLES</b>								
NATIVE-BG01@3'	2/6/2025	3	0.5	NS	NO	40.263985	-104.760335	Y
NATIVE-BG01@6'	2/6/2025	6	0.3	NS	NO	40.263985	-104.760335	Y
NATIVE-BG02@3'	2/6/2025	3	0.2	NS	NO	40.264330	-104.759755	Y
NATIVE-BG02@6'	2/6/2025	6	0.0	NS	NO	40.264330	-104.759755	Y
NATIVE-BG03@3'	2/6/2025	3	0.2	NS	NO	40.264344	-104.759445	Y
NATIVE-BG03@6'	2/6/2025	6	0.5	NS	NO	40.264344	-104.759445	Y
NATIVE-BG04@3'	2/6/2025	3	0.4	NS	NO	40.264078	-104.759337	Y
NATIVE-BG04@6'	2/6/2025	6	1.0	NS	NO	40.264078	-104.759337	Y
NATIVE-BG05@2'	5/13/2025	2	7.6	NS	NO	40.264109	-104.760513	Y

**TABLE 1**  
**SOIL SAMPLE FIELD DATA SUMMARY TABLE**  
**FRENCH, FRAHM 9&16-34 O SA 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)
<b>BACKGROUND SOIL SAMPLES</b>								
NATIVE-BG05@4'	5/13/2025	4	3.7	NS	NO	40.264109	-104.760513	Y
NATIVE-BG06@2'	5/13/2025	2	2.6	NS	NO	40.264219	-104.760627	Y
NATIVE-BG06@4'	5/13/2025	4	2.6	NS	NO	40.264219	-104.760627	Y
NATIVE-BG07@2'	5/13/2025	2	1.3	NS	NO	40.264302	-104.760708	Y
NATIVE-BG07@4'	5/13/2025	4	2.3	NS	NO	40.264302	-104.760708	Y
NATIVE-BG08@2'	5/13/2025	2	2.6	NS	NO	40.264078	-104.759244	Y
NATIVE-BG08@4'	5/13/2025	4	2.3	NS	NO	40.264078	-104.759244	Y
NATIVE-BG09@2'	5/13/2025	2	5.1	NS	NO	40.264121	-104.759106	Y
NATIVE-BG09@4'	5/13/2025	4	0.8	NS	NO	40.264121	-104.759106	Y
NATIVE-BG10@2'	5/13/2025	2	2.8	NS	NO	40.264176	-104.759139	Y
NATIVE-BG10@4'	5/13/2025	4	1.5	NS	NO	40.264176	-104.759139	Y
NATIVE-BG11@2'	5/13/2025	2	2.7	NS	NO	40.264429	-104.759458	Y
NATIVE-BG11@4'	5/13/2025	4	1.5	NS	NO	40.264429	-104.759458	Y
NATIVE-BG12@2'	5/13/2025	2	2.7	NS	NO	40.264475	-104.759524	Y
NATIVE-BG12@4'	5/13/2025	4	0.8	NS	NO	40.264475	-104.759524	Y
NATIVE-BG13@2'	5/13/2025	2	3.8	NS	NO	40.264413	-104.759676	Y
NATIVE-BG13@4'	5/13/2025	4	0.4	NS	NO	40.264413	-104.759676	Y
Native-BG01@3' (Rem No. 27571)	4/18/2023	3	0.0	NS	NO	40.26540271	-104.7587213	Y
Native-BG01@6' (Rem No. 27571)	4/18/2023	6	0.0	NS	NO	40.26540271	-104.7587213	Y
Native-BG02@3' (Rem No. 27571)	4/18/2023	3	0.0	NS	NO	40.26533441	-104.7586474	Y
Native-BG02@6' (Rem No. 27571)	4/18/2023	6	0.0	NS	NO	40.26533441	-104.7586474	Y
Native-BG03@3' (Rem No. 27571)	4/18/2023	3	0.0	NS	NO	40.26523921	-104.7587184	Y
Native-BG03@6' (Rem No. 27571)	4/18/2023	6	0.0	NS	NO	40.26523921	-104.7587184	Y
NATIVE-BG05@3' (Rem No. 25094)	1/28/2025	3	0.4	NS	NO	40.26774100	-104.7581740	Y
NATIVE-BG05@6' (Rem No. 25094)	1/28/2025	6	0.6	NS	NO	40.26774100	-104.7581740	Y
NATIVE-BG06@3' (Rem No. 25094)	1/28/2025	3	0.3	NS	NO	40.26786400	-104.7584380	Y
NATIVE-BG06@6' (Rem No. 25094)	1/28/2025	6	0.7	NS	NO	40.26786400	-104.7584380	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  
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 2-1**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
**VOLATILE ORGANIC COMPOUNDS AND TOTAL PETROLEUM HYDROCARBONS**  
**FRENCH, FRAHM 9&16-34 O SA 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
<b>ABOVEGROUND STORAGE TANK SAMPLES</b>												
AST01@1.5'	1/30/2025	1.5	0.363	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00380
<b>PRODUCED WATER VESSEL SAMPLES</b>												
PWV-B01@4'	1/30/2025	4	54.9	<25.0	<100	<0.00200	0.00246	0.0241	0.00514	<b>0.407</b>	<0.00200	<b>0.00759</b>
PWV-S01@3'	1/30/2025	3	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00380
PWV-B01@7'	5/14/2025	7	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
PWV-N01@4'	5/14/2025	4	0.939	31.4	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
PWV-E01@4'	5/14/2025	4	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
PWV-S01@4'	5/14/2025	4	11.9	35.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	0.00302	<0.00200	<b>0.019</b>
PWV-W01@4'	5/14/2025	4	0.600	<25.0	<100	<0.00200	<0.00200	0.00292	<0.00200	<b>0.0318</b>	<b>0.0106</b>	<b>0.017</b>
<b>SEPARATOR SAMPLES</b>												
SEP-INLET@4'	1/30/2025	4	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00380
SEP-OUTLET@4'	1/30/2025	4	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00380
<b>FLOWLINE POTHOLE SAMPLES</b>												
FL01@3'	1/30/2025	3	1.33	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00380

