

**TABLE 1**  
**FEHRN 16-32HZ LAND FED 13N-32HZ PRODUCED WATER RELEASE**  
**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)	VOCs <sup>(2)</sup> (mg/kg)	Acetone (mg/kg)	EC (mmhos/cm)	pH (units)	Arsenic (mg/L)
<b>COGCC standards for soil (mg/kg) <sup>(1)</sup></b>			<b>0.17</b>	<b>85</b>	<b>100</b>	<b>175</b>	<b>500</b>			<b>-</b>	<b>-</b>	<b>4 mmhos/cm or 2x BG</b>	<b>6-9</b>	<b>0.39</b>
SS01@0-3" - Inlet	05/26/17	0 - 0.25	<0.002	<0.002	<0.002	<0.004	<0.100	<25.0	<100	ND	ND	1.21	8.11	-
SS02@0-6" - Outlet	05/26/17	0 - 0.5	<0.002	<0.002	<0.002	<0.004	<0.100	<25.0	<100	ND	ND	0.472	7.98	-
SESE 10-1N-63W (Soil)	05/30/17	surface	<0.002	<0.002	<0.002	<0.004	-	-	-	ND	0.0227	0.789	8.96	-
SESE 10-IN-63W (Soil)-2	06/21/17	surface	-	-	-	-	-	-	-	-	-	-	-	<b>1.22</b>
BG02	06/21/17	surface	-	-	-	-	-	-	-	-	-	-	-	<b>1.20</b>
BG03	06/21/17	surface	-	-	-	-	-	-	-	-	-	-	-	<b>0.962</b>
BG04	06/21/17	surface	-	-	-	-	-	-	-	-	-	-	-	<b>1.15</b>
BG05	06/21/17	surface	-	-	-	-	-	-	-	-	-	-	-	<b>1.12</b>
BG06	06/21/17	surface	-	-	-	-	-	-	-	-	-	-	-	<b>1.06</b>
BG07	06/21/17	surface	-	-	-	-	-	-	-	-	-	-	-	<b>0.926</b>
BG08	06/21/17	surface	-	-	-	-	-	-	-	-	-	-	-	<b>1.24</b>
SESE 10-1N-63W (TPH)	09/01/17	surface	-	-	-	-	0.180	36.9	102	-	-	-	-	-

**Notes:**

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

(2) Standard list of EPA Method 8260 constituents not listed individually in the analytical summary table due to concentrations below the analytical reporting limit.

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

VOCs = Volatile Organic Compounds

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.

ND = Concentration below analytical reporting limit.

- = Constituent not analyzed

**TABLE 2**  
**FEHRN 16-32HZ LAND FED 13N-32HZ PRODUCED WATER RELEASE**  
**WATER SAMPLE RESULTS SUMMARY TABLE**  
**KERR-McGEE OIL AND GAS ONSHORE LP**

Sample Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	VOCs <sup>(2)</sup> (µg/L)
<b>COGCC Standards for groundwater (µg/L) <sup>(1)</sup></b>		<b>5</b>	<b>560</b>	<b>700</b>	<b>1,400</b>	<b>-</b>
SESE 10-1N-63W (Pond)	05/30/17	<1.00	<1.00	<1.00	<2.00	ND
Trip Blank	05/30/17	<1.00	<1.00	<1.00	<2.00	ND

**Notes:**

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

(2) Standard list of EPA Method 8260 constituents not listed individually in the analytical summary table.

COGCC = Colorado Oil and Gas Conservation Commission

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

µg/L = Micrograms per liter.

ft bgs = Feet below ground surface

**BOLD** = Analytical result is in exceedance of COGCC Table 910-1 groundwater standards.

ND = Concentration below analytical reporting limit.