# $1R - \frac{27}{27}$

# REPORTS

# DATE:

2-20-10



CERTIFIED MAIL RETURN RECEIPT NO. 7010 0290 0003 1264 8980

August 20, 2010

Mr. Edward Hansen New Mexico Energy, Minerals, & Natural Resources Oil Conservation Division, Environmental Bureau 1220 S. St. Francis Drive Santa Fe, New Mexico 87505

#### RE: Corrective Action Report and Termination Request BD Jct. A-27 Release (1R-27) T22S-R37E-Section 27, Unit Letter A Lea County, New Mexico

Mr. Hansen:

As agent for Rice Operating Company (ROC), Trident Environmental submits the following update of the completed corrective actions performed at the above-referenced site and a request for termination. This request documents the completion of corrective actions which were performed in accordance with the NMOCD-approved *Corrective Action Plan* (May 24, 2006) and *Addendum* (May 27, 2010).

On June 10, 2010, ROC completed soil boring SB-9, located between SB-5 and SB-7. The boring was completed to a depth of 30-ft below ground surface (bgs) and confirms that the criteria for chloride delineation have been met in which three consecutive samples showed a decreasing chloride concentration with depth and the last sample at 30-ft bgs having a chloride concentration of 151 mg/kg based on field titration. Laboratory analysis confirmed the 30 ft sample at 32 mg/kg. Photographic documentation of this activity, a lithologic log with chloride concentration data, and the laboratory analytical report are included in Attachment A.

On August 4, 2010, ROC began remediation of the surface water management areas by excavating the three areas to approximately 1.5 ft bgs. The three areas were then scraped and contoured resulting in the east area measuring 480 sq ft, the middle area measuring 150 sq ft., and the west area measuring 312 sq ft. Four loads (48 yd<sup>3</sup>) were hauled to an OCD-permitted landfarm facility (Sundance Services, Inc.). The three areas were finished by removing rocks and re-seeding of the finished areas was completed on August 12, 2010. Photographic documentation of this activity and a copy of the OCD-approved *Corrective Action Plan Addendum* are included in Attachment B.

ROC is the service provider (agent) for the BD SWD System and has no ownership of any portion of pipeline, well, or facility. The BD SWD System is owned by a consortium of oil producers, System Parties, who provide all operating capital on a percentage ownership/usage basis.

ROC has met all abatement requirements in accordance with 19.15.29 NMAC, and respectfully requests termination of the regulatory file for this site.

Thank you for your consideration concerning this request for site termination. If you have any questions, please call Hack Conder at (575) 393-9174.

Sincerely,

Gilbert J. Van Deventer, PG, REM Trident Environmental

cc: Hack Conder (ROC)

# ATTACHMENT A

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#### Soil Boring SB-9

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- Photographic Documentation
- Lithologic Log
- Laboratory Analytical Report

### BD A-27 leak



drilling SB-9



SB-9 in relation to the high line wires

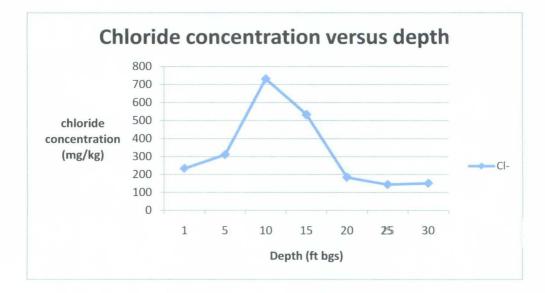


plugging SB-9 in total with bentonite



SB-9 complete

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ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: HACK CONDER 112 W. TAYLOR HOBBS, NM 88240

Receiving Date: 06/11/10 Reporting Date: 06/14/10 Project Number: NOT GIVEN Project Name: BD A-27 LEAK Project Location: BD A-27 LEAK Sampling Date: 06/10/10 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: JH Analyzed By: AB

GRO DRO

 $(C_6-C_{10})$  (> $C_{10}-C_{28}$ ) CI\* (mg/kg) (mg/kg) (mg/kg)

LAB NUMBER SAMPLE ID

ANALYSIS DATE	06/12/10	06/12/10	06/11/10
H20094-1 SB #9 @ 10'	<10.0	<10.0	800
H20094-2 SB #9 @ 30"	<10.0	<10.0	32
	11		
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	anany na mana ana ana ana ana ana ana ana ana		
Quality Control	483	444	500
True Value QC	500	500	500
% Recovery	96.6	88.8	100
Relative Percent Difference	1.8	1.1	3.9

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CI'B \*Analyses performed on 1:4 w:v aqueous extracts.

Reported on wet weight.

Chemis

#### H20094 TCL RICE

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall **Cardinal** be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hareunder by **Cardinal**, weight estimate above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.





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From:Hack ConderTo:Edward J. EMNRD HansenCc:Katie JonesSubject:NMOCD 1R-27 (BD A-27 addendum2)Date:Thursday, May 27, 2010 3:10:44 PMAttachments:figure eight.ipg

Mr. Hansen

I am requesting a addendum to the Corrective action Plan for NMOCD 1R-27 (BD A-27) dated May 24, 2006. I would like to include in paragraph two under section Recommendation for Corrective Actions the following.

Perform surface water management in three areas identified on attached figure eight( 1 to 2 feet burned areas) .Drill one confirmatory boring between soil bore 5 and soil bore 7 to minimum depth of 30 feet also shown in figure eight. The criteria to delineate in the soil boring is after three consecutive samples showing a decreasing trend of chloride (Samples taken in 5 feet intervals) and the last sample shows chloride < 250 ppm.

If you have any questions or concerns please contact me.

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

# ATTACHMENT B

#### Surface Water Management Areas

- Photographic Documentation
- Corrective Action Plan Amendment

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### **BD A-27 leak (1R27)**



scraping the surface water management areas



removing rocks



east surface water management area complete



seeding the site

08/12/2010



digging the surface water management areas



middle surface water management area complete



west surface water management area complete



raking in seed

08/12/2010







122 W. Taylor Hobbs. NM 88240 Phone (575) 393-9174 Fax (575) 397-1471

## BD A-27 leak

Legals: UL/A sec. 27 T22S R37E NMOCD Case #: 1R27 Owner: I. Boyd

	Leak extent
	Surface water management areas
	Current watertight junction box
•	Proposed soil bore
(5)	Soil bores

Drawing date 5-26-2010 Revision date Drafted by Lara Weinheimer



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#### Hansen, Edward J., EMNRD

From: Sent: To: Cc: Subject: Katie Jones [kjones@riceswd.com] Tuesday, August 24, 2010 2:37 PM Hansen, Edward J., EMNRD Hack Conder BD A-27 (1R27) CAP Report and Termination Request Additional Information

Mr. Hansen,

Between August 30-31, 2005, SB-1 through SB-8 were drilled at BD A-27 leak (1R