

**TABLE 1**  
**SOIL SAMPLE FIELD DATA SUMMARY TABLE**  
**JOKER 1N1 1N2 1N3 26N1-9HZ 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>SEPARATOR SAMPLES</b>								
Sep01-INLET@0.5'	6/9/2025	0.5	2.5	NS	NO	40.061007	-104.664473	Y
Sep01-OUTLET@0.5'	6/9/2025	0.5	2.4	NS	NO	40.061083	-104.664449	Y
Sep02-INLET@0.5'	6/9/2025	0.5	5.0	NS	NO	40.061016	-104.664520	Y
Sep02-OUTLET@0.5'	6/9/2025	0.5	54.8	NS	NO	40.061085	-104.664526	Y
Sep03-INLET@0.5'	6/9/2025	0.5	3.7	NS	NO	40.061011	-104.664594	Y
Sep03-OUTLET@0.5'	6/9/2025	0.5	3.9	NS	NO	40.061084	-104.664598	Y
Sep04-INLET@0.5'	6/9/2025	0.5	2.7	NS	NO	40.061023	-104.664665	Y
Sep04-INLET@0.5'-V	6/9/2025	0.5	2.7	NS	NO	40.061023	-104.664665	Y
Sep04-OUTLET@0.5'	6/9/2025	0.5	16.8	NS	NO	40.061082	-104.664669	Y
Sep05-INLET@0.5'	6/9/2025	0.5	2.7	NS	NO	40.061170	-104.664806	Y
Sep05-OUTLET@0.5'	6/9/2025	0.5	2.6	NS	NO	40.061179	-104.664713	Y
Sep05-OUTLET@0.5'-V	6/9/2025	0.5	2.6	NS	NO	40.061179	-104.664713	Y
Sep06-INLET@0.5'	6/9/2025	0.5	3.0	NS	NO	40.061228	-104.664810	Y
Sep06-OUTLET@0.5'	6/9/2025	0.5	3.1	NS	NO	40.061228	-104.664723	Y
Sep06-OUTLET@0.5'-V	6/9/2025	0.5	3.1	NS	NO	40.061228	-104.664723	Y
<b>BACKGROUND SOIL SAMPLES</b>								
Native-BG01@0.5'	6/9/2025	0.5	0.8	NS	NO	40.061979	-104.664843	Y
Native-BG02@0.5'	6/9/2025	0.5	1.8	NS	NO	40.061952	-104.664122	Y
Native-BG03@0.5'	6/9/2025	0.5	1.1	NS	NO	40.061694	-104.664069	Y
Native-BG04@0.5'	6/9/2025	0.5	1.9	NS	NO	40.061488	-104.664025	Y
NATIVE-BG01@3' (Rem No. 36198)	12/3/2024	3	1.1	NS	NO	40.061949	-104.665652	Y
NATIVE-BG02@3' (Rem No. 36198)	12/3/2024	3	0.1	NS	NO	40.061994	-104.664599	Y
NATIVE-BG03@3' (Rem No. 36198)	12/3/2024	3	0.6	NS	NO	40.061318	-104.664185	Y
NATIVE-BG04@3' (Rem No. 36198)	12/3/2024	3	0.9	NS	NO	40.060487	-104.664142	Y
NATIVE-BG05@3' (Rem No. 36198)	12/3/2024	3	0.9	NS	NO	40.060001	-104.664806	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

Verification sample results have been omitted from the summary table due to updated ECOM 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**  
**JOKER 1N1 1N2 1N3 26N1-9HZ 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
<b>SEPARATOR SAMPLES</b>												
Sep01-INLET@0.5'	6/9/2025	0.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
Sep01-OUTLET@0.5'	6/9/2025	0.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
Sep02-INLET@0.5'	6/9/2025	0.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
Sep02-OUTLET@0.5'	6/9/2025	0.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
Sep03-INLET@0.5'	6/9/2025	0.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
Sep03-OUTLET@0.5'	6/9/2025	0.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
Sep04-INLET@0.5'	6/9/2025	0.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
Sep04-OUTLET@0.5'	6/9/2025	0.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
Sep05-INLET@0.5'	6/9/2025	0.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
Sep05-OUTLET@0.5'	6/9/2025	0.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
Sep06-INLET@0.5'	6/9/2025	0.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
Sep06-OUTLET@0.5'	6/9/2025	0.5	<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  
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

