

TABLE 1
NESG 13-24 WELLHEAD
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)
WH-B01@6'	10/01/21	6	0.8	No Staining	No Odor	40.20752541	-104.9576545	1.0	Yes
WH-N01@5'	10/01/21	5	1.1	No Staining	No Odor	40.20753773	-104.9576652	1.1	No
WH-S01@5'	10/01/21	5	0.4	No Staining	No Odor	40.20751277	-104.9576430	1.2	No
WH-E01@5'	10/01/21	5	0.2	No Staining	No Odor	40.20752803	-104.9576358	1.2	No
WH-W01@5'	10/01/21	5	0.1	No Staining	No Odor	40.20751695	-104.9576712	1.0	No
WHS-N01@3"	10/01/21	0.25	0.1	No Staining	No Odor	40.20757207	-104.9576933	1.1	No
WHS-S01@3"	10/01/21	0.25	0.1	No Staining	No Odor	40.20748096	-104.9576029	1.0	No
WHS-E01@3"	10/01/21	0.25	0.2	No Staining	No Odor	40.20758013	-104.9575894	1.0	No
WHS-W01@3"	10/01/21	0.25	0.1	No Staining	No Odor	40.20748896	-104.9576860	1.0	No
BACKGROUND SOIL SAMPLING									
WH-BG01@3'	10/01/21	3	0.2	No Staining	No Odor	40.20759769	-104.9575639	1.0	Yes
WH-BG01@6'	10/01/21	6	0.1	No Staining	No Odor	40.20759769	-104.9575639	1.0	Yes
WH-BG02@3'	10/01/21	3	0.3	No Staining	No Odor	40.20744607	-104.9577022	1.1	Yes
WH-BG02@6'	10/01/21	6	0.1	No Staining	No Odor	40.20744607	-104.9577022	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
NESG 13-24 WELLHEAD
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		
WH-B01@6'	10/01/21	<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
NESG 13-24 WELLHEAD
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
WH-B01@6'	10/01/21	6	8.66*	3.37	1.01	0.776
BACKGROUND SOIL SAMPLING						
WH-BG01@3'	10/01/21	3	7.85	2.02	1.44	0.518
WH-BG01@6'	10/01/21	6	8.17	3.17	0.908	0.582
WH-BG02@3'	10/01/21	3	7.84	2.64	2.09	0.514
WH-BG02@6'	10/01/21	6	8.13	1.52	1.16	1.25

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 = Millmhos per centimeter

mg/L = Milligrams per liter

SAR = Sodium Adsorption Ratio

EC = Electrical Conductivity

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

* Result exceeded the COGCC Table 915-1 standard and site-specific background levels, but was within the range of acceptable soil variability