**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  
FRENCH, FRAHM 9&16-34 O SA 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
<b>ABOVEGROUND STORAGE TANK SAMPLES</b>																
<b>AST01@1.5'</b>	1/30/2025	1.5	<0.0833	<0.0833	<0.0110	<0.0833	<0.0833	<0.0833	<0.0833	<0.0833	<0.0833	<0.0833	<0.0833	<0.00600	<0.0150	<0.0833
<b>PRODUCED WATER VESSEL SAMPLES</b>																
<b>PWV-B01@4'</b>	1/30/2025	4	<0.0833	<0.0833	<0.0110	<0.0833	<0.0833	<0.0833	<0.0833	<0.0833	<0.0833	<0.0833	<0.0833	<b>0.0131</b>	<b>0.0316</b>	<0.0833
<b>PWV-S01@3'</b>	1/30/2025	3	<0.0833	<0.0833	<0.0110	<0.0833	<0.0833	<0.0833	<0.0833	<0.0833	<0.0833	<0.0833	<0.0833	<0.00600	<0.0150	<0.0833
<b>PWV-B01@7'</b>	5/14/2025	7	<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
<b>PWV-N01@4'</b>	5/14/2025	4	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.005	0.012	<0.020
<b>PWV-E01@4'</b>	5/14/2025	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	0.003	<0.020
<b>PWV-S01@4'</b>	5/14/2025	4	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<b>0.048</b>	<b>0.095</b>	<0.020
<b>PWV-W01@4'</b>	5/14/2025	4	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<b>0.009</b>	<b>0.022</b>	<0.020
<b>SEPARATOR SAMPLES</b>																
<b>SEP-INLET@4'</b>	1/30/2025	4	<0.0833	<0.0833	<0.0110	<0.0833	<0.0833	<0.0833	<0.0833	<0.0833	<0.0833	<0.0833	<0.0833	<0.00600	<0.0150	<0.0833
<b>SEP-OUTLET@4'</b>	1/30/2025	4	<0.0833	<0.0833	<0.0110	<0.0833	<0.0833	<0.0833	<0.0833	<0.0833	<0.0833	<0.0833	<0.0833	<0.00600	<0.0150	<0.0833
<b>FLOWLINE POTHOLE SAMPLES</b>																
<b>FL01@3'</b>	1/30/2025	3	<0.0833	<0.0833	<0.0110	<0.0833	<0.0833	<0.0833	<0.0833	<0.0833	<0.0833	<0.0833	<0.0833	<0.00600	<0.0150	<0.0833

