

**TABLE 1**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
**HSR-RADEMACHER 63N67W/30SESW**  
**WELD COUNTY, COLORADO**  
**KERR-MCGEE OIL & GAS ONSHORE LP**

Soil Sample ID	Depth (bgs)	Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	DRO (mg/kg)	GRO (mg/kg)	ORO (mg/kg)	pH (su)	Specific Conductance (mmhos/cm)
E01 @ 3'	3'	01/14/2016	0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.94	0.361
N01 @ 3'	3'	01/14/2016	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	8.01	0.385
S01 @ 3'	3'	01/14/2016	<b>0.223</b>	0.368	0.220	2.10	<25	85.4	<100	8.04	0.256
W01 @ 3'	3'	01/14/2016	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	8.04	0.383
E02 @ 3'	3'	01/21/2016	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	8.13	0.171
E03 @ 3'	3'	01/21/2016	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.94	0.145
S02 @ 3'	3'	01/21/2016	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.79	0.267
W02 @ 3'	3'	01/21/2016	<0.002	<0.002	<0.002	<0.002	45	<0.200	<100	8.16	0.324
W03 @ 3'	3'	01/21/2016	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	8.37	0.197
<b>COGCC Allowable Levels</b>			<b>0.17</b>	<b>85</b>	<b>100</b>	<b>175</b>	<b>500*</b>	<b>500*</b>	<b>500*</b>	<b>6-9</b>	<b>4</b>

Notes: bgs - below ground surface  
COGCC - Colorado Oil and Gas Conservation Commission  
DRO - diesel range organics  
GRO - gasoline range organics  
mg/kg - milligrams per kilogram  
mmhos/cm - millimhos per centimeter

NA - not analyzed/not available  
ORO - oil range organics  
su - standard units  
\* - Standard applies to combined DRO-GRO-ORO  
< - less than laboratory reporting limit  
Bold indicates result exceeds allowable level



**TABLE 2**  
**GROUNDWATER ANALYTICAL AND FIELD RESULTS**  
**HSR-RADEMACHER 63N67W/30SESW**  
**WELD COUNTY, COLORADO**  
**KERR-MCGEE OIL & GAS ONSHORE LP**

Well Name	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Depth Water/ (Product Thickness) (ft bgs)
GW01	01/14/2016	<b>87.1</b>	2.0	25.7	233	4.00
<b>CGWQS</b>		<b>5</b>	<b>1000</b>	<b>700</b>	<b>1400</b>	

Notes: CGWQS - Colorado Groundwater Quality Standards  
ft bgs - feet below ground surface  
NA - not analyzed/not available  
NM - not measured

µg/L - micrograms per liter  
< - less than laboratory reporting limit  
Bold indicates result exceeds allowable level  
Excavation groundwater depth is approximate

