

TABLE 1
LABRISA 11-35HZ 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	Horizontal GPS Accuracy (ft.)	Submitted for Lab Analysis?
WC01@3"	11/5/2024	0.25	1460	No Staining	No Odor	40.09026084	-104.6317355	1.07	Yes
REL-B01@1'	11/21/2024	1	50	No Staining	Faint	40.09024626	-104.631704	1.95	Yes
REL-B02@1'	11/21/2024	1	46	No Staining	Faint	40.09025909	-104.6316847	1.84	Yes
REL-B03@4'	12/12/2024	4	1.9	No Staining	No Odor	40.09026098	-104.6317263	1.22	Yes
REL-B04@4'	12/12/2024	4	2.5	No Staining	No Odor	40.09026935	-104.6316673	1.06	Yes
REL-N01@2'	12/12/2024	2	1.3	No Staining	No Odor	40.09028450	-104.6316869	1.04	Yes
REL-N02@2'	12/12/2024	2	1.1	No Staining	No Odor	40.09028111	-104.631739	1.34	Yes
REL-E01@2'	12/12/2024	2	6.8	No Staining	No Odor	40.09024746	-104.631675	1.21	Yes
REL-E02@2'	12/12/2024	2	13.2	No Staining	Faint	40.09028052	-104.6316267	1.06	Yes
REL-S01@2'	12/12/2024	2	0.8	No Staining	No Odor	40.09023738	-104.6317462	2.70	Yes
REL-W01@2'	12/12/2024	2	2.2	No Staining	No Odor	40.09024867	-104.6317751	0.87	Yes
REL-E03@2'	1/21/2025	2	2.3	No Staining	No Odor	40.09024152	-104.6316588	0.70	Yes
LABRISA 11-35 HZ FACILITY BACKGROUND SOIL SAMPLING									
BG01@3"	11/5/2024	0.25	0.9	No Staining	No Odor	40.09065888	-104.6322066	0.61	Yes
BG02@3"	11/5/2024	0.25	0.0	No Staining	No Odor	40.09094553	-104.6320193	0.68	Yes
BG03@3"	11/5/2024	0.25	0.4	No Staining	No Odor	40.09099267	-104.6312678	0.62	Yes
BG04@3"	11/5/2024	0.25	0.7	No Staining	No Odor	40.09046063	-104.6311738	0.63	Yes
BG05@3"	11/5/2024	0.25	0.9	No Staining	No Odor	40.09147418	-104.6317433	0.58	Yes
BG06@3"	11/5/2024	0.25	0.6	No Staining	No Odor	40.09071208	-104.6309345	1.13	Yes

Notes:

ft. bgs = Feet below ground surface

PID = Photoionization detector

ppm = Parts per million

GPS = Global positioning system

TABLE 2
LABRISA 11-35HZ 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"	11/5/2024	21.4	353.00	78.7	796	36.4	ND	ND	ND	440	58.1
REL-B01@1'	11/21/2024	0.0191	0.262	0.109	0.649	0.0042	ND	ND	ND	0.295	0.0775
REL-B02@1'	11/21/2024	ND	0.03	ND	0.0304	0.00254	ND	ND	ND	0.011	0.00494
REL-B03@4'	12/12/2024	ND	0.00278	ND	0.0304	0.00254	ND	ND	ND	ND	ND
REL-B04@4'	12/12/2024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
REL-N01@2'	12/12/2024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
REL-N02@2'	12/12/2024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
REL-E01@2'	12/12/2024	ND	ND	ND	0.0215	0.035	ND	ND	ND	0.0331	0.0128
REL-E02@2'	12/12/2024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
REL-S01@2'	12/12/2024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
REL-W01@2'	12/12/2024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
REL-E03@2'	1/21/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

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

ND = Concentration below minimum detection limit and/or laboratory reporting limit