**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  
FRENCH, FRAHM 9&16-34 O SA 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 (2'-6')			1.93	11.0	8.64	0.966
<b>ABOVEGROUND STORAGE TANK SAMPLES</b>						
AST01@1.5'	1/30/2025	1.5	0.764	2.58	8.36*	0.541
<b>PRODUCED WATER VESSEL SAMPLES</b>						
PWV-B01@4'	1/30/2025	4	0.455	0.306	8.37*	0.131
PWV-S01@3'	1/30/2025	3	0.380	0.338	8.26	0.282
PWV-B01@7'	5/14/2025	7	0.377	2.22	7.96	<0.102
PWV-N01@4'	5/14/2025	4	0.498	0.820	8.02	0.181
PWV-E01@4'	5/14/2025	4	1.00	0.256	7.97	0.289
PWV-S01@4'	5/14/2025	4	0.610	0.355	7.63	0.110
PWV-W01@4'	5/14/2025	3	0.505	0.624	7.98	0.261
<b>SEPARATOR SAMPLES</b>						
SEP-INLET@4'	1/30/2025	4	0.474	1.13	8.34*	<0.985
SEP-OUTLET@4'	1/30/2025	4	0.528	1.37	8.39*	0.405
<b>FLOWLINE POTHOLE SAMPLES</b>						
FL01@3'	1/30/2025	3	1.29	2.35	8.23	0.393
<b>BACKGROUND SOIL SAMPLES</b>						
NATIVE-BG01@3'	2/6/2025	3	0.246	2.83	7.39	0.165
NATIVE-BG01@6'	2/6/2025	6	0.496	1.79	8.29	<0.0989
NATIVE-BG02@3'	2/6/2025	3	0.326	2.39	8.07	0.236
NATIVE-BG02@6'	2/6/2025	6	0.433	2.07	8.23	0.176
NATIVE-BG03@3'	2/6/2025	3	0.304	2.72	8.35	0.279
NATIVE-BG03@6'	2/6/2025	6	0.453	1.94	8.36	0.111
NATIVE-BG04@3'	2/6/2025	3	0.414	2.50	7.67	<0.100
NATIVE-BG04@6'	2/6/2025	6	0.311	2.50	7.69	0.127
NATIVE-BG05@2'	5/13/2025	2	0.372	2.27	8.03	0.117
NATIVE-BG05@4'	5/13/2025	4	0.431	2.15	7.97	0.157
NATIVE-BG06@2'	5/13/2025	2	0.323	2.19	7.72	0.174
NATIVE-BG06@4'	5/13/2025	4	0.442	2.31	8.18	0.267
NATIVE-BG07@2'	5/13/2025	2	0.301	2.61	7.66	0.221
NATIVE-BG07@4'	5/13/2025	4	0.392	2.14	7.84	0.133
NATIVE-BG08@2'	5/13/2025	2	0.530	3.16	7.96	<0.100
NATIVE-BG08@4'	5/13/2025	4	0.308	2.37	7.66	0.106
NATIVE-BG09@2'	5/13/2025	2	1.43	8.58	8.43	0.452
NATIVE-BG09@4'	5/13/2025	4	0.373	2.22	8.06	0.244
NATIVE-BG10@2'	5/13/2025	2	1.42	3.97	7.97	0.179
NATIVE-BG10@4'	5/13/2025	4	0.752	3.22	8.15	0.318

