

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
4/10/2014	N/A	Hanks Pooling Unit 1	05-123-07246	Assessment / remediation	No	N/A	Initiated excavation of source material - April 2014 / Site characterization - May 2014 / Developed chemical oxidant treatment remedial strategy	N/A	N/A	N/A	No	Complete insitu chemical oxidation treatment of soil and groundwater / Installation of monitoring wells / Conduct groundwater monitoring events (as necessary)	N/A

Received 09/15/2015
 Project 9246
 Spill 443193
 Document #: 2211675

**TABLE 1
HANKS POOLING UNIT 1
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)
COGCC Table 910-1 Groundwater Standard (ug/L) ⁽¹⁾		5	560	700	1,400
GW01	4/10/2014	1,745	8.7	330	1,851

Notes:

1. Groundwater standards referenced from 2 CCR 404-1, Table 910-1, effective February 1, 2014.

COGCC = Colorado Oil and Gas Conservation Commission

ug/L = Micrograms per liter

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

BOLD= Analytical result is in exceedance of COGCC groundwater standards.



Surface
Drainage



KP Kauffman
Sump



1,745
GW01



KP Kauffman
Production Tanks

* Excavation extent
illustrated in Form 19 was
refined and corrected.

Image Source:
Google Earth 2014

Benzene Concentrations Listed Above Sample ID.
TPH Concentrations Listed Below Sample ID.
Soil concentrations in mg/kg
Groundwater concentrations in ug/L



WORK ORDER #: 88527175

DRAWN BY: CAW

DATE: 11/21/2014

Kerr-McGee Oil and Gas Onshore, LP
Hanks Pooling Unit 1
SWSW S34 T2N R67W
Weld County, CO



6899 Pecos St., Unit C
Denver, CO 80221

LEGEND

- Approximate Excavation Extent *
- Approximate Release Location
- Approximate Proposed Chemox and GAC Remedial Treatment Area
- Kerr-McGee Buried Lines
- Exposed KPK Buried Lines

FIGURE 2

PROPOSED
REMEDIAL
TREATMENT AREA