TABLE 3
LABRISA 11-35HZ FACILITY
SOIL SAMPLE RESULTS SUMMARY TABLE - PAHs
KERR-McGEE OIL AND GAS ONSHORE LP

Soil Sample Location	Date	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo(a)A (mg/kg)	Benzo(b)F (mg/kg)	Benzo(k)F (mg/kg)	Benzo(a)P (mg/kg)	Chrysene (mg/kg)	D (a,h) A (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	1,2,3-CD (mg/kg)	1-M (mg/kg)	2-M (mg/kg)	Naphthalene (mg/kg)	Pyrene (mg/kg)
ECMC standards for soil (mg/kg) ⁽¹⁾		0.55	5.8	0.011	0.3	2.9	0.24	9	0.096	8.9	0.54	0.98	0.006	0.019	0.0038	1.3
ECMC standards for soil (mg/kg) ⁽²⁾		360	1,800	1.1	1.1	11	0.11	110	0.11	240	240	1.1	18	24	2	180
WC01@3"	11/5/2024	12.1	0.38	ND	0.271	ND	ND	1.53	ND	0.374	15.6	ND	81.2	129	36.4	0.934
REL-B01@1'	11/21/2024	0.0029	ND	0.0497	ND	ND	ND	0.00306	ND	ND	0.0218	ND	0.0783	0.0256	0.0042	0.00306
REL-B02@1'	11/21/2024	ND	ND	0.00217	0.00217	ND	ND	0.0029	ND	0.0029	0.013	ND	0.0239	0.00616	0.00254	0.0029
REL-B03@4'	12/12/2024	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
REL-B04@4'	12/12/2024	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
REL-N01@2'	12/12/2024	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
REL-N02@2'	12/12/2024	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
REL-E01@2'	12/12/2024	ND	ND	NA	ND	NA	NA	ND	ND	ND	0.031	NA	0.14	0.195	0.035	ND
REL-E02@2'	12/12/2024	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
REL-S01@2'	12/12/2024	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
REL-W01@2'	12/12/2024	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
REL-E03@2'	1/21/2025	ND	ND	NA	ND	NA	NA	ND	NA	0.000443	ND	NA	ND	ND	ND	ND

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

mg/kg = Milligrams per kilogram

Benzo(a)A = Benzo(a)anthracene

Benzo(b)F = Benzo(b)fluoranthene

Benzo(k)F = Benzo(k)fluoranthene

Benzo(a)P = Benzo(a)pyrene

D (a,h) A = Dibenz(a,h)anthracene

1,2,3-CD = Indeno(1,2,3-cd)pyrene

1-M = 1-Methylnaphthalene

2-M = 2-Methylnaphthalene

NA = Constituent not analyzed

ND = Concentration below minimum detection limit and/or laboratory reporting limit