**TABLE 2-3  
SOIL SAMPLE ANALYTICAL RESULTS  
SOIL SUITABILITY FOR RECLAMATION  
FRENCH, FRAHM 9&16-34 O SA 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 (2'-6')			1.93	11.0	8.64	0.966
<b>BACKGROUND SOIL SAMPLES</b>						
<b>NATIVE-BG11@2'</b>	5/13/2025	2	0.973	1.76	7.73	0.289
<b>NATIVE-BG11@4'</b>	5/13/2025	4	0.490	2.64	8.22	0.450
<b>NATIVE-BG12@2'</b>	5/13/2025	2	0.826	1.60	7.80	0.461
<b>NATIVE-BG12@4'</b>	5/13/2025	4	0.565	2.45	8.26	0.336
<b>NATIVE-BG13@2'</b>	5/13/2025	2	0.867	1.68	7.91	0.400
<b>NATIVE-BG13@4'</b>	5/13/2025	4	0.414	2.16	8.36	0.247
<b>Native-BG01@3' (Rem No. 27571)</b>	4/18/2023	3	1.20	8.19	8.64	0.966
<b>Native-BG01@6' (Rem No. 27571)</b>	4/18/2023	6	1.05	4.07	8.53	0.295
<b>Native-BG02@3' (Rem No. 27571)</b>	4/18/2023	3	0.696	3.02	8.48	0.303
<b>Native-BG02@6' (Rem No. 27571)</b>	4/18/2023	6	0.552	2.98	8.43	0.223
<b>Native-BG03@3' (Rem No. 27571)</b>	4/18/2023	3	0.988	11.0	8.61	0.699
<b>Native-BG03@6' (Rem No. 27571)</b>	4/18/2023	6	1.93	7.90	8.36	0.171
<b>NATIVE-BG05@3' (Rem No. 25094)</b>	1/28/2025	3	0.894	8.69	8.53	0.773
<b>NATIVE-BG05@6' (Rem No. 25094)</b>	1/28/2025	6	1.00	6.71	8.47	0.691
<b>NATIVE-BG06@3' (Rem No. 25094)</b>	1/28/2025	3	0.934	5.07	8.45	0.241
<b>NATIVE-BG06@6' (Rem No. 25094)</b>	1/28/2025	6	0.785	6.12	8.30	0.368

**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.

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.

