

**TABLE 1**  
**MILLER 29N 18N 4N-24HZ PRODUCTION FACILITY**  
**SOIL SAMPLE FIELD DATA SUMMARY TABLE**  
**KERR-McGEE OIL AND GAS ONSHORE LP**

Soil Sample Location	Date	Depth (ft. bgs)	PID Reading (ppm)	Visual Observation	Olfactory Observation	Latitude	Longitude	GPS PDOP Value	Submitted for Lab Analysis? (Y/N)
REL-B01@3"	5/6/2024	0.25	542	HC Staining	Slight HC Odor	40.20431948	-104.7262840	1.0	Yes
REL-B02@4'	6/6/2024	4	5.2	No Staining	No Odor	40.20431735	-104.7262749	NA	Yes
REL-N01@3'	6/6/2024	3	1.9	No Staining	No Odor	40.20433317	-104.7262695	NA	Yes
REL-S01@3'	6/6/2024	3	1.6	No Staining	No Odor	40.20430919	-104.7262745	NA	Yes
REL-E01@3'	6/6/2024	3	1.7	No Staining	No Odor	40.20432349	-104.7262629	NA	Yes
REL-W01@3'	6/6/2024	3	2.5	No Staining	No Odor	40.20432172	-104.7262896	NA	Yes
BACKGROUND SOIL SAMPLING									
BG-01@3"	5/6/2024	0.25	2.1	No Staining	No Odor	40.20463575	-104.7258754	NA	Yes
BG-02@3"	5/6/2024	0.25	0.9	No Staining	No Odor	40.20357656	-104.7259558	NA	Yes
BG-03@3"	5/6/2024	0.25	1.2	No Staining	No Odor	40.20399520	-104.7251968	NA	Yes
BG-04@3"	5/6/2024	0.25	2.3	No Staining	No Odor	40.20428029	-104.7265976	NA	Yes
MILLER 23-24 WELLHEAD RECLAMATION BACKGROUND SAMPLING									
REC-BG01@1'	12/8/2022	1	0.1	No Staining	No Odor	40.20932329	-104.7273034	0.9	Yes
REC-BG02@1'	12/8/2022	1	0.2	No Staining	No Odor	40.20911932	-104.7273136	0.9	Yes
REC-BG03@1'	12/8/2022	1	0.0	No Staining	No Odor	40.20924148	-104.7271544	0.9	Yes
REC-BG04@3"	12/8/2022	0.25	0.2	No Staining	No Odor	40.20913255	-104.7277194	1.0	Yes
REC-BG05@6"	2/6/2024	0.5	0.9	No Staining	No Odor	40.20932090	-104.7275495	NA	Yes
REC-BG06@6"	2/6/2024	0.5	0.6	No Staining	No Odor	40.20914287	-104.7275697	NA	Yes
REC-BG07@6"	2/6/2024	0.5	0.6	No Staining	No Odor	40.20930472	-104.7271198	NA	Yes
REC-BG08@6"	2/6/2024	0.5	0.5	No Staining	No Odor	40.20891958	-104.7271244	0.9	Yes
REC-BG09@1'	3/8/2024	1	0.0	No Staining	No Odor	40.20926845	-104.7274886	NA	Yes
REC-BG09@2'	3/8/2024	2	0.1	No Staining	No Odor	40.20926845	-104.7274886	NA	Yes
REC-BG10@1'	3/8/2024	1	0.2	No Staining	No Odor	40.20936677	-104.7274755	1.4	Yes
REC-BG10@2'	3/8/2024	2	0.0	No Staining	No Odor	40.20936677	-104.7274755	1.4	Yes
REC-BG11@1'	3/8/2024	1	0.0	No Staining	No Odor	40.20942241	-104.7272787	1.3	Yes
REC-BG11@2'	3/8/2024	2	0.1	No Staining	No Odor	40.20942241	-104.7272787	1.3	Yes

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Soil Sample Location	Date	Depth (ft. bgs)	PID Reading (ppm)	Visual Observation	Olfactory Observation	Latitude	Longitude	GPS PDOP Value	Submitted for Lab Analysis? (Y/N)
REC-BG12@1'	3/8/2024	1	0.0	No Staining	No Odor	40.20940083	-104.7271354	1.3	Yes
REC-BG12@2'	3/8/2024	2	0.0	No Staining	No Odor	40.20940083	-104.7271354	1.3	Yes
REC-BG13@1'	3/8/2024	1	0.2	No Staining	No Odor	40.20926693	-104.7269901	2.4	Yes
REC-BG13@2'	3/8/2024	2	0.3	No Staining	No Odor	40.20926693	-104.7269901	2.4	Yes

