

AP - 83

**APPROVALS**

**YEAR(S):**

2008

**Hansen, Edward J., EMNRD**

**From:** Hansen, Edward J., EMNRD  
**Sent:** Monday, June 02, 2008 6:47 PM  
**To:** Marvin Burrows  
**Cc:** Hack Conder; Price, Wayne, EMNRD; 'lpg@texerra.com'  
**Subject:** RE: Texerra projects for Rice Operating Company : Action Items  
**Attachments:** ROC NMOCD Meeting 04 16 08 action items.doc

Dear Mr. Burrows:

To formalize the verbal approvals given at our meeting of April 16, 2008 and to formally comment on other ROC issues, I am sending the attached.

Please let me know if you have any questions regarding these issues.

Edward J. Hansen  
Hydrologist  
Environmental Bureau  
Oil Conservation Division  
505-476-3489

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**From:** L. Peter Galusky, Jr. P.E. [mailto:lpg@texerra.com]  
**Sent:** Monday, May 05, 2008 4:40 PM  
**To:** Hansen, Edward J., EMNRD  
**Cc:** Kristin Pope; Hack Conder  
**Subject:** Texerra projects for Rice Operating Company : Action Items

Dear Edward,

Please find attached a list of action items for my company's projects with Rice Operating Company as we discussed during our meeting in Santa Fe on April 16th. I have indicated in these summaries my recollection of your recommendations and decisions for each project.

I respectfully request your approval of these action items by return e-mail or letter.

Please do not hesitate to call me if you have any questions about any of these projects.

Thank you.

Sincerely,

Pete G.

L. Peter Galusky, Jr. Ph.D.  
Principal  
Texerra

6/2/2008

**Rice Operating Company  
NMOCD Meeting – 4/16/08  
Texerra Projects**

**In Attendance:**

Scott Curtis, Rice Operating Company  
Hack Condor, Rice Operating Company  
Kristin Pope, Rice Operating Company  
Pat Wise, City of Lovington  
Patrick McMahan, City of Lovington  
Edward Hansen, NMOCD  
Glenn von Gonten, NMOCD  
Randy Hicks, R.T. Hicks Consultants  
David Hamilton, R.T. Hicks Consultants  
Peter Galusky, Texerra

**Summary of Action Items (with OCD responses – June 2, 2008)**

**ABO F-31 SWD.** We requested approval of Texerra's ICP by NMOCD & City of Lovington upon mutual agreement on pertinent details. Edward Hansen indicated that ROC should submit a letter to NMOCD (copy to the City of Lovington) stating that they will do a transite pipe assessment as well as a NORM evaluation. This letter can/should be separate from the proposed ICP.

OCD re-approved the ICP as a result of the receipt of the above-mentioned letter and the meeting with the City, ROC and OCD.

**VAC N-6-1 Junction Box.** NMOCD Case Number 1R0470. We are presently operating under an NMOCD approved CAP (... deferred from Rule 19). We requested from NMOCD permission to continue removing Cl-contaminated groundwater through the 1st quarter of 2009 (if necessary). We will analyze results internally/informally on a quarterly basis and report results and prognosis formally by March 31st, 2009 (... sooner if results are positive). Edward Hansen gave verbal approval to proceed as we requested. OCD hereby approves the above-stated actions at this site with the condition that informal quarterly reports are submitted to the OCD.

**VAC K-35-1 Boot (& Junction Box).** NMOCD Case Number. We are presently operating under NMOCD approved CAP (... deferred from Rule 19). We recently installed a 4 inch diameter recovery well and will be installing a solar powered pumping & storage system similar to the one operating at VAC N-6-1. We requested from NMOCD permission to removing Cl-contaminated groundwater through the 1st quarter of 2009 (if necessary). We will analyze results internally/informally on a quarterly basis and report results and prognosis formally by March 31st, 2009 (... sooner if results are positive). Edward Hansen gave verbal approval to proceed as we requested. OCD hereby approves the above-stated actions at this site with the condition that informal quarterly reports are submitted to the OCD.

**VAC E-2 Junction Box.** NMOCD Case Number 1R0425-01. We are presently operating under NMOCD approved CAP (... deferred from Rule 19). We requested approval from NMOCD to implement recently submitted Monitoring Plan in lieu of CAP. We will analyze results internally/informally on a quarterly basis and report results and prognosis formally by March 31st, 2009 (... sooner if results are positive). Edward Hansen gave verbal approval to proceed as we requested with the proviso that we install an additional monitor well mid-way between the near-source and down-gradient wells. OCD hereby approves above-stated actions at this site with the conditions that an additional groundwater monitoring well will be installed and that informal quarterly reports will be submitted to the OCD.

