

TABLE 1
ROCKY MOUNTAIN FUEL CO E1/FREDERICK 15-30/FREDERICK 16-30/
RUSSEL TOM C TRUE 1 PRODUCTION FACILITY
SOIL SAMPLE RESULTS SUMMARY TABLE
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Depth (ft. bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TVPH-GRO (mg/kg)	TEPH-DRO (mg/kg)	TEPH-ORO (mg/kg)	EC (mmhos/cm)	pH (units)
COGCC standards for soil (mg/kg) ⁽¹⁾			0.17	85	100	175	500			4 mmhos/cm or 2x BG	6-9
B01@11'	07/09/18	11	<0.002	<0.002	<0.002	<0.002	1.64	<25.0	<100	0.185	7.86
B02@11'	07/09/18	11	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100	0.253	7.73
N01@10'	07/09/18	10	<0.050	<0.050	0.759	<0.050	700	1,790	669	0.163	8.06
N02@10'	07/09/18	10	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100	0.276	7.94
S01@8'	07/09/18	8	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100	0.220	8.09
S02@8'	07/09/18	8	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100	0.251	8.40
E01@10'	07/09/18	10	<0.002	<0.002	0.004	0.015	2.63	<25.0	<100	0.192	8.46
W01@10'	07/09/18	10	0.885	<0.050	4.14	14.4	1,180	2,070	818	0.106	9.06*
N03@10'	07/11/18	10	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100	0.0875	7.41
S03@10'	07/11/18	10	<0.002	<0.002	<0.002	<0.002	<0.200	31.0	<100	0.110	8.03
W02@10'	07/11/18	10	<0.002	<0.002	<0.002	<0.002	<0.200	34.1	<100	0.127	8.83
W03@10'	07/11/18	10	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100	0.167	8.24
E02@10'	07/11/18	10	<0.050	<0.050	<0.050	<0.050	5.18	46.8	<100	0.178	8.76
B03@11'	07/12/18	11	<0.050	<0.050	<0.050	<0.050	19.0	184	<100	0.131	8.95
B04@6'	07/12/18	6	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100	0.181	8.56
N04@5'	07/12/18	5	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100	0.249	8.41
S04@5'	07/12/18	5	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100	0.283	8.41
E03@5'	07/12/18	5	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100	0.266	8.39

Notes:

(1) Standards for soil are taken from 2 CCR 404-1, Table 910-1, effective January 30, 2015.

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

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.

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