**TABLE 2-2**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
**POLYCYCLIC AROMATIC HYDROCARBONS**  
**JOKER 1N1 1N2 1N3 26N1-9HZ 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>SEPARATOR SAMPLES</b>																
<b>Sep01-INLET@0.5'</b>	6/9/2025	0.5	<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
<b>Sep01-OUTLET@0.5'</b>	6/9/2025	0.5	<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
<b>Sep02-INLET@0.5'</b>	6/9/2025	0.5	<0.020	<0.020	<0.005	<0.020	<0.020	0.021	<0.020	<0.020	<0.020	<0.020	0.037	<0.002	<0.002	<0.020
<b>Sep02-OUTLET@0.5'</b>	6/9/2025	0.5	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<b>0.010</b>	0.013	<0.020
<b>Sep03-INLET@0.5'</b>	6/9/2025	0.5	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.048	<0.002	<0.002	<0.020
<b>Sep03-OUTLET@0.5'</b>	6/9/2025	0.5	<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
<b>Sep04-INLET@0.5'</b>	6/9/2025	0.5	<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
<b>Sep04-OUTLET@0.5'</b>	6/9/2025	0.5	<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
<b>Sep05-INLET@0.5'</b>	6/9/2025	0.5	<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
<b>Sep05-OUTLET@0.5'</b>	6/9/2025	0.5	<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
<b>Sep06-INLET@0.5'</b>	6/9/2025	0.5	<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
<b>Sep06-OUTLET@0.5'</b>	6/9/2025	0.5	<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

**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.

**TABLE 2-3  
SOIL SAMPLE ANALYTICAL RESULTS  
SOIL SUITABILITY FOR RECLAMATION  
JOKER 1N1 1N2 1N3 26N1-9HZ 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			9.64	5.03	8.42	1.39
<b>SEPARATOR SAMPLES</b>						
Sep01-INLET@0.5'	6/9/2025	0.5	0.223	0.406	8.33*	0.365
Sep01-OUTLET@0.5'	6/9/2025	0.5	1.73	0.113	7.95	0.209
Sep02-INLET@0.5'	6/9/2025	0.5	0.270	0.110	8.19	0.105
Sep02-OUTLET@0.5'	6/9/2025	0.5	0.252	0.0824	8.16	0.188
Sep03-INLET@0.5'	6/9/2025	0.5	0.363	0.182	8.19	0.328
Sep03-OUTLET@0.5'	6/9/2025	0.5	0.294	0.896	8.18	<0.101
Sep04-INLET@0.5'	6/9/2025	0.5	0.123	0.0594	8.34*	0.132
Sep04-INLET@0.5'-V	6/9/2025	0.5	NA	NA	<b>8.43</b>	NA
Sep04-OUTLET@0.5'	6/9/2025	0.5	5.49*	4.32	7.97	1.17
Sep05-INLET@0.5'	6/9/2025	0.5	0.633	0.165	8.12	0.108
Sep05-OUTLET@0.5'	6/9/2025	0.5	<b>10.1</b>	<b>9.91</b>	7.86	0.579
Sep05-OUTLET@0.5'-V	6/9/2025	0.5	<b>12.4</b>	<b>9.91</b>	7.80	NA
Sep06-INLET@0.5'	6/9/2025	0.5	0.177	0.132	8.25	0.111
Sep06-OUTLET@0.5'	6/9/2025	0.5	0.472	4.35	<b>8.51</b>	1.36
Sep06-OUTLET@0.5'-V	6/9/2025	0.5	NA	NA	8.21	NA
<b>BACKGROUND SAMPLES</b>						
Native-BG01@0.5'	6/9/2025	0.5	0.372	0.129	8.07	0.561
Native-BG02@0.5'	6/9/2025	0.5	0.417	0.0608	8.23	0.651
Native-BG03@0.5'	6/9/2025	0.5	0.506	0.433	8.32	0.698
Native-BG04@0.5'	6/9/2025	0.5	9.64	2.34	7.27	1.39
NATIVE-BG01@3' (Rem No. 36198)	12/3/2024	3	0.306	0.937	8.42	0.207
NATIVE-BG02@3' (Rem No. 36198)	12/3/2024	3	1.09	2.99	8.17	0.400
NATIVE-BG03@3' (Rem No. 36198)	12/3/2024	3	2.18	5.03	8.15	0.442
NATIVE-BG04@3' (Rem No. 36198)	12/3/2024	3	1.53	4.53	8.29	0.629
NATIVE-BG05@3' (Rem No. 36198)	12/3/2024	3	2.02	2.99	7.93	0.482