**Notes:**

ft. bgs = Feet below ground surface

PID = Photoionization detector

ppm = Parts per million

HC = Hydrocarbon

GPS = Global positioning system

PDOP = Position dilution of precision

NA = GPS data not available

**TABLE 2**  
**MILLER 29N 18N 4N-24HZ PRODUCTION FACILITY**  
**SOIL SAMPLE RESULTS SUMMARY TABLE - VOCs**  
**KERR-McGEE OIL AND GAS ONSHORE LP**

Soil Sample Location	Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Naphthalene (mg/kg)	TVPH-GRO (mg/kg)	TEPH-DRO (mg/kg)	TEPH-ORO (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)
ECMC standards for soil (mg/kg) <sup>(1)</sup>		0.0026	0.69	0.78	9.9	0.0038	500			0.0081	0.0087
ECMC standards for soil (mg/kg) <sup>(2)</sup>		1.2	490	5.8	58	2	500			30	27
REL-B01@3"	5/6/2024	<0.0500	0.0510	<0.0500	<b>15.4</b>	<b>0.188</b>	<b>1,690</b>	<b>704</b>	<b>340</b>	<b>8.08</b>	<b>6.81</b>
REL-B02@4'	6/6/2024	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200
REL-N01@3'	6/6/2024	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200
REL-S01@3'	6/6/2024	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200
REL-E01@3'	6/6/2024	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200
REL-W01@3'	6/6/2024	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200

**Notes:**  
(1) Standards for soil are taken from ECMC Table 915-1: Protection of Groundwater Soil Screening Level Concentrations, effective January 15, 2021  
(2) Standards for soil are taken from ECMC Table 915-1: Residential Soil Screening Level Concentrations, effective January 15, 2021  
ECMC = Colorado Energy and Carbon Management Commission  
(<) = Analytical result is less than the indicated laboratory reporting limit  
mg/kg = Milligrams per kilogram  
TVPH - GRO = Total volatile petroleum hydrocarbons - gasoline range organics  
TEPH - DRO = Total extractable petroleum hydrocarbons - diesel range organics  
TEPH - ORO = Total extractable petroleum hydrocarbons - oil range organics  
1,2,4 - TMB = 1,2,4 - Trimethylbenzene  
1,3,5 - TMB = 1,3,5 - Trimethylbenzene  
**BOLD** = Analytical result is in exceedance of ECMC Table 915-1 soil standards

**TABLE 3**  
**MILLER 29N 18N 4N-24HZ PRODUCTION FACILITY**  
**SOIL SAMPLE RESULTS SUMMARY TABLE - PAHs**  
**KERR-McGEE OIL AND GAS ONSHORE LP**

Soil Sample Location	Date	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo(a)A (mg/kg)	Benzo(b)F (mg/kg)	Benzo(k)F (mg/kg)	Benzo(a)P (mg/kg)	Chrysene (mg/kg)	D (a,h) A (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	1,2,3-CD (mg/kg)	1-M (mg/kg)	2-M (mg/kg)	Naphthalene (mg/kg)	Pyrene (mg/kg)
<b>ECMC standards for soil (mg/kg) <sup>(1)</sup></b>		<b>0.55</b>	<b>5.8</b>	<b>0.011</b>	<b>0.3</b>	<b>2.9</b>	<b>0.24</b>	<b>9</b>	<b>0.096</b>	<b>8.9</b>	<b>0.54</b>	<b>0.98</b>	<b>0.006</b>	<b>0.019</b>	<b>0.0038</b>	<b>1.3</b>
<b>ECMC standards for soil (mg/kg) <sup>(2)</sup></b>		<b>360</b>	<b>1,800</b>	<b>1.1</b>	<b>1.1</b>	<b>11</b>	<b>0.11</b>	<b>110</b>	<b>0.11</b>	<b>240</b>	<b>240</b>	<b>1.1</b>	<b>18</b>	<b>24</b>	<b>2</b>	<b>180</b>
REL-B01@3"	5/6/2024	0.102	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.146	<0.020	<b>0.509</b>	<b>1.20</b>	<b>0.188</b>	<0.020
REL-B02@4'	6/6/2024	<0.020	<0.020	0.008	<0.020	<0.020	<0.020	<0.020	0.022	<0.020	<0.020	<0.020	<0.002	<0.002	<0.002	<0.020
REL-N01@3'	6/6/2024	<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	<0.002	<0.020
REL-S01@3'	6/6/2024	<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	<0.002	<0.020
REL-E01@3'	6/6/2024	<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	<0.002	<0.020
REL-W01@3'	6/6/2024	<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	<0.002	<0.020

