

TABLE 1
LABRISA 11-35HZ 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	Submitted for Lab Analysis? (Y/N)
WC01@3"	11/05/24	0.25	1,460	HC Staining	HC Odor	40.090261	-104.631735	Y
BACKGROUND SOIL SAMPLING								
BG01@3"	11/05/24	0.25	0.9	No Staining	No Odor	40.090659	-104.632207	Y
BG02@3"	11/05/24	0.25	0.0	No Staining	No Odor	40.090946	-104.632019	Y
BG03@3"	11/05/24	0.25	0.4	No Staining	No Odor	40.090993	-104.631268	Y
BG04@3"	11/05/24	0.25	0.7	No Staining	No Odor	40.090461	-104.631174	Y
BG05@3"	11/05/24	0.25	0.9	No Staining	No Odor	40.091474	-104.631743	Y
BG06@3"	11/05/24	0.25	0.6	No Staining	No Odor	40.090712	-104.630934	Y

Notes:

ft. bgs = Feet below ground surface

PID = Photoionization detector

ppm = Parts per million

HC = Hydrocarbon

TABLE 2
LABRISA 11-35HZ 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) ⁽¹⁾		0.0026	0.69	0.78	9.9	0.0038	500			0.0081	0.0087
ECMC standards for soil (mg/kg) ⁽²⁾		1.2	490	5.8	58	2	500			30	27
WC01@3"	11/05/24	21.4	353	78.7	796	Pending	25,400	32,000	17,500	440	58.1

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
Pending = Analytical results pending final laboratory reporting

TABLE 3
LABRISA 11-35HZ 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) ⁽¹⁾			0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
ECMC standards for soil (mg/kg) ⁽²⁾			0.68	15,000	71	0.3	3,100	400	1,500	390	390	23,000
Site-Specific Background Limits			11.3	376	0.151	Pending	170	14	20.1	0.394	ND	65.6
WC01@3"	11/05/24	0.25	4.71*	204*	0.126	Pending	46.4*	1.97	9.96	<0.257	<0.0988	<36.6
BACKGROUND SOIL SAMPLING												
BG01@3"	11/05/24	0.25	8.78	298	<0.0947	Pending	136	2.81	14.6	0.315	<0.0947	43.6
BG02@3"	11/05/24	0.25	7.45	301	<0.0941	Pending	71.2	4.19	16.1	<0.245	<0.0941	48.2
BG03@3"	11/05/24	0.25	9.05	257	<0.0968	Pending	54.6	2.86	14.7	<0.252	<0.0968	44.1
BG04@3"	11/05/24	0.25	7.91	252	<0.0977	Pending	41.1	2.78	15.6	<0.254	<0.0977	45.4
BG05@3"	11/05/24	0.25	1.23	28.7	0.115	Pending	<9.02	5.78	2.54	<0.234	<0.0902	33.4
BG06@3"	11/05/24	0.25	3.72	110	0.121	Pending	8.70	11.2	13.1	<0.219	<0.0843	52.5

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 range of site-specific background concentrations x 1.25

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

Pending = Analytical results pending final laboratory reporting