**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.

ft - feet

bgs - below ground surface

mmhos/cm - millimhos per centimeter

mg/L - milligrams per liter

**TABLE 2-4**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
**METALS**  
**JOKER 1N1 1N2 1N3 26N1-9HZ 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^			9.34	695	0.295	NA	21.6	18.6	20.8	0.521	0.171	75.3
<b>SEPARATOR SAMPLES</b>												
Sep01-INLET@0.5'	6/9/2025	0.5	4.46*	141*	<0.349	<0.5	<42.2	<12.8	<23.9	0.262*	<0.734	<340
Sep01-OUTLET@0.5'	6/9/2025	0.5	2.40*	<79.4	<0.368	<0.5	<44.6	<13.6	<25.2	<0.252	<0.775	<358
Sep02-INLET@0.5'	6/9/2025	0.5	4.80*	<69.5	<0.322	<0.5	<39.0	15.0*	<22.0	0.302*	<0.678	<314
Sep02-OUTLET@0.5'	6/9/2025	0.5	2.74*	<69.7	<0.323	<0.5	<39.1	<11.9	<22.1	<0.221	<0.680	<314
Sep03-INLET@0.5'	6/9/2025	0.5	5.12*	126*	<0.330	<0.5	<39.9	<12.1	<22.5	0.263*	<0.694	<321
Sep03-OUTLET@0.5'	6/9/2025	0.5	2.98*	<69.7	<0.323	<0.5	<39.1	<11.9	<22.1	<0.221	<0.680	<314
Sep04-INLET@0.5'	6/9/2025	0.5	<b>17.1</b>	<79.2	<0.367	<0.5	<44.4	14.1*	<25.1	<b>1.48</b>	<0.773	<357
Sep04-INLET@0.5'-V	6/9/2025	0.5	3.46*	NA	NA	NA	NA	NA	NA	0.290*	NA	NA
Sep04-OUTLET@0.5'	6/9/2025	0.5	2.96*	<74.7	<0.346	<0.5	<41.9	<12.8	<23.7	<0.237	<0.729	<337
Sep05-INLET@0.5'	6/9/2025	0.5	3.87*	97.5*	<0.350	<0.5	<42.3	<12.9	<23.9	0.267*	<0.736	<340
Sep05-OUTLET@0.5'	6/9/2025	0.5	2.39*	<76.9	<0.356	<0.5	<43.1	<13.1	<24.4	<0.244	<0.750	<347
Sep06-INLET@0.5'	6/9/2025	0.5	2.22*	<77.2	<0.258	<0.5	<43.3	<13.2	<24.5	<0.245	<0.753	<348
Sep06-OUTLET@0.5'	6/9/2025	0.5	2.68*	79.9	<0.342	<0.5	<41.4	<12.6	<23.4	<0.234	<0.720	<333
<b>BACKGROUND SAMPLES</b>												
Native-BG01@0.5'	6/9/2025	0.5	5.18	161	<0.331	<0.5	<40.0	<12.2	<22.6	0.256	<0.0697	<322
Native-BG02@0.5'	6/9/2025	0.5	5.24	153	<0.327	<0.5	<39.6	<12.1	<22.4	0.335	<0.689	<319
Native-BG03@0.5'	6/9/2025	0.5	5.06	164	<0.353	<0.5	<42.7	<13.0	<24.1	0.305	<0.743	<344
Native-BG04@0.5'	6/9/2025	0.5	7.47	145	<0.348	<0.5	<42.2	14.9	<23.8	0.417	<0.733	<339
NATIVE-BG01@3' (Rem No. 36198)	12/3/2024	3	5.62	160	0.209	<0.347	15.0	12.0	15.2	0.300	<0.0947	54.9
NATIVE-BG02@3' (Rem No. 36198)	12/3/2024	3	5.69	556	0.213	<0.348	17.3	11.6	15.8	<0.233	<0.0896	60.2
NATIVE-BG03@3' (Rem No. 36198)	12/3/2024	3	5.85	162	0.233	<0.368	15.8	12.1	16.6	0.319	<0.0861	56.4
NATIVE-BG04@3' (Rem No. 36198)	12/3/2024	3	5.47	207	0.228	<0.371	16.3	12.3	16.0	<0.233	<0.0898	59.5
NATIVE-BG05@3' (Rem No. 36198)	12/3/2024	3	4.24	172	0.236	<0.345	16.4	13.9	10.5	<0.231	0.137	51.7

**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 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.

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