

TABLE 1
FERME FARMS P 13-06 DI PRODUCTION FACILITY
SOIL SAMPLE RESULTS SUMMARY TABLE
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Depth (ft. bgs)	PID Reading (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Napthalene (mg/kg)	TVPH-GRO (mg/kg)	TEPH-DRO (mg/kg)	TEPH-ORO (mg/kg)	EC (mmhos/cm)	pH (units)	SAR (units)
COGCC standards for soil (mg/kg) ⁽¹⁾			-	0.17	85	100	175	23	500			4 mmhos/cm or 2x BG	6-9	12
B01@5'	04/24/19	5	0.6	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0	<200	0.0205	7.01	0.54
N01@4'	04/24/19	4	0.1	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0	<200	NA	NA	NA
S01@4'	04/24/19	4	0.3	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0	<200	NA	NA	NA
E01@4'	04/24/19	4	66.4	0.003	0.027	0.002	0.030	<0.008	0.250	<50.0	<200	NA	NA	NA
W01@4'	04/24/19	4	2.7	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0	<200	NA	NA	NA

Notes:

(1) Standards for soil are taken from 2 CCR 404-1, Table 910-1, effective May 1, 2018.

COGCC = Colorado Oil and Gas Conservation Commission

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

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

EC = Electrical conductivity

SAR = Sodium adsorption ratio

mmhos/cm = Millimhos per centimeter

mg/kg = Milligrams per kilogram.

ft. bgs = Feet below ground surface.

BOLD = Analytical result is in exceedance of COGCC Table 910-1 soil standards

NA = Constituent not analyzed

PID = Photoionization Detector

ppm = Parts per million