

TABLE 1
MAYER STATE 16-16 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@7'	04/10/19	7	0.0	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<25.0	<100	0.350	7.83	16.50*
B02@7'	04/10/19	7	0.0	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<25.0	<100	0.317	8.80	15.98*
E01@6'	04/10/19	6	0.0	<0.050	<0.050	<0.050	<0.050	<0.200	5.67	<25.0	<100	NA	NA	NA
W01@6'	04/10/19	6	15.2	<0.050	<0.050	<0.050	<0.050	<0.200	8.06	49.3	<100	NA	NA	NA
N01@6'	04/12/19	6	3.4	<0.050	<0.050	<0.050	<0.050	<0.200	7.61	82.0	<100	NA	NA	NA
N02@6'	04/12/19	6	0.6	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	87.8	<100	NA	NA	NA
E02@6'	04/15/19	6	3.7	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<25.0	<100	NA	NA	NA
E03@6'	04/15/19	6	431.5	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<25.0	<100	NA	NA	NA
W02@6'	04/15/19	6	8.1	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	36.8	<100	NA	NA	NA
W03@6'	04/15/19	6	0.0	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<25.0	<100	NA	NA	NA
S01@6'	04/15/19	6	386.8	<0.050	<0.050	<0.050	<0.050	<0.200	17.4	54.3	<100	NA	NA	NA
S02@6'	04/15/19	6	0.0	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	46.9	<100	NA	NA	NA
B03@7'	04/15/19	7	3.7	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<25.0	<100	0.362	8.17	14.23*
B04@7'	04/15/19	7	266.8	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<25.0	<100	0.317	8.56	15.91*
B05@7'	04/15/19	7	0.9	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<25.0	<100	0.246	8.18	16.44*
B06@7'	04/15/19	7	0.5	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<25.0	<100	0.312	8.67	17.52*

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COGCC standards for soil (mg/kg) ⁽¹⁾			-	0.17	85	100	175	23	500			4 mmhos/cm or 2x BG	6-9	12

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.

* sample was collected below the designated root zone (0-3 feet bgs)

NA = Constituent not analyzed

PID = Photoionization Detector

ppm = Parts per million