

RECEIVED

MAY 09 2014

COGCC



Kerr-McGee Oil & Gas Onshore LP
1099 18th Street, Suite 1800
Denver, Colorado 80202
720-929-6000 Fax 720-929-7000

May 9, 2014

Mr. Rick Allison
Colorado Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801
Denver, CO 80203

**RE: 2013 Annual Project Summary Report
Kerr-McGee Oil & Gas Onshore LP**

Dear Mr. Allison:

Enclosed please find a copy of the 2013 Annual Project Summary Report. As per the attached LT Environmental (LTE) cover letter, this 2013 Annual Project Summary Report consists of the Assessment/Remediation Project Inventory Table, site diagrams and historic groundwater laboratory analytical and field results tables. Please note that the attached LTE cover letter references 2 requests for groundwater monitoring well reduction for your review and response.

Feel free to contact me at 970-515-1161 if you have any questions regarding this information.

Sincerely,

Kerr-McGee Oil & Gas Onshore LP

A handwritten signature in black ink, appearing to read 'Phil Hamlin'.

Phil Hamlin
Sr. HSE Representative

Attachments



May 9, 2014

Mr. Phillip Hamlin
Senior Staff HSE Representative
Kerr-McGee Oil & Gas Onshore LP
1099 18th Street, Suite 1800
Denver, Colorado 80202

RE: Kerr-McGee Oil & Gas Onshore LP 2013 Annual Project Summary Report

Dear Mr. Hamlin:

LT Environmental, Inc. (LTE), under contract to Kerr-McGee Oil & Gas Onshore LP, is pleased to provide you with a copy of the 2013 Annual Project Summary Report. This 2013 Annual Project Summary Report consists of the 2013 Annual Project Summary Table, which provides the individual site incident date, the Colorado Oil and Gas Conservation Commission (COGCC) Remediation Number, well name, site status, review of the groundwater analytical data with respect to the Colorado Groundwater Quality Standards (CGWQS) and recommendations for no further action (NFA), ongoing quarterly groundwater monitoring, groundwater monitoring well reduction and/or additional soil and groundwater assessment activities to be conducted during 2014. Site maps (Figure 1), groundwater analytical summary tables (Table 1) and where appropriate, soil and/or surface water analytical summary tables (Table 2) are also provided for each site.

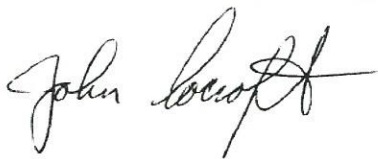
Based on review of the 2013 Annual Project Summary Report, two sites warrant groundwater monitoring well reduction. These sites show the benzene, toluene, ethylbenzene and total xylenes (BTEX) concentrations to be below the CGWQS for three or more quarterly groundwater sampling events in one or more groundwater monitoring wells. A list of the sites and associated groundwater monitoring wells that well reduction is being requested for are listed below:

- Geib 17-26, Vetting 1-26 (Remediation #5847)
MW05 and MW06
- Herbster 3-35 (Remediation #7806)
MW01, MW02, MW03, and MW04

Please contact me at (303) 962-5504 if you have any questions regarding this 2013 Annual Project Summary Report or require additional information.

Sincerely,

LT ENVIRONMENTAL, INC.

A handwritten signature in black ink, appearing to read "John E. Cocroft". The signature is fluid and cursive, with a large, stylized initial "J" and "C".

John E. Cocroft
Senior Hydrogeologist/Project Manager

Attachments

2013 ANNUAL PROJECT SUMMARY TABLE

Incident Date	Remediation No.	Well Name	API	Status	NFA Submitted	NFA Approved Date	2013 Site Summary (monitoring/remediation/ wells installed or destroyed)	Wells Sampled (Last Quarter) 2013	Wells Exceeding 5 ug/L Benzene (Last Quarter Sampled 2013)	Benzene Range (ug/L) (Last Quarter 2013)	POC Established	2014 Recommendations	Well Reduction Request
4/12/2000	473	Alleley 31-34 #1	05-123-13105	Remediation	NO	N/A	Quarterly groundwater monitoring since May-2000. Carbon slurry (BOS 200) injection completed in Feb-2010. MW04R, MW05, and MW06 were removed from monitoring in 2011. MW09R was destroyed in Sept-2013. Carbon slurry (BOS 200) injection completed in Nov-2013. RC05 and MW12 were removed from monitoring in 2013.	MW01R3, MW02R, MW07R, MW10R3, MW11	MW10R3, MW11	ND - 1,110	YES	MW09R will be replaced. Carbon slurry (BOS 200) injection will be completed in 2014. Quarterly groundwater monitoring will continue.	N/A
11/30/2004	3518	Peppler 1-36	05-123-13270	Monitoring	NO	N/A	Quarterly groundwater monitoring since Feb-2005. MW20 and MW27 removed from monitoring in 2010. MW25 and MW29 removed from monitoring in 2011. MW05, MW18, MW21, and MW22 destroyed Oct-2013. Additional historical impacted soil was excavated during Dec-2013/Jan-2014 tank battery construction activities. Carbon slurry (BOS 200) was applied to the excavation groundwater prior to backfilling.	MW01R, MW02R, MW03, MW04, MW06R, MW07, MW08R, MW10R-MW13R, MW14, MW23, MW24, MW26, MW28R, MW30, RC01	None	ND	YES	Destroyed wells MW05, MW09R and MW18 will be replaced. Quarterly groundwater monitoring will continue.	N/A
1/29/2004	3514	Bacon #1	05-123-10542	Remediation	NO	N/A	Quarterly groundwater monitoring since March-2005. MW05, MW16, MW18, MW19, MW25, MW26, and MW27 were removed from monitoring in 2010. MW15 and MW24 were removed from monitoring in 2011. MW04R and MW12 were removed from monitoring in 2013. MW01 destroyed June-2013. MW01R and MW11R installed July-2013. MW09R and MW20R installed Nov-2013.	MW01R, MW02, MW03R, MW09R, MW10, MW11R, MW13, MW14, MW20R, MW22, MW23, RC01	None	ND	YES	Carbon slurry (BOS 200) injection will be completed in 2014. Quarterly groundwater monitoring will continue.	N/A
6/26/2008	4369	Wass #5	05-123-13781	NFA	NO	N/A	Quarterly groundwater monitoring since April-2010. MW12, MW13, and MW14 were removed from monitoring in 2013.	MW01-MW14 (July-2013) Wells not sampled since July-2013. Pending NFA Request.	None	ND	YES	NFA request will be submitted. Monitoring wells will be abandoned upon NFA approval.	N/A
7/17/2009	4856	Brantner #1, Brantner #3, Boulder 17-34	05-123-11019	Assessment/ Remediation	NO	N/A	Quarterly groundwater monitoring since Sept-2009.	MW02R-MW10	MW02R	ND - 4,220	YES	Additional monitoring wells will be installed north of MW09 and west of MW08 to confirm POC. Air sparging pilot test will be conducted in 2014. Quarterly groundwater and surface water monitoring will continue.	N/A
2/22/2011	5847	Geib 17-26, Vetting 1-26	05-123-23457	Remediation	NO	N/A	Quarterly groundwater monitoring since April-2011.	MW01-MW06	MW01	ND - 100	YES	Carbon slurry (BOS 200) injection will be completed in 2014. Quarterly groundwater monitoring will continue.	MW05, MW06

2013 ANNUAL PROJECT SUMMARY TABLE

Incident Date	Remediation No.	Well Name	API	Status	NFA Submitted	NFA Approved Date	2013 Site Summary (monitoring/remediation/ wells installed or destroyed)	Wells Sampled (Last Quarter) 2013	Wells Exceeding 5 ug/L Benzene (Last Quarter Sampled 2013)	Benzene Range (ug/L) (Last Quarter 2013)	POC Established	2014 Recommendations	Well Reduction Request
3/5/2012	7683	Bacon 2, Boulter 3-34XX	05-123-11036	Assessment/ Remediation	NO	N/A	Quarterly groundwater monitoring since Jan-2013. Impacted soil remains in-place beneath the gas line.	MW01-MW08	MW01, MW07	ND - 12	NO	Additional monitoring wells will be installed to establish POC. Remedial options will be evaluated in 2014. Quarterly groundwater monitoring will continue.	N/A
4/3/2012	7947	Clemons 2-3	05-123-13026	Assessment/ Remediation	NO	N/A	Quarterly groundwater monitoring since June-2013. MW01-MW04 installed May-2013.	MW01-MW04	MW03	ND - 401	NO	Additional monitoring wells will be installed down-gradient of MW03 to establish POC. Remedial options will be evaluated once additional site assessment is completed. Quarterly groundwater monitoring will continue.	N/A
11/15/2012	7806	Herbster 3-35	05-123-13017	Assessment	NO	N/A	Quarterly groundwater monitoring since March-2013. MW01-MW04 installed Feb-2013. The site monitoring wells were surveyed in Oct-2013.	MW01-MW04	None	ND	NO	New source and POC monitoring wells will be installed southeast of the former excavation based on the surveyed groundwater flow direction. Quarterly groundwater monitoring will continue.	MW01, MW02, MW03, MW04
2/5/2013	8241	Lind 10-6	05-123-25708	Monitoring	NO	N/A	Quarterly groundwater monitoring since July-2013. MW01-MW04 installed July-2013. The site monitoring wells were surveyed in Dec-2013. MW01 was removed from monitoring in Feb-2014 based on the surveyed groundwater flow direction.	MW01-MW04	None	ND	YES	An additional monitoring well will be installed east of the former excavation to confirm POC. Quarterly groundwater monitoring will continue. Potential NFA.	N/A
12/16/2013	Not Avail	Sitzman 13-33, Ehrlich 19-33	05-123-13567	Assessment	NO	N/A	Impacted soil was excavated. Groundwater was encountered in the excavation.					Groundwater monitoring wells will be installed during the first half of 2014. Quarterly groundwater monitoring will be conducted.	N/A

Notes:

N/A - Not Applicable
 ND - Non-Detect
 NFA - No Further Action
 POC - Point of Compliance