

KERR-McGEE OIL & GAS ONSHORE, LP  
 2014 ANNUAL PROJECT SUMMARY TABLE  
 Tasman Geosciences, LLC

Incident Date	Remediation No.	Site Name	API / Facility ID	Status	NFA Proposed	NFA Approved Date	2014 Site Summary (monitoring/remediation/wells installed or destroyed)	Wells Sampled (Last Quarter) 2014	Wells Exceeding 5 µg/L Benzene (Last Quarter Sampled 2014)	Benzene Range (µg/L) (Last Quarter Sampled 2014)	POC Established	2015 Recommendations	Well Reduction Request
2/18/2014	N/A	Fort St. Vrain #2, PSC 34-9	05-123-10161	Monitoring	No	N/A	Quarterly groundwater monitoring since February 2014	BH01, BH02, BH03, BH04	N/A	ND	Yes	Continue Quarterly groundwater monitoring - (1 more event) / Request NFA when closure criteria are met	No

received 09/15/2015  
 Spill 445076  
 Document 2525949

**TABLE 1**  
**FT ST VRAIN 2, PSC 34-9**  
**2014 GROUNDWATER SAMPLE RESULTS SUMMARY TABLE**  
**KERR-McGEE OIL AND GAS ONSHORE LP**

Sample ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
<b>COGCC standards for groundwater (ug/L) <sup>(1)</sup></b>		<b>5</b>	<b>560</b>	<b>700</b>	<b>1,400</b>
GW01	2/18/2014	<b>13.3</b>	11.0	14.7	71.4
GW02	2/19/2014	<b>12.3</b>	12.8	13.3	67.9
BH01	4/28/2014	<1.0	<1.0	<1.0	<1.0
BH01	7/24/2014	<1.0	<1.0	<1.0	<1.0
BH01	10/17/2014	<1.0	<1.0	<1.0	<1.0
BH02	4/28/2014	<1.0	<1.0	<1.0	<1.0
BH02	7/24/2014	<1.0	<1.0	<1.0	<1.0
BH02	10/17/2014	<1.0	<1.0	<1.0	<1.0
BH03	4/28/2014	<1.0	<1.0	<1.0	<1.0
BH03	7/24/2014	<1.0	<1.0	<1.0	<1.0
BH03	10/17/2014	<1.0	<1.0	<1.0	<1.0
BH04	4/28/2014	<1.0	<1.0	<1.0	<1.0
BH04	7/24/2014	Well Not Found			
BH04	10/17/2014	<1.0	<1.0	<1.0	<1.0

**Notes:**

1. Standards for groundwater are taken from 2 CCR 404-1, Table 910-1, effective February 1, 2

COGCC = Colorado Oil and Gas Conservation Commission

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

ug/L = Micrograms per liter.

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



Surface Drainage

BH04	
Compound	10/17/2014 (ug/L)
Benzene	<1.0
Toluene	<1.0
Ethylbenzene	<1.0
Total Xylenes	<1.0

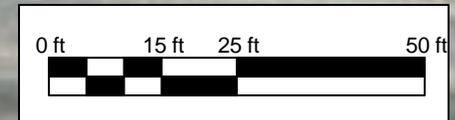
BH01	
Compound	10/17/2014 (ug/L)
Benzene	<1.0
Toluene	<1.0
Ethylbenzene	<1.0
Total Xylenes	<1.0

BH03	
Compound	10/17/2014 (ug/L)
Benzene	<1.0
Toluene	<1.0
Ethylbenzene	<1.0
Total Xylenes	<1.0

BH02	
Compound	10/17/2014 (ug/L)
Benzene	<1.0
Toluene	<1.0
Ethylbenzene	<1.0
Total Xylenes	<1.0



Image Source:  
Google Earth 2014



DRAWN BY: KF

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DATE: 4/16/15

**Facility Diagram**  
 Kerr-McGee Oil and Gas Onshore, LP  
 Ft St Vrain 2, PSC 34-9  
 SWSE S9 T3N R67W  
 Weld County, CO

 **TASMAN** 6899 Pecos St., Unit C  
 GEOSCIENCES Denver, CO 80221

**LEGEND**

-  Earthen Berm
-  Approximate Area Of Release
-  Groundwater Monitoring Location
-  Approximate Excavation Extent

Figure 1