TABLE 4
LABRISA 11-35HZ 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 (x 1.25)			11.31	376	-	-	170	-	-	0.39	-	-
WC01@3"	11/5/2024	0.25	4.71*	204*	0.126	ND	46.4*	1.97	9.96	ND	ND	ND
REL-B01@1'	11/21/2024	1	3.76*	101*	0.139	NA	9.56	6.43	7.67	ND	ND	ND
REL-B02@1'	11/21/2024	1	5.20*	147*	0.178	NA	12.9	9.69	11.6	ND	ND	44.9
REL-B03@4'	12/12/2024	4	1.12*	30.4	ND	NA	ND	3.20	2.85	NA	NA	NA
REL-B04@4'	12/12/2024	4	1.03*	27.3	ND	NA	ND	4.08	2.41	NA	NA	NA
REL-N01@2'	12/12/2024	2	0.925*	22.8	ND	NA	ND	3.47	1.97	NA	NA	NA
REL-N02@2'	12/12/2024	2	0.983*	25.0	ND	NA	ND	3.28	2.24	NA	NA	NA
REL-E01@2'	12/12/2024	2	1.49*	51.4	ND	NA	ND	4.49	3.69	NA	NA	NA
REL-E02@2'	12/12/2024	2	1.11*	24.3	ND	NA	ND	3.65	2.26	NA	NA	NA
REL-S01@2'	12/12/2024	2	1.00*	25.5	ND	NA	ND	3.98	2.31	NA	NA	NA
REL-W01@2'	12/12/2024	2	0.946*	28.6	ND	NA	ND	2.81	2.23	NA	NA	NA
REL-E03@2'	1/21/2025	2	1.70*	26.5	ND	NA	ND	4.41	2.15	NA	NA	NA
LABRISA 11-35HZ FACILITY BACKGROUND SOIL SAMPLING												
BG01@3"	11/5/2024	0.25	8.78	298	ND	ND	136	2.81	14.6	0.315	ND	43.6
BG02@3"	11/5/2024	0.25	7.45	301	ND	ND	71.2	4.19	16.1	ND	ND	48.2
BG03@3"	11/5/2024	0.25	9.05	257	ND	ND	54.6	2.86	14.7	ND	ND	44.1
BG04@3"	11/5/2024	0.25	7.91	252	ND	ND	41.1	2.78	15.6	ND	ND	45.4
BG05@3"	11/5/2024	0.25	1.23	28.7	0.115	ND	ND	5.78	2.54	ND	ND	ND
BG06@3"	11/5/2024	0.25	3.72	110	0.121	ND	8.70	11.2	13.1	ND	ND	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

mg/kg = Milligrams per kilogram

- = Site specific background limit is not present or does not exceed relevant ECMC Table 915-1 standard

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 site-specific background concentrations x 1.25

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

NA = Constituent not analyzed

ND = Concentration below minimum detection limit and/or laboratory reporting limit

TABLE 5
LABRISA 11-35HZ 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)
ECMC standards for soil (mg/kg) ⁽¹⁾			6 - 8.3	< 6	< 4	2
Site-Specific Background Limits			-	-	-	-
WC01@3"	11/5/2024	0.25	7.63	1.30	ND	0.110
REL-B01@1'	11/21/2024	1	NA	NA	NA	0.288
REL-B02@1'	11/21/2024	1	NA	NA	NA	0.395
REL-B03@4'	12/12/2024	4	NA	NA	NA	ND
REL-B04@4'	12/12/2024	4	NA	NA	NA	ND
REL-N01@2'	12/12/2024	2	NA	NA	NA	ND
REL-N02@2'	12/12/2024	2	NA	NA	NA	ND
REL-E01@2'	12/12/2024	2	NA	NA	NA	ND
REL-E02@2'	12/12/2024	2	NA	NA	NA	ND
REL-S01@2'	12/12/2024	2	NA	NA	NA	ND
REL-W01@2'	12/12/2024	2	NA	NA	NA	ND
REL-E03@2'	1/21/2025	2	NA	NA	NA	ND
LABRISA 11-35HZ FACILITY BACKGROUND SOIL SAMPLING						
BG01@3"	11/5/2024	0.25	8.18	1.41	0.875	ND
BG02@3"	11/5/2024	0.25	8.20	0.908	0.532	ND
BG03@3"	11/5/2024	0.25	8.26	0.493	0.384	ND
BG04@3"	11/5/2024	0.25	8.23	0.810	0.523	ND
BG05@3"	11/5/2024	0.25	6.13	0.0713	0.182	ND
BG06@3"	11/5/2024	0.25	6.41	0.055	0.120	ND

Notes:

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

ECMC = Colorado Energy and Carbon Management Commission

ft. bgs = Feet below ground surface

mmhos/cm = Millmhos per centimeter

mg/L = Milligrams per liter

SAR = Sodium Adsorption Ratio

EC = Electrical Conductivity

- = Site specific background limit is not present or does not exceed relevant ECMC Table 915-1 standard

NA = Constituent not analyzed

ND = Concentration below minimum detection limit and/or laboratory reporting limit