Shaded Rows are Samples that have been over excavated

ft - feet

bgs - below ground surface

mmhos/cm - millimhos per centimeter

mg/L - milligrams per liter

**TABLE 2-4  
SOIL SAMPLE ANALYTICAL RESULTS  
METALS  
FRENCH, FRAHM 9&16-34 O SA 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 (2'-6')			5.54	127	0.188	NA	NA	9.03	9.64	0.146	NA	50.3
<b>ABOVEGROUND STORAGE TANK SAMPLES</b>												
AST01@1.5'	1/30/2025	1.5	1.54*	54.4	0.0921	<0.20	<8.77	5.83	4.48	<0.228	<0.0877	<32.4
<b>PRODUCED WATER VESSEL SAMPLES</b>												
PWV-B01@4'	1/30/2025	4	1.82*	36.6	0.111	<0.20	<9.28	5.41	4.57	<0.241	<0.0928	<34.3
PWV-S01@3'	1/30/2025	3	2.23*	82.0	0.168	<0.19	11.6	10.7	6.75	<0.236	<0.0906	39.6
PWV-B01@7'	5/14/2025	7	1.07*	<72.1	<0.334	<0.249	<40.4	<12.3	<22.9	<0.229	<0.703	<325
PWV-N01@4'	5/14/2025	4	2.71*	<72.4	<0.335	<0.367	<40.6	<12.4	<22.9	0.241	<0.706	<327
PWV-E01@4'	5/14/2025	4	1.72*	<77.3	<0.358	<0.359	<43.4	<13.2	<24.5	<0.245	<0.754	<349
PWV-S01@4'	5/14/2025	4	1.64*	<77.8	<0.361	<0.339	<43.7	<13.3	<24.7	<0.247	<0.759	<351
PWV-W01@4'	5/14/2025	4	1.90*	<76.1	<0.353	<0.349	<42.7	<13.0	<24.1	<0.241	<0.743	<343
<b>SEPARATOR SAMPLES</b>												
SEP-INLET@4'	1/30/2025	4	1.36*	39.4	<0.0922	<0.20	<9.22	6.74	3.91	<0.240	<0.0922	<34.1
SEP-OUTLET@4'	1/30/2025	4	2.35*	62.8	<0.0909	<0.20	<9.09	8.98	5.98	<0.236	<0.0909	33.9
<b>FLOWLINE POTHOLE SAMPLES</b>												
FL01@3'	1/30/2025	3	2.33*	60.4	0.102	<0.20	<9.25	6.77	5.55	<0.241	<0.0925	<34.2
<b>BACKGROUND SOIL SAMPLES</b>												
NATIVE-BG01@3'	2/6/2025	3	3.93	127	0.119	<0.20	<9.43	9.03	9.64	<0.245	<0.0943	50.3
NATIVE-BG01@6'	2/6/2025	6	2.37	126	0.0983	<0.20	<9.83	6.00	4.18	<0.256	<0.0983	<36.4
NATIVE-BG02@3'	2/6/2025	3	2.63	79.5	<0.0951	<0.20	<9.51	6.12	6.83	<0.247	<0.0951	<35.2
NATIVE-BG02@6'	2/6/2025	6	2.22	73.8	<0.0971	<0.20	<9.71	3.99	4.64	<0.253	<0.0971	<35.9
NATIVE-BG03@3'	2/6/2025	3	2.21	78.2	0.111	<0.19	<9.95	5.95	7.17	<0.259	<0.0995	<36.8
NATIVE-BG03@6'	2/6/2025	6	3.09	85.7	0.107	<0.20	<9.18	4.80	6.46	<0.239	<0.0918	<34.0
NATIVE-BG04@3'	2/6/2025	3	1.67	48.5	<0.0968	<0.21	<9.68	4.32	3.43	<0.252	<0.0968	<35.8
NATIVE-BG04@6'	2/6/2025	6	3.02	80.2	0.0958	<0.20	<9.58	6.40	7.40	<0.249	<0.0958	<35.4
NATIVE-BG05@2'	5/13/2025	2	1.33	<74.8	<0.347	<0.30	<42.0	<12.8	<23.7	<0.237	<0.730	<337
NATIVE-BG05@4'	5/13/2025	4	2.04	78.8	<0.360	NA	<43.6	<13.3	<24.7	<0.247	<0.759	<351
NATIVE-BG06@2'	5/13/2025	2	1.61	<68.7	<0.318	<0.30	<38.6	<11.7	<21.8	<0.218	<0.670	<310
NATIVE-BG06@4'	5/13/2025	4	5.54	96.2	<0.353	NA	<42.7	<13.0	<24.1	<0.241	<0.743	<344
NATIVE-BG07@2'	5/13/2025	2	1.63	78.2	<0.345	<0.29	<41.7	<12.7	<23.6	<0.236	<0.726	<336
NATIVE-BG07@4'	5/13/2025	4	1.56	<79.1	<0.366	NA	<44.4	<13.5	<25.1	<0.251	<0.771	<357
NATIVE-BG08@2'	5/13/2025	2	1.11	<70.5	<0.327	<0.29	<39.6	<12.0	<22.4	<0.224	<0.688	<318
NATIVE-BG08@4'	5/13/2025	4	1.34	<75.4	<0.349	<0.30	<42.3	<12.9	<23.9	<0.239	<0.736	<340
NATIVE-BG09@2'	5/13/2025	2	1.38	<73.2	<0.339	<0.29	<41.1	<12.5	<23.2	<0.232	<0.714	<330
NATIVE-BG09@4'	5/13/2025	4	2.30	<80.2	<0.372	<0.30	<45.0	<13.7	<25.4	<0.254	<0.782	<362