**Notes:**

(1) Standards for soil are taken from ECMC Table 915-1: Protection of Groundwater Soil Screening Level Concentrations, effective January 15, 2021

(2) Standards for soil are taken from ECMC Table 915-1: Residential Soil Screening Level Concentrations, effective January 15, 2021

ECMC = Colorado Energy and Carbon Management Commission

(<) = Analytical result is less than the indicated laboratory reporting limit

mg/kg = Milligrams per kilogram

Benzo(a)A = Benzo(a)anthracene

Benzo(b)F = Benzo(b)fluoranthene

Benzo(k)F = Benzo(k)fluoranthene

Benzo(a)P = Benzo(a)pyrene

D (a,h) A = Dibenz(a,h)anthracene

1,2,3-CD = Indeno(1,2,3-cd)pyrene

1-M = 1-Methylnaphthalene

2-M = 2-Methylnaphthalene

**BOLD** = Analytical result is in exceedance of ECMC Table 915-1 soil standards

**TABLE 4  
MILLER 29N 18N 4N-24HZ PRODUCTION FACILITY  
SOIL SAMPLE RESULTS SUMMARY TABLE - METALS  
KERR-McGEE OIL AND GAS ONSHORE LP**

Soil Sample Location	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 standards for soil (mg/kg) <sup>(1)</sup>			0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
ECMC standards for soil (mg/kg) <sup>(2)</sup>			0.68	15,000	71	0.3	3,100	400	1,500	390	390	23,000
Site-Specific Background Limits			4.48	5,475	0.603	NA	12.8	16.6	14.3	0.885	NA	87.0
REL-B01@3"	5/6/2024	0.25	2.19*	270*	1.30	<0.106	<9.50	6.12	7.53	<0.247	<0.0950	35.2
REL-B02@4'	6/6/2024	4	2.82*	171*	0.270	NA	NA	7.20	5.03	NA	NA	<35.9
REL-N01@3'	6/6/2024	3	2.91*	163*	0.127	NA	NA	6.25	4.64	NA	NA	<34.3
REL-S01@3'	6/6/2024	3	2.36*	184*	0.114	NA	NA	5.28	4.20	NA	NA	<32.1
REL-E01@3'	6/6/2024	3	2.67*	124*	0.115	NA	NA	6.36	4.23	NA	NA	<31.9
REL-W01@3'	6/6/2024	3	2.85*	136*	0.144	NA	NA	7.75	5.10	NA	NA	<33.1
BACKGROUND SOIL SAMPLING												
BG-01@3"	5/6/2024	0.25	3.51	652	0.277	<0.0898	12.6	12.1	10.9	<0.240	<0.0923	45.9
BG-02@3"	5/6/2024	0.25	1.31	327	0.224	<0.104	<8.56	6.14	3.55	<0.222	<0.0856	<31.7
BG-03@3"	5/6/2024	0.25	1.29	68.8	0.281	<0.132	<9.22	8.33	2.89	<0.240	<0.0922	<34.1
BG-04@3"	5/6/2024	0.25	2.35	2,750	0.207	<0.0880	<8.50	7.10	6.54	0.247	<0.0850	<31.5
MILLER 23-24 WELLHEAD RECLAMATION BACKGROUND SAMPLING												
REC-BG01@1'	12/8/2022	1	4.45	1,630	0.112	<0.502	<9.86	<9.86	<9.86	0.351	<0.0986	<98.6
REC-BG02@1'	12/8/2022	1	3.84	2,740	0.434	<1.26	10.3	9.48	11.7	0.742	<0.0912	<91.2
REC-BG03@1'	12/8/2022	1	4.96	2,980	0.290	<0.488	<9.29	<9.29	10.1	0.646	<0.0929	<92.9
REC-BG04@3"	12/8/2022	0.25	2.26	1,360	0.199	<1.23	<9.42	<9.42	<9.42	0.318	<0.0942	<94.2
REC-BG09@1'	3/8/2024	1	1.54	68.7	<0.0892	NA	<8.92	3.90	3.91	<0.232	NA	<33.0
REC-BG09@2'	3/8/2024	2	1.50	77.1	<0.0966	NA	<9.66	3.89	4.45	<0.251	NA	<35.7
REC-BG10@1'	3/8/2024	1	1.19	55.6	<0.0907	NA	<9.07	3.98	3.04	<0.236	NA	<33.6
REC-BG10@2'	3/8/2024	2	1.40	50.8	<0.0891	NA	<8.91	3.77	4.65	<0.232	NA	<33.0
REC-BG11@1'	3/8/2024	1	4.23	137	<0.0849	NA	<8.49	7.36	10.2	0.228	NA	43.2
REC-BG11@2'	3/8/2024	2	3.58	3,130	0.482	NA	<9.39	7.25	10.4	0.708	NA	62.9

