

1R - 415

APPROVALS

YEAR(S):

2009

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Tuesday, December 08, 2009 5:56 PM
To: 'Pence, Britt'
Cc: Painter, Newt; 'Patrick McMahon'; Leking, Geoffrey R, EMNRD
Subject: RE: Remediation Plan (1R415) Further Delineation - Vanguard Abo SWD G-1 Site

**RE: Soil Investigation Work Plan Approval
for the Vanguard
Abo G-1 Release Site (1R415)
Unit Letter G, Section 1, T17S, R36E, NMPM, Lea County, New Mexico**

Dear Mr. Henry:

The New Mexico Oil Conservation Division (OCD) has reviewed the submitted proposed Soil Investigation Work Plan, dated December 8, 2009, for the above-referenced site. The OCD hereby conditionally approves the work plan:

Vanguard Natural Resources, LLC, must submit to the OCD the Soil Investigation Report within 90 days. (The OCD will then determine if termination of the regulatory file is warranted.)

Please be advised that OCD approval of this work plan does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

If you have questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau

From: Pence, Britt [mailto:bpence@vnrlc.com]
Sent: Tuesday, December 08, 2009 10:28 AM
To: Hansen, Edward J., EMNRD
Cc: Painter, Newt
Subject: RE: Remediation Plan (1R415) Further Delineation - Vanguard Abo SWD G-1 Site

Dear Mr. Hansen,

Attached (and original mailed) is a proposed plan for the boring that is recommended. Please, review this proposal and let me know if you are in agreement.

Thanks,

Britt Pence

Britt Pence

Vanguard Natural Resources, LLC
Vice President Engineering
(832) 327-2252 Work
(832) 788-1662 Mobile
(713) 465-8189 Home
bpence@vnrllc.com
7700 San Felipe, Suite 485
Houston, Texas 77063

From: Hansen, Edward J., EMNRD [mailto:edwardj.hansen@state.nm.us]
Sent: Monday, November 30, 2009 11:12 AM
To: Pence, Britt
Cc: Patrick McMahon; Leking, Geoffrey R, EMNRD
Subject: RE: Remediation Plan (1R415) Further Delineation - Vanguard Abo SWD G-1 Site

Dear Mr. Pence:

There is another option the New Mexico Oil Conservation Division (OCD) could consider for the below-referenced site to demonstrate that there has been no impact to groundwater. In lieu of the option below, Vanguard may install one boring between the Confirmatory boring of 2006 and SB-1. The soils of the boring must be sampled and tested for chloride in five-foot intervals to a depth of at least 50 feet or when three consecutive samples are at 250 mg/Kg or less, whichever is deeper. Vanguard would then submit the results to the OCD for possible site closure determination. However, if groundwater is encountered, then Vanguard must install a groundwater monitoring well.

If you have any questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau

From: Hansen, Edward J., EMNRD
Sent: Monday, January 12, 2009 4:25 PM
To: 'Hack Conder'
Cc: Price, Wayne, EMNRD; Johnson, Larry, EMNRD; 'Katie Lee'; 'Patrick McMahon'
Subject: Remediation Plan (1R415) Further Delineation

**RE: "Closure Report Addendum"
for the Rice Operating Company's
Abo SWD G-1 Site
Unit Letter G, Section 1, T17S, R36E, Lea County, New Mexico
Remediation Plan (1R415) Further Delineation**

Dear Mr. Conder:

The New Mexico Oil Conservation Division (OCD) has received the closure report addendum for the Abo SWD G-1 Site, dated October 21, 2008, and has conducted a review of the report addendum. The closure report addendum, submitted for the above reference site, indicates that the Rice Operating Company (ROC) has not completed the closure requirements. Therefore, the OCD hereby cannot approve the request for closure for above-referenced site, dated October 21, 2008, in accordance with 19.15.29 NMAC (formerly, Rule 116). Due to the environmental sensitivity of this site (i.e., located within the City of Lovington's drinking water well field), the OCD is requiring the following:

ROC shall install an additional groundwater monitoring well downgradient of the site to further delineate the release. The well should be located at a distance from the downgradient edge of the release site that is the estimated aquifer travel distance over four years.

The three groundwater monitoring wells must be sampled for the next four consecutive quarters. The groundwater must be analyzed for chloride, TDS and BTEX.

ROC shall submit a report to the OCD with the results of the delineation within 90 days of completion of the four additional sampling events for review. The report must include a cross-section(s) of the site with the chloride concentrations indicated in the vadose zone and groundwater.

If you have any questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau

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Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Friday, October 02, 2009 3:53 PM
To: 'Pence, Britt'
Subject: RE: ABO G-1 Extension (1R0415)

Dear Mr. Pence:

The New Mexico Oil Conservation Division (OCD) has reviewed your request for extension of the additional delineation for the above-referenced site (1R-415). The OCD hereby approves the request for extension of the additional delineation until Thursday, December 31, 2009.

Also, please be advised that OCD approval of this extension does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

If you have questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau

From: Pence, Britt [mailto:bpence@vnrllc.com]
Sent: Friday, October 02, 2009 10:14 AM
To: Hansen, Edward J., EMNRD
Subject: RE: ABO G-1 Extension (1R0415)

Dear Mr. Hansen,

I am requesting a 90 day extension for the additional delineation at G-1 requested from the NMOCD. Rice Operating Company (ROC) resigned as operator of the Abo SWD System and Vanguard Permian, LLC (Vanguard) has taken over as operator effective October 1, 2009. Vanguard will need this time to evaluate the requested delineation and implement the appropriate action. Please, contact me if you have any questions or concerns.

Also, I hope to get a letter out today with a proposed CAP for the F-31 site.

Sincerely,

Britt

Britt Pence
Vanguard Natural Resources, LLC
Vice President Engineering
(832) 327-2252 Work
(832) 788-1662 Mobile
(713) 465-8189 Home
bpence@vnrllc.com
7700 San Felipe, Suite 485
Houston, Texas 77063

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Wednesday, June 03, 2009 5:48 PM
To: 'Hack Conder'
Cc: 'Katie Jones'; Jones, Brad A., EMNRD
Subject: RE: AB0 G-1 Extension (1R0415)

Dear Mr. Conder:

The New Mexico Oil Conservation Division (OCD) has reviewed your request for extension of the additional delineation for the above-referenced site (1R-415). The OCD hereby approves the request for extension of the additional delineation until Tuesday, September 1, 2009.

Also, please be advised that OCD approval of this extension does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

If you have questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau

From: Hack Conder [mailto:hconder@riceswd.com]
Sent: Wednesday, June 03, 2009 3:48 PM
To: Hansen, Edward J., EMNRD
Cc: 'Katie Jones'
Subject: AB0 G-1 Extension (1R0415)

Ed,

I am requesting a 90 day extension for the additional delineation requested from NMOCD dated 1-12-09, installation of a down gradient MW. We are currently conferring with system parties to install this well. I do believe that we will be able to resolve these issues in this time frame. If you have any questions or concerns please contact me.

Hack Conder
Environmental Manager
Rice Operating Company
575-393-9174
fax 575-397-1471

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Monday, March 23, 2009 1:58 PM
To: 'Hack Conder'
Cc: Marvin Burrows; 'Katie Jones'; Jones, Brad A., EMNRD
Subject: RE: Remediation Plan (1R415) Further Delineation

**RE: "Closure Report Addendum"
for the Rice Operating Company's
Abo SWD G-1 Site
Unit Letter G, Section 1, T17S, R36E, Lea County, New Mexico
Remediation Plan (1R415) Further Delineation**

Dear Mr. Conder:

The New Mexico Oil Conservation Division (OCD) has reviewed your request for extension for further delineation. The OCD hereby approves the request for extension for further delineation at the Abo SWD G-1 site (1R-415) until the second quarter of 2009.

Also, please be advised that OCD approval of this extension does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

If you have questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau

From: Hack Conder [mailto:hconder@riceswd.com]
Sent: Monday, March 23, 2009 1:51 PM
To: Hansen, Edward J., EMNRD; Jones, Brad A., EMNRD
Cc: Marvin Burrows; 'Katie Jones'
Subject: RE: Remediation Plan (1R415) Further Delineation

Brad and Ed,

In the last quarterly meeting in Santa Fe, Roc stated we would ask for an extension to complete the further delineation requirements from the NMOCD dated 1-12-09. We are currently working with the systems partners for a path forward on 1R415 ABO G-1. Therefore we are requesting an extension. If you have any questions regarding this matter, please contact me at 575-393-9174.

Hack Conder
Environmental Manager
Rice Operating Company
575-393-9174
fax 575-397-1471

From: Hansen, Edward J., EMNRD [mailto:edwardj.hansen@state.nm.us]
Sent: Monday, January 12, 2009 4:25 PM
To: Hack Conder

Cc: Price, Wayne, EMNRD; Johnson, Larry, EMNRD; Katie Lee; Patrick McMahon
Subject: Remediation Plan (1R415) Further Delineation

**RE: "Closure Report Addendum"
for the Rice Operating Company's
Abo SWD G-1 Site
Unit Letter G, Section 1, T17S, R36E, Lea County, New Mexico
Remediation Plan (1R415) Further Delineation**

Dear Mr. Conder:

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The three groundwater monitoring wells must be sampled for the next four consecutive quarters. The groundwater must be analyzed for chloride, TDS and BTEX.

ROC shall submit a report to the OCD with the results of the delineation within 90 days of completion of the four additional sampling events for review. The report must include a cross-section(s) of the site with the chloride concentrations indicated in the vadose zone and groundwater.

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Edward J. Hansen
Hydrologist
Environmental Bureau

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