

TABLE 1
MOSER 11-28 O SA 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)
PW-B01@3"	06/16/21	0.25	3.5	No Staining	No Odor	40.19634129	-104.6691245	1.2	Yes
PW-B02@3"	06/16/21	0.25	3.2	No Staining	No Odor	40.19636628	-104.669113	1.3	No
PW-BG01@3"	06/16/21	0.25	2.2	No Staining	No Odor	40.19634404	-104.6692349	1.3	Yes
DL-B01@3'	06/16/21	3	6.2	No Staining	No Odor	40.1963517	-104.6690766	1.2	No
DL-B02@3'	06/16/21	3	3.2	No Staining	No Odor	40.19633152	-104.6689282	1.2	No
DL-B03@3'	06/16/21	3	10.3	No Staining	No Odor	40.1963474	-104.6688431	1.1	No
SEP-B01@6"	06/16/21	0.5	2.5	No Staining	No Odor	40.19635608	-104.6687776	1.2	Yes
SEP-B02@6"	06/16/21	0.5	2.0	No Staining	No Odor	40.19637679	-104.66879	1.2	Yes
SEP-B03@6"	06/16/21	0.5	2.1	No Staining	No Odor	40.19638254	-104.6687575	1.2	Yes
SEP-B04@6"	06/16/21	0.5	5.1	No Staining	No Odor	40.19635387	-104.6687612	1.2	Yes
MH-B01@6"	06/16/21	0.5	2.0	No Staining	No Odor	40.19635678	-104.668717	1.2	No
ECD-B01@6"	06/16/21	0.5	1.7	No Staining	No Odor	40.19622762	-104.6687846	1.2	No

Notes:

ft. bgs = Feet below ground surface

PID = Photoionization detector

ppm = Parts per million

GPS = Global positioning system

PDOP = Position dilution of precision

TABLE 2
MOSER 11-28 O SA 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)
COGCC standards for soil (mg/kg) ⁽¹⁾		0.0026	0.69	0.78	9.9	0.0038	500		
COGCC standards for soil (mg/kg) ⁽²⁾		1.2	490	5.8	58	2	500		
PW-B01@3"	06/16/21	<0.00200	<0.00200	<0.00200	<0.00200	<0.003800	<0.200	<25.0	<100
SEP-B01@6"	06/16/21	<0.00200	<0.00200	<0.00200	<0.00200	<0.003800	<0.200	<25.0	<100
SEP-B02@6"	06/16/21	<0.00200	<0.00200	<0.00200	<0.00200	<0.003800	<0.200	<25.0	<100
SEP-B03@6"	06/16/21	<0.00200	<0.00200	<0.00200	<0.00200	<0.003800	<0.200	<25.0	<100
SEP-B04@6"	06/16/21	<0.00200	<0.00200	<0.00200	<0.00200	<0.003800	<0.200	<25.0	<100

Notes:

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

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

COGCC = Colorado Oil and Gas Conservation 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

TABLE 3
MOSER 11-28 O SA 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)
COGCC standards for soil (mg/kg) ⁽¹⁾			6 - 8.3	< 6	< 4	2
PW-B01@3"	06/16/21	0.25	7.92	0.549	0.190	0.0199
BACKGROUND SOIL SAMPLING						
PW-BG01@3"	06/16/21	0.25	7.66	0.347	0.284	0.0802

Notes:

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

COGCC = Colorado Oil and Gas Conservation Commission

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

ft. bgs = Feet below ground surface

mmhos/cm = Millimhos per centimeter

mg/L = Milligrams per liter

SAR = Sodium Adsorption Ratio

EC = Electrical Conductivity