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**SOIL SAMPLE RESULTS SUMMARY TABLE - METALS**  
**KERR-McGEE OIL AND GAS ONSHORE LP**

Soil Sample Location	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 standards for soil (mg/kg) <sup>(1)</sup>			0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
ECMC standards for soil (mg/kg) <sup>(2)</sup>			0.68	15,000	71	0.3	3,100	400	1,500	390	390	23,000
Site-Specific Background Limits			4.48	5,475	0.603	NA	12.8	16.6	14.3	0.885	NA	87.0
REC-BG12@1'	3/8/2024	1	3.21	2,230	0.155	NA	<8.80	7.21	8.09	0.336	NA	37.3
REC-BG12@2'	3/8/2024	2	3.42	772	0.167	NA	10.2	13.3	11.4	0.275	NA	69.6
REC-BG13@1'	3/8/2024	1	2.73	1,290	0.0906	NA	<8.97	6.81	9.24	<0.233	NA	<33.2
REC-BG13@2'	3/8/2024	2	2.23	4,380	0.215	NA	<9.74	5.69	6.87	0.348	NA	<36.0

**Notes:**

(1) Standards for soil are taken from ECMC Table 915-1: Protection of Groundwater Soil Screening Level Concentrations, effective January 15, 2021

(2) Standards for soil are taken from ECMC Table 915-1: Residential Soil Screening Level Concentrations, effective January 15, 2021

ECMC = Colorado Energy and Carbon Management Commission

(<) = Analytical result is less than the indicated laboratory minimum detection limit or laboratory reporting limit

mg/kg = Milligrams per kilogram

**BOLD** = Analytical result is in exceedance of ECMC Table 915-1 soil standards

\* Result exceeded the ECMC Table 915-1 standard, but was within the site-specific background concentrations x 1.25

*Italics* = Laboratory minimum detection limit exceeds the ECMC Table 915-1 standard

NA = Constituent not analyzed; No background standard

**TABLE 5**  
**MILLER 29N 18N 4N-24HZ PRODUCTION FACILITY**  
**SOIL SAMPLE RESULTS SUMMARY TABLE - SOIL SUITABILITY FOR RECLAMATION**  
**KERR-McGEE OIL AND GAS ONSHORE LP**

Soil Sample Location	Date	Depth (ft. bgs)	pH	SAR	EC (mmhos/cm)	Boron (mg/L)
<b>ECMC standards for soil (mg/kg)<sup>(1)</sup></b>			<b>6 - 8.3</b>	<b>&lt; 6</b>	<b>&lt; 4</b>	<b>2</b>
<b>Site-Specific Background Limits</b>			<b>7.71 - 8.45</b>	<b>0.0780</b>	<b>0.487</b>	<b>0.346</b>
REL-B01@3"	5/6/2024	0.25	8.28	<b>20.4</b>	1.76	1.60
REL-B02@4'	6/6/2024	4	NA	3.49	NA	NA
REL-N01@3'	6/6/2024	3	NA	0.343	NA	NA
REL-S01@3'	6/6/2024	3	NA	0.492	NA	NA
REL-E01@3'	6/6/2024	3	NA	1.62	NA	NA
REL-W01@3'	6/6/2024	3	NA	3.43	NA	NA
BACKGROUND SOIL SAMPLING						
BG-01@3"	5/6/2024	0.25	8.45	0.0527	0.260	0.232
BG-02@3"	5/6/2024	0.25	8.15	0.0481	0.487	0.346
BG-03@3"	5/6/2024	0.25	7.71	0.0780	0.144	<0.0999
BG-04@3"	5/6/2024	0.25	8.35	0.0459	0.341	0.169

**Notes:**

(1) Standards for soil are taken from ECMC Table 915-1, effective January 15, 2021

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(<) = Analytical result is less than the indicated laboratory reporting limit

ft. bgs = Feet below ground surface

mmhos/cm = Millmhos per centimeter

mg/L = Milligrams per liter

SAR = Sodium Adsorption Ratio

EC = Electrical Conductivity

**BOLD** = Analytical result is in exceedance of ECMC Table 915-1 soil standards

NA = Constituent not analyzed