

TABLE 1  
SOIL SAMPLE ANALYTICAL RESULTS  
BABCOCK 19N-33HZ TANK BATTERY  
WELD COUNTY, COLORADO  
KERR-MCGEE OIL & GAS ONSHORE LP

Sample ID	Sample Date	Sample Depth (feet bgs)	Photoionization Detector Reading (ppm)	TPH-GRO (C6-C10) Low Fraction (mg/kg)	TPH-DRO (C10-C28) High Fraction (mg/kg)	TPH-RRO (C28-C40) High Fraction (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes - total (mg/kg)	Naphthalene (mg/kg)	EC (Specific Conductance) (mmhos/cm)	pH (units)	SAR (Sodium Adsorption Ratio) (calculation)
B01@1.5'	8/12/2019	1.5	NA	5.83	<25.0	<100	<0.050	<0.050	<0.050	<0.050	<0.200	0.0442	8.06	0.76
B02@1.5'	8/12/2019	1.5	NA	<5.00	<25.0	<100	<0.050	<0.050	<0.050	<0.050	<0.200	0.0473	8.07	0.37
B03@1.5'	8/12/2019	1.5	NA	<5.00	<25.0	<100	<0.050	<0.050	<0.050	<0.050	<0.200	0.0451	6.92	0.32
BKG01@0.5'	8/12/2019	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COGCC Allowable Concentration				500			0.17	85	100	175	23	<4 or 2x background	6-9	12

Notes:

TPH = Total Petroleum Hydrocarbons  
GRO = Gasoline Range Organics (C6-C10)  
DRO = Diesel Range Organics (C10-C28)  
RRO = Residual Range Organics (C28-C36)  
mg/kg = milligrams per kilogram  
ppm = parts per million

mmhos/cm = millimhos per centimeter  
COGCC = Colorado Oil and Gas Conservation Commission  
bgs = below ground surface  
\* Sample was collected below the designated root zone (>3' bgs)  
**BOLD** = Indicates results exceeded COGCC Table 910-1 allowable concentration  
NA = Not analyzed