**TABLE 2-4**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
**METALS**  
**FRENCH, FRAHM 9&16-34 O SA 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 (2'-6')			5.54	127	0.188	NA	NA	9.03	9.64	0.146	NA	50.3
<b>BACKGROUND SOIL SAMPLES</b>												
<b>NATIVE-BG10@2'</b>	5/13/2025	2	1.54	<77.2	<0.358	<0.29	<43.3	<13.2	<24.5	<0.245	<0.753	<348
<b>NATIVE-BG10@4'</b>	5/13/2025	4	1.62	<72.7	<0.337	NA	<40.8	<12.4	<23.0	<0.230	<0.709	<328
<b>NATIVE-BG11@2'</b>	5/13/2025	2	1.70	<76.6	<0.355	<0.29	<43.0	<13.1	<24.3	<0.243	<0.747	<345
<b>NATIVE-BG11@4'</b>	5/13/2025	4	1.84	<71.3	<0.331	<0.29	<40.0	<12.2	<22.6	<0.226	<0.696	<322
<b>NATIVE-BG12@2'</b>	5/13/2025	2	1.64	<71.4	<0.331	NA	<40.0	<12.2	<22.6	<0.226	<0.697	<322
<b>NATIVE-BG12@4'</b>	5/13/2025	4	2.41	<75.2	<0.348	<0.29	<42.2	<12.8	<23.8	<0.238	<0.733	<339
<b>NATIVE-BG13@2'</b>	5/13/2025	2	2.92	<73.4	<0.340	<0.30	<41.2	<12.5	<23.3	<0.233	<0.716	<331
<b>NATIVE-BG13@4'</b>	5/13/2025	4	2.18	96.9	<0.366	NA	<44.3	<13.5	<25.0	<0.250	<0.770	<356
<b>Native-BG01@3' (Rem No. 27571)</b>	4/18/2023	3	2.10	50.2	0.0964	<0.503	<9.09	<9.09	<9.09	<0.0909	<0.0909	<90.9
<b>Native-BG01@6' (Rem No. 27571)</b>	4/18/2023	6	3.10	71.5	<0.0943	<0.509	<9.43	<9.43	<9.43	0.130	<0.0943	<94.3
<b>Native-BG02@3' (Rem No. 27571)</b>	4/18/2023	3	1.81	39.7	0.130	<0.5	<9.25	<9.25	<9.25	0.102	<0.0925	<92.5
<b>Native-BG02@6' (Rem No. 27571)</b>	4/18/2023	6	2.53	75.6	<0.0940	<0.512	<9.40	<9.40	<9.40	0.146	<0.0940	<94.0
<b>Native-BG03@3' (Rem No. 27571)</b>	4/18/2023	3	2.31	54.5	0.111	<1	<9.35	<9.35	<9.35	0.0973	<0.0935	<93.5
<b>Native-BG03@6' (Rem No. 27571)</b>	4/18/2023	6	3.83	74.2	0.0990	<0.511	<9.00	<9.00	<9.00	<0.0900	<0.0900	<90.0
<b>NATIVE-BG05@3' (Rem No. 25094)</b>	1/28/2025	3	2.18	42.9	0.0885	<0.20	<8.68	4.43	4.47	<0.226	<0.0868	<32.1
<b>NATIVE-BG05@6' (Rem No. 25094)</b>	1/28/2025	6	1.88	44.8	<0.0838	<0.20	<8.38	4.16	3.91	<0.218	<0.0838	<31.0
<b>NATIVE-BG06@3' (Rem No. 25094)</b>	1/28/2025	3	1.56	33.8	0.109	<0.20	<9.25	5.77	2.77	<0.240	<0.0925	<34.2
<b>NATIVE-BG06@6' (Rem No. 25094)</b>	1/28/2025	6	1.90	65.7	0.188	<0.19	<9.33	4.47	4.85	<0.243	<0.0933	<34.5

**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

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

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

Shaded Rows are Samples that have been over excavated

**TABLE 3**  
**GROUNDWATER ANALYTICAL RESULTS**  
**FRENCH, FRAHM 9&16-34 O SA 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)
<b>ECMC Allowable Levels</b>		<b>5</b>	<b>560</b>	<b>700</b>	<b>1400</b>	<b>140</b>	<b>67</b>	<b>67</b>	<b>NA</b>	<b>250,000</b>	<b>250,000</b>	
PWV-GW01@6'	5/14/2025	<b>8.27</b>	1.68	2.08	408	<2.00	150	164	888,000	137,000	234,000	6.0

Notes: ECMC - Energy and Carbon Management Commission  
ft bgs - feet below ground surface  
NA - not analyzed/not available  
**BOLD** = Analytical result is in exceedance of ECMC Table 915-1 groundwater standards.

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