

TABLE 1
SOIL SAMPLE FIELD DATA SUMMARY TABLE
JONES GUY H GAS UN 2 WELLHEAD
WELD COUNTY, COLORADO
KERR-MCGEE OIL AND GAS ONSHORE, LP



				Observations				
Sample ID	Date	Approx. Depth (ft bgs)	PID (ppm-v)	Visual (Y/N)	Olfactory (Y/N)	Lab (Y/N)	Latitude	Longitude
WELLHEAD								
WH-B01@6'	11/21/2024	6	0.0	N	N	Y	40.09921176	-104.8467736
WH-N01@5'	11/21/2024	5	2.6	N	N	N	40.09922397	-104.8467730
WH-S01@5'	11/21/2024	5	0.0	N	N	N	40.09920343	-104.8467662
WH-E01@5'	11/21/2024	5	0.0	N	N	N	40.09921557	-104.8467594
WH-W01@5'	11/21/2024	5	0.0	N	N	N	40.09921555	-104.8467876
WHS-N01@3"	11/21/2024	0.25	0.0	N	N	N	40.09925307	-104.8467831
WHS-S01@3"	11/21/2024	0.25	0.0	N	N	N	40.09918782	-104.8467463
WHS-E01@3"	11/21/2024	0.25	0.0	N	N	N	40.09923317	-104.8467129
WHS-W01@3"	11/21/2024	0.25	0.0	N	N	N	40.09921272	-104.8468074
WH-B01V@6'	1/9/2025	6	0.0	N	N	Y	40.099215	-104.846780
FLOWLINE								
FL-B01@4'	11/21/2024	4	0.0	N	N	Y	40.09924105	-104.8467811
FL-B02@2'	11/21/2024	2	0.0	N	N	N	40.09948216	-104.846999
FL-B03@2'	11/21/2024	2	0.0	N	N	Y	40.09976069	-104.8472263
FL-B04@2'	11/22/2024	2	0.5	N	N	N	40.0996045	-104.847114
FL-B05@2'	11/22/2024	2	0.5	N	N	N	40.09938667	-104.8469187
GROUNDWATER								
GW-01	11/21/2024	2	NA	N	N	Y	40.09948216	-104.846999
BACKGROUNDS								
WH-BG01@3'	11/21/2024	3	0.1	N	N	Y	40.09916084	-104.8469206
WH-BG01@6'	11/21/2024	6	0.0	N	N	Y	40.09916084	-104.8469206
WH-BG02@3'	11/21/2024	3	0.0	N	N	Y	40.09925657	-104.8468804
WH-BG02@6'	11/21/2024	6	0.1	N	N	Y	40.09925657	-104.8468804
WH-BG03@3'	11/21/2024	3	0.0	N	N	Y	40.09930997	-104.8467371
WH-BG03@6'	11/21/2024	6	0.0	N	N	Y	40.09930997	-104.8467371
WH-BG04@3'	11/21/2024	3	0.0	N	N	Y	40.0992515	-104.8466569
WH-BG04@6'	11/21/2024	6	0.0	N	N	Y	40.0992515	-104.8466569
WH-BG05@3'	11/21/2024	3	0.0	N	N	Y	40.09909834	-104.8468143
WH-BG05@6'	11/21/2024	6	0.0	N	N	Y	40.09909834	-104.8468143
GW-BG-01	1/9/2025	6	NA	NA	NA	Y	40.099395	-104.846537
GW-BG-01-R	1/14/2025	6	NA	NA	NA	Y	40.099395	-104.846537

Notes:

ft = feet

bgs= below ground surface

PID = photoionization detector

ppm-v = parts per million by volume

BOLD = exceeds ECMC Table 915-1 and/or site-specific background limits

Y = Yes

N = No

NA = not applicable

TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS SUMMARY - VOCs
JONES GUY H GAS UN 2 WELLHEAD
WELD COUNTY, COLORADO
KERR-MCGEE OIL AND GAS ONSHORE, LP



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)
GSSL (1)			500			0.0026	0.69	0.78	9.9	0.0081	0.0087	0.0038
RSSL (2)			500			1.2	490	5.8	9.9	30	27	2
WELLHEAD												
WH-B01@6'	11/21/2024	6	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00126
FLOWLINE												
FL-B01@4'	11/21/2024	4	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00124
FL-B03@2'	11/21/2024	2	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00121

Notes:

ECMC - Energy and Carbon Management Commission

(1) Standards for soil are taken from ECMC Table 915-1 Organic Compounds in Soils - Protection of Groundwater Soil Screening Level Concentrations (Effective January 15, 2021)

(2) Standards for soil are taken from ECMC Table 915-1 Organic Compounds in Soils - Residential Soil Screening Level Concentrations (Effective January 15, 2021)