**EME C16(1) Pipeline Leak.** NMOCD Case Number 1R0476. We are presently monitoring groundwater chlorides on a quarterly basis and awaiting NMOCD action on a previously submitted State I Abatement Plan. We requested either approval of the State I Abatement Plan or (preferably) deferral from Rule 19 so that we may install and operate a solar powered pumping & storage system. We would then analyze results internally/informally on a quarterly basis and report results and prognosis formally by March 31st, 2009 (... sooner if results are positive). Edward Hansen suggested and gave approval to do further soil chloride delineation and to subsequently provide an estimate of groundwater chloride mass loading to NMOCD.

OCD hereby approves the above-stated actions at this site with the conditions that a groundwater chloride mass loading be submitted to the OCD by Wednesday, July 16, 2008 and that informal quarterly reports are submitted to the OCD.

**EME C16(2) Pipeline Leak.** NMOCD Case Number 1R0477. We are presently monitoring groundwater chlorides on a quarterly basis and awaiting NMOCD action on a previously submitted State I Abatement Plan. We requested either approval of the State I Abatement Plan or (preferably) deferral from Rule 19 so that we may install and operate a solar powered pumping & storage system. We would then analyze results internally/informally on a quarterly basis and report results and prognosis formally by March 31st, 2009 (... sooner if results are positive). Edward Hansen suggested and gave approval to do further soil chloride delineation and to subsequently provide an estimate of groundwater chloride mass loading to NMOCD.

OCD hereby approves the above-stated actions at this site with the conditions that a groundwater chloride mass loading be submitted to the OCD by Wednesday, July 16, 2008 and that informal quarterly reports are submitted to the OCD.

**EME State H EOL.** NMOCD Case Number 1R427-15. We submitted an ICP Report and Monitoring Plan to NMOCD on 3/20/08. We requested permission from NMOCD to implement the Monitoring Plan. We would then analyze results internally/informally on a quarterly basis and report results and prognosis formally by March 31st, 2009 (... sooner if results are positive). Edward Hansen indicated that NMOCD would like to see a second groundwater chloride analyses before making a decision on our request, and we indicated that we would provide this as soon as it is available.

OCD hereby approves the above-stated actions at this site with the condition that informal quarterly reports are submitted to the OCD.

**EME H-20 SWD.** NMOCD Case Number 1R427-87. We submitted a Corrective Action Plan to NMOCD on 3/7/08. We requested approval of proposed CAP (and deferral from Rule 19) from NMOCD. We would then analyze results internally/informally on a quarterly basis and report results and prognosis formally by March 31st, 2009 (... sooner if results are positive). Edward Hansen indicated NMOCD approval of the proposed work elements in the submitted CAP, suggesting that we adjust the proposed locations of a bio-sparge well and a monitor well to better encompass the area of concern.

OCD hereby approves above-stated actions at this site with the conditions that the CAP be amended to include new proposed locations for the bio-sparge well and groundwater monitoring well by Wednesday, July 16, 2008 and that informal quarterly reports will be submitted to the OCD.

**EME L-15-1 Vent.** NMOCD Case Number 1R427-173. We submitted an ICP Report and Closure Request to NMOCD on 3/7/08. We requested closure from NMOCD. Edward Hansen indicated that NMOCD will review this work and consider the closure request in due course.

OCD will review the ICP Report and Closure Request.

**EME State Q EOL.** NMOCD Case Number 1R427-174. We submitted an ICP Report and Closure Request to NMOCD on 3/7/08. We requested closure from NMOCD. Edward Hansen indicated that NMOCD will review this work and consider the closure request in due course.

OCD will review the ICP Report and Closure Request.

**VAC State P EOL.** ICP report. Results are similar to EME L-15-1 Vent. We are preparing an ICP Report and Closure Request. We will request project closure from NMOCD. Edward Hansen indicated that NMOCD will review this work and consider the closure request in due course.

OCD terminated this remediation plan after review of the ICP Report and Closure Request.

**New Projects.** Peter Galusky requested that NMOCD permit ROC and its consultants to conduct preliminary site assessment work (as is presently encompassed under a typical Investigation and Characterization Plan) on their own initiative (and at their own risk) without first procuring NMOCD approval. NMOCD would nevertheless be pre-notified of the general scope and nature of this work. NMOCD would also be invited to observe and would be provided with a report of the effort. Edward Hansen indicated that NMOCD would consider this request.

OCD cannot approve this plan as later proposed (i.e., an approval of a "general ICP"). OCD suggests sending a reminder to OCD 30 days after the submittal of an ICP if a response has not been given.