

1R - 484

**APPROVALS**

**YEAR(S):**

2008

**Hansen, Edward J., EMNRD**

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**From:** Hansen, Edward J., EMNRD  
**Sent:** Thursday, May 15, 2008 4:50 PM  
**To:** 'Mark Larson'  
**Cc:** 'cdoranhaynes@hotmail.com'; Price, Wayne, EMNRD  
**Subject:** RE: 1R0483 Remediation Plan Modification Request, John H. Hendrix Corporation, Elliott B-9 Tank Battery #2 and #3, Unit D (NW/4, NW/4), Section 9, Township 22 South, Range 37 East, Lea County, New Mexico

Mark,

Just to clear up some confusion: OCD's records indicate that the OCD case # for the Elliott B-9 TB #2 and #3, Unit D is [1R484](#) and the OCD case # for the Elliott B-9 TB #1, #4 and #5, Unit C is 1R483.

Hope this helps.

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**From:** Hansen, Edward J., EMNRD  
**Sent:** Thursday, May 15, 2008 4:08 PM  
**To:** 'Mark Larson'  
**Cc:** cdoranhaynes@hotmail.com; Price, Wayne, EMNRD  
**Subject:** RE: 1R0483 Remediation Plan Modification Request, John H. Hendrix Corporation, Elliott B-9 Tank Battery #2 and #3, Unit D (NW/4, NW/4), Section 9, Township 22 South, Range 37 East, Lea County, New Mexico

Dear Mr. Larson:

The New Mexico Oil Conservation Division (OCD) has reviewed your request submitted May 14, 2008 on behalf of John H. Hendrix Corporation (JHHC) for amending the approved Remediation Plan (1R483). The OCD hereby conditionally approves the proposed amendment to the Plan:

JHHC shall monitor bioremediation progress of the vapor extraction gallery on a quarterly basis. An alternate frequency may be approved once efficacy of the gallery has been established.

Please be advised that NMOCD approval of this amendment 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 any questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen  
Hydrologist  
Environmental Bureau

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**From:** Mark Larson [mailto:Mark@laenvironmental.com]  
**Sent:** Wednesday, May 14, 2008 4:37 PM  
**To:** Price, Wayne, EMNRD  
**Cc:** Hansen, Edward J., EMNRD; cdoranhaynes@hotmail.com  
**Subject:** Re: 1R0483 Remediation Plan Modification Request, John H. Hendrix Corporation, Elliott B-9 Tank Battery #2 and #3, Unit D (NW/4, NW/4), Section 9, Township 22 South, Range 37 East, Lea County, New

5/15/2008

Mexico

Dear Wayne,

This modification request is submitted to the New Mexico Oil Conservation Division (OCD) per your telephone conversation on May 13, 2008, with Ms. Carolyn Haynes of John H. Hendrix Corporation (JHHC). Per your conversation with Ms. Haynes, JHHC requests this modification to the remediation plan approved by the OCD on December 17, 2007, for minimizing the potential for fire, explosion, environmental and structural damage that may be caused by excavating under and around three (3) natural gas pipelines owned by Southern Union Gas Services. The natural gas pipelines are under pressure and buried at approximately three (3) feet below ground surface (bgs) in a right of way that crosses from east to west near the northern part of the remediation area. Two (2) pipelines are located near the north side of the right of way and the third pipeline is located approximately 18 feet south. As discussed with Ms. Haynes, JHHC will remove contaminated soil over the pipelines and install a soil vapor extraction lateral in the area between the pipelines to bioremediate residual hydrocarbons. The area north and south of the pipeline right of way will be remediated according to the OCD approved remediation plan. The soil vapor extraction lateral will be installed to about ten (10) feet bgs and constructed with a slotted PVC lateral and solid vertical risers that will be equipped with wind-activated turbines to extract soil vapors. Soil samples will be collected from the vapor extraction gallery and analyzed for total petroleum hydrocarbons (TPH) to monitor bioremediation progress and results will be submitted to the OCD. Your approval of this modification is requested. Please do hesitate to contact me if you have questions.

Mark J. Larson  
Sr. Project Manager / President  
507 N. Marienfeld St., Ste. 202  
Midland, Texas 79701  
(432) 687-0901 (office)  
(432) 687-0456 (fax)  
(432) 556-8656 (cell)  
mark@laenvironmental.com



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5/15/2008

**Hansen, Edward J., EMNRD**

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**From:** Price, Wayne, EMNRD  
**Sent:** Thursday, May 08, 2008 7:58 AM  
**To:** Mark Larson  
**Cc:** Hansen, Edward J., EMNRD; cdoranhaynes@hotmail.com; Johnson, Larry, EMNRD  
**Subject:** RE: 1R0484, Elliott B-9 Tank Battery #2 and #3 Remediation Modification, John H. Hendrix Corporation, Unit D (NW/4, NW/4), Section 9, Township 22 South, Range 37 East, Lea County, New Mexico

Ed Hansen will handle

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**From:** Mark Larson [mailto:Mark@laenvironmental.com]  
**Sent:** Wednesday, May 07, 2008 1:22 PM  
**To:** Price, Wayne, EMNRD  
**Cc:** Hansen, Edward J., EMNRD; cdoranhaynes@hotmail.com; Johnson, Larry, EMNRD  
**Subject:** Re: 1R0484, Elliott B-9 Tank Battery #2 and #3 Remediation Modification, John H. Hendrix Corporation, Unit D (NW/4, NW/4), Section 9, Township 22 South, Range 37 East, Lea County, New Mexico

Dear Wayne,

This message is submitted to the New Mexico Oil Conservation Division (OCD) on behalf of John H. Hendrix Corporation (JHHC) by Larson & Associates, Inc., its consultant, to request a modification of the remediation plan approved by the OCD for the above-referenced site on December 17, 2007. On May 5, 2008, soil remediation commenced in the pit area located north of the tank battery where three (3) active natural gas pipelines are located in a right-of-way that crosses the pit area from west to east. Southern Union Gas Services owns the gas pipeline(s) which are shown on the attached drawing south of boring BH-5. JHHC does not propose to excavate soil beneath the pipelines for risk of damaging the lines, but requests a modification of the approved remediation plan to excavate soil no closer than 5 feet of the north and south pipelines. The excavations will be completed as proposed in the approved remediation plan. Your consideration of this request is appreciated. Please contact me at as listed below if you have questions.

Sincerely,

Mark J. Larson  
Sr. Project Manager / President  
507 N. Marienfeld St., Ste. 202  
Midland, Texas 79701  
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5/12/2008