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

mg/kg = milligrams per kilogram

< = less than laboratory reporting limit

ft = feet

bgs = below ground surface

TABLE 3
SOIL SAMPLE ANALYTICAL RESULTS SUMMARY
SOIL SUITABILITY FOR RECLAMATION
JONES GUY H GAS UN 2 WELLHEAD
WELD COUNTY, COLORADO
KERR-MCGEE OIL AND GAS ONSHORE, LP



Sample Location	Date	Depth (ft bgs)	Boron (mg/L)	pH	SAR	EC (mmhos/cm)
ECMC Soil Suitability for Reclamation (1)			2	6-8.3	<6	<4
Background Limits			NA	(@6'): 8.53	(@6'): 12.3	(@6'): 5.11
WELLHEAD						
WH-B01@6'	11/21/2024	6	0.874	11.4	4.36	1.26
WH-B01V@6'	1/9/2025	6	NA	7.93	NA	NA
FLOWLINE						
FL-B01@4'	11/21/2024	4	0.212	8.34*	0.882	0.391
FL-B03@2'	11/21/2024	2	0.149	8.28	0.280	0.330
BACKGROUNDS						
WH-BG01@3'	11/21/2024	3	0.148	7.97	6.69	4.56
WH-BG01@6'	11/21/2024	6	0.407	8.17	7.98	2.79
WH-BG02@3'	11/21/2024	3	0.434	8.21	7.41	2.98
WH-BG02@6'	11/21/2024	6	0.363	8.53	12.3	2.06
WH-BG03@3'	11/21/2024	3	0.782	8.03	6.44	3.84
WH-BG03@6'	11/21/2024	6	0.858	8.25	5.97	1.62
WH-BG04@3'	11/21/2024	3	1.13	8.31	12.2	3.92
WH-BG04@6'	11/21/2024	6	0.223	8.24	5.14	1.61
WH-BG05@3'	11/21/2024	3	0.244	8.04	2.02	1.02
WH-BG05@6'	11/21/2024	6	0.196	7.96	6.60	5.11

Notes:

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

ECMC = Energy and Carbon Management Commission

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

mg/L = milligrams per liter

EC = electrical conductivity

ft = feet

bgs = below ground surface

mmhos/cm = millimhos per centimeter

Background Limits = Highest background concentration

BOLD = Exceeds ECMC Table 915-1 & Background Limits

BOLD* = Exceeds ECMC Table 915-1, but within site specific Background Limits

NA = not applicable/not analyzed

TABLE 4
 SOIL SAMPLE RESULTS SUMMARY TABLE - PAHs
 JONES GUY H GAS UN 2 WELLHEAD
 WELD COUNTY, COLORADO
 KERR-McGEE OIL AND GAS ONSHORE LP



Sample ID	Date	1-Methyl-naphthalene (mg/kg)	2-Methyl-naphthalene (mg/kg)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo(a)-anthracene (mg/kg)	Benzo(a)-pyrene (mg/kg)	Benzo(b)-fluoranthene (mg/kg)	Benzo(k)-fluoranthene (mg/kg)	Chrysene (mg/kg)	Dibenzo(a,h)-anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Ideno(1,2,3-cd)-pyrene (mg/kg)	Pyrene (mg/kg)
GSSL (1)		0.006	0.019	0.55	5.8	0.011	0.24	0.3	2.9	9	0.096	8.9	0.54	0.98	1.3
RSSL (1)		18	24	360	1,800	1.1	0.11	1.1	11	110	0.11	240	240	1.1	180
WELLHEAD															
WH-B01@6'	11/21/2024	<0.00126	<0.00126	<0.00126	<0.00126	<0.00126	<0.00126	<0.00126	<0.00126	<0.00126	<0.00126	<0.00126	<0.00126	<0.00126	<0.00126
FLOWLINE															
FL-B01@4'	11/21/2024	<0.00124	<0.00124	0.00375	0.0413	0.265	0.161	0.236	0.0732	0.241	0.0221	0.524	0.00525	0.0826	0.460
FL-B03@2'	11/21/2024	<0.00121	<0.00121	<0.00121	<0.00121	0.00660	0.00660	0.00990	0.00293	0.00660	<0.00121	0.00807	<0.00121	0.00367	0.0103

Notes:

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

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

ECMC = Energy and Carbon Management Commission

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

mg/kg = milligrams per kilogram

PAH = Polycyclic Aromatic Hydrocarbons

BOLD = Exceeds ECOM Table 915-1

TABLE 5
 SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - METALS
 JONES GUY H GAS UN 2 WELLHEAD
 WELD COUNTY, COLORADO
 KERR-MCGEE OIL AND GAS ONSHORE, LP



Sample ID	Date	Depth (ft bgs)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)	Chromium VI (mg/kg)
GSSL (1)			0.29	82	0.38	46	14	26	0.26	0.8	370	0.000067
RSSL (2)			0.68	15000	71	3100	400	1500	390	390	23000	0.3
Background Limits			(@6'): 8.54	(@6'): 203	NA	NA	NA	NA	(@6'): 0.615	NA	NA	NA
WELLHEAD												
WH-B01@6'	11/21/2024	6	5.93*	101*	0.325	13.0	11.5	12.5	<0.249	<0.0958	46.9	*<0.163
FLOWLINE												
FL-B01@4'	11/21/2024	4	3.66*	74.0	0.159	<9.67	8.12	8.52	<0.251	<0.0967	<35.8	*<0.174
FL-B03@2'	11/21/2024	2	2.23*	51.7	0.153	<8.60	6.63	6.97	<0.223	<0.0860	<31.8	*<0.100
BACKGROUNDS												
WH-BG01@3'	11/21/2024	3	2.91	73.2	0.0923	<9.05	5.03	8.25	0.245	<0.0905	<33.5	*<0.158
WH-BG01@6'	11/21/2024	6	6.83	162	0.259	10.3	7.25	11.4	0.492	<0.0864	36.7	*<0.187
WH-BG02@3'	11/21/2024	3	3.14	100	<0.0962	<9.62	5.40	7.90	<0.250	<0.0962	<35.6	*<0.181
WH-BG02@6'	11/21/2024	6	2.52	52.6	<0.0922	<9.22	4.29	6.76	<0.240	<0.0922	<34.1	*<0.187
WH-BG03@3'	11/21/2024	3	3.50	72.5	0.0953	<9.35	5.77	9.35	<0.243	<0.0935	<34.6	*<0.170
WH-BG03@6'	11/21/2024	6	3.65	89.5	<0.0928	<9.28	5.95	9.06	<0.241	<0.0928	<34.3	*<0.188
WH-BG04@3'	11/21/2024	3	4.36	87.8	0.126	<9.60	6.14	9.58	<0.250	<0.0960	<35.5	*<0.146
WH-BG04@6'	11/21/2024	6	1.98	43.5	<0.0966	<9.66	3.66	5.89	<0.251	<0.0966	<35.7	*<0.155
WH-BG05@3'	11/21/2024	3	3.31	69.4	<0.0892	<8.92	5.53	9.11	<0.232	<0.0892	<33.0	*<0.167
WH-BG05@6'	11/21/2024	6	3.04	75.8	<0.0966	<9.66	5.79	9.59	<0.251	<0.0966	<35.7	*<0.173

Notes:

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

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

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

ft = feet

bgs = below ground surface

mg/kg = milligrams per kilogram

Background Limits = Highest background concentration x 1.25

BOLD* = Exceeds ECMC Table 915-1, but within site specific Background Limits

* = compound is in accordance with the ECMC Table 915-1 Footnote 9.

NA = not applicable

TABLE 6
GROUNDWATER ANALYTICAL RESULTS
JONES GUY H GAS UN 2 WELLHEAD
WELD COUNTY, COLORADO
KERR-MCGEE OIL AND GAS ONSHORE, LP



Sample ID	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 (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)
ECMC Allowable Level		5	560	700	1400	140	67	67	<1.25 x BG	250 or <1.25 x BG	250 or <1.25 x BG
Background Limits									8275	604	1963
FLOWLINE											
GW-01	11/21/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	3820*	427*	1760*
BACKGROUNDS											
GW-BG-01	1/9/2025								NA*	483	1570
GW-BG-01-R	1/14/2025								6620	NA	NA

Notes:

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

ECMC = Energy and Carbon Management Commission

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

µg/L = micrograms per liter

mg/L = milligrams per liter

BG = background

Background Limits = Highest background concentration x 1.25

BOLD* = Concentration within site-specific background limits

NA* = Not analyzed due to lab error

NA = not analyzed

TABLE 7
 SOIL VAPOR DATA SUMMARY TABLE
 Jones Guy H Gas UN 2 WELLHEAD
 WELD COUNTY, COLORADO
 KERR-McGEE OIL AND GAS ONSHORE LP



Soil Vapor Point ID	Date	Depth (ft bgs)	Time	Methane (%)	Carbon Dioxide (%)	Carbon Monoxide (ppm)	Oxygen (%)	Hydrogen Sulfide (ppm)
SOIL VAPOR POINTS								
SVP01	1/31/2025	5	12:41	0.0	0.2	1	20.9	0
SVP02	1/31/2025	5	12:44	0.0	0.2	1	20.8	0
SVP03	1/31/2025	5	12:47	0.0	0.1	1	20.8	0

Notes:

% = percent

ppm = parts per million

ft bgs = feet below ground surface

NA = not analyzed/not applicable