

1R - 427-87

APPROVALS

YEAR(S):

2007

Hansen, Edward J., EMNRD

1R 427-87

From: Hansen, Edward J., EMNRD
Sent: Monday, May 07, 2007 7:07 PM
To: 'Kristin Pope'
Cc: Carolyn Haynes; Scott Curtis; Haskell Conder; Price, Wayne, EMNRD
Subject: RE: EME H-20 excavation Backfill approval

Approvals
 2007

Dear Ms. Pope:

The New Mexico Oil Conservation Division (NMOCD) has reviewed your request for approval to backfill excavation (dated April 23, 2007 and subsequent information dated April 30, 2007) for the above referenced site. The NMOCD hereby approves the backfill request with the conditions:

- 1) The proposed backfilling shall be initiated by June 1, 2007, at the site.
- 2) The 1 foot clay layer shall be compacted to at least 95% standard Proctor density. The top 5 feet of soil shall be compacted from 80% to 90% standard Proctor density.
- 3) Rice Operating Company must submit a monthly summary report(s) for the site, including a backfilling completion report, a proposal for additional groundwater monitoring wells, analytical results from any samples taken at the site, etc. Upon review of the report(s), the NMOCD will determine if the submittal of an Abatement Plan will be required for the site.

Please be advised that NMOCD approval of this 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, NMOCD approval does not relieve the owner/operator of responsibility for compliance with any NMOCD, federal, state, or local laws and/or regulations.

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

Edward J. Hansen
 Hydrologist
 Environmental Bureau

From: Kristin Pope [mailto:kpope@riceswd.com]
Sent: Monday, May 07, 2007 4:16 PM
To: Hansen, Edward J., EMNRD; Price, Wayne, EMNRD
Cc: Carolyn Haynes; Scott Curtis; Haskell Conder
Subject: EME H-20 excavation

Edward & Wayne,

Per our phone conversation today, ROC requests approval to backfill the redwood tank excavation at the EMMA HE-20 site per the schematic outlined in the 4/23/07 letter. COD has been notified of elevated TADS and chloride concentrations measured in the on-site monitoring well and ROC will continue to monitor and investigate groundwater quality that may be affected by this site. A complete excavation report will be forthcoming with the understanding that the groundwater conditions make this site an open project. COD will be notified of all significant events. Thank you for your attention to this project.

Kristin Farris Pope
 Project Scientist

5/7/2007

RICE Operating Company
Hobbs, New Mexico
(505) 393-9174

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5/7/2007

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Wednesday, October 03, 2007 4:19 PM
To: 'Kristin Pope'; lpg@texerra.com
Cc: Pete Galusky; Price, Wayne, EMNRD
Subject: RE: H-20 Survey with proposed well sites - 1R427-87

Kristin,

Thank you for faxing the revised site map for the above-referenced site. The proposed locations for the new monitoring wells (the upgradient and the additional downgradient) as indicated on the revised site map are acceptable to the OCD. However, please keep in mind that additional groundwater monitoring wells may be required to delineate the extent of the release.

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

Edward J. Hansen
 Hydrologist
 Environmental Bureau

From: Kristin Pope [mailto:kpope@riceswd.com]
Sent: Wednesday, October 03, 2007 1:38 PM
To: lpg@texerra.com; Hansen, Edward J., EMNRD
Cc: Pete Galusky
Subject: Re: H-20 Survey with proposed well sites - 1R427-87

Ed,

I faxed you the map showing the new location of MW-3 drawn 30 ft North of the original proposal.

KP

----- Original Message -----

From: L. Peter Galusky, Jr. P.E.
To: lpg@texerra.com ; Kristin Pope ; Hansen, Edward J., EMNRD
Cc: Pete Galusky
Sent: Tuesday, October 02, 2007 5:09 PM
Subject: Re: H-20 Survey with proposed well sites - 1R427-87

Kristin,

As we discussed today, please only move the proposed location of the downgradient well north by 30 ft. The proposed location of the upgradient well should remain the same.

Thanks.

Pete G.

"L. Peter Galusky, Jr. P.E." <lpg@texerra.com> wrote:

| Kristin, Edward,

| We could rotate the axis of the line between these wells so that it points more toward the
 | southeast than to the south/southeast, as the locations are presently flagged. Thus, I would move
 | the proposed downgradient well north about 30 ft and the proposed upgradient well south

10/3/2007

enough (it will be more than 30 ft) so that there is a nice straight line between the three wells.. Also, the upgradient well can probably be brought closer to MW-1, but I do like keeping it out of the way of truck access.

Please call to cuss or discuss.

Thanks.

Pete G.
Cell: 432-634-9257

Kristin Pope <kpope@riceswd.com> wrote:

Thanks, Edward. We will be able to place this well about 30 ft North of the proposed site.

Kristin

----- Original Message -----

From: Hansen, Edward J., EMNRD

To: Kristin Pope

Cc: Price, Wayne, EMNRD ; L. Peter Galusky, Jr. P.E.

Sent: Monday, October 01, 2007 2:05 PM

Subject: RE: H-20 Survey with proposed well sites - 1R427-87

Dear Ms. Pope:

The NMOCD has reviewed the submitted Investigation Characterization Plans (ICP), dated August 29, 2007, and the revised site map of September 28, 2007, for the above referenced site. The NMOCD hereby conditionally approves the following ICP for the Rice Operating Company site:

1. EME SWD H-20 submitted by Texerra on 9/6/2007 - #1R427-87

In addition to the analyses listed in the ICP, please include the analysis for "general chemistry", including TDS and sulfate for groundwater sampling.

Also, the groundwater monitoring well, MW-3, should be located to obtain representative samples downgradient of the excavation. Please submit a revised map to reflect the new location of MW-3 prior to installation.

Also, please be advised that NMOCD approval of these plans 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, NMOCD 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

P.S.: Please use the referenced OCD case # on future correspondence regarding the site listed above.

10/3/2007

From: Kristin Pope [mailto:kpope@riceswd.com]
Sent: Friday, September 28, 2007 8:07 AM
To: Hansen, Edward J., EMNRD
Cc: Pete Galusky
Subject: H-20 Survey with proposed well sites

Ed,

Here are the proposed MW locations we discussed yesterday per the ICP submitted by Pete Galusky. What do you think? We hope for approval of the ICP before drilling on Wednesday. Thanks.

Kristin Farris Pope
Project Scientist
RICE Operating Company
Hobbs, New Mexico
(505) 393-9174

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10/3/2007

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Monday, October 01, 2007 2:06 PM
To: 'Kristin Pope'
Cc: Price, Wayne, EMNRD; 'L. Peter Galusky, Jr. P.E.'
Subject: RE: H-20 Survey with proposed well sites - 1R427-87

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Edward J. Hansen
Hydrologist
Environmental Bureau

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To: Hansen, Edward J., EMNRD
Cc: Pete Galusky
Subject: H-20 Survey with proposed well sites

Ed,

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Kristin Farris Pope

10/1/2007

Project Scientist
RICE Operating Company
Hobbs, New Mexico
(505) 393-9174

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10/1/2007