

TABLE 1
UPRC 9-15,16,9,10/LUCKY L9-23/ANDERSON 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)
SEP-B01@3'	07/14/21	3	1.2	Organic content	No Odor	40.23758114	-104.7764686	1.1	Yes
SEP-B02@3"	07/14/21	0.25	0.1	No Staining	No Odor	40.23761392	-104.7764483	1.2	Yes
AST-B01@6"	07/14/21	0.5	0.3	No Staining	No Odor	40.23786217	-104.7760756	1.1	No
AST-B02@6"	07/14/21	0.5	2.7	No Staining	No Odor	40.23788124	-104.7760852	1.1	Yes
BG-N01@3"	07/14/21	0.25	0.1	No Staining	No Odor	40.23791932	-104.775992	1.1	Yes
BG-N01@3'	07/14/21	3	0.0	No Staining	No Odor	40.23791932	-104.775992	1.1	Yes
BG-S01@3"	07/14/21	0.25	0.1	No Staining	No Odor	40.23750975	-104.7765459	1.2	Yes
BG-S01@3'	07/14/21	3	0.1	No Staining	No Odor	40.23750975	-104.7765459	1.2	Yes
BG-E01@3"	07/14/21	0.25	0.0	No Staining	No Odor	40.23742697	-104.7761046	1.1	Yes
BG-E01@3'	07/14/21	3	0.1	No Staining	No Odor	40.23742697	-104.7761046	1.1	Yes

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
UPRC 9-15,16,9,10/LUCKY L9-23/ANDERSON 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		
SEP-B01@3'	07/14/21	<0.00200	<0.00200	<0.00200	<0.00200	<0.00380	<0.200	<25.0	<100
AST-B02@6"	07/14/21	<0.00200	<0.00200	<0.00200	<0.00200	<0.00380	<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
UPRC 9-15,16,9,10/LUCKY L9-23/ANDERSON 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
SEP-B01@3'	07/14/21	3	8.12	3.43	0.662	0.417
BACKGROUND SOIL SAMPLING						
BG-N01@3"	07/14/21	0.25	7.85	6.56	4.99	1.30
BG-N01@3'	07/14/21	3	8.24	16.9	8.81	3.09
BG-S01@3"	07/14/21	0.25	8.13	10.1	5.89	4.19
BG-S01@3'	07/14/21	3	8.09	11.6	7.04	0.897
BG-E01@3"	07/14/21	0.25	8.28	28.4	16.4	4.84
BG-E01@3'	07/14/21	3	8.20	12.4	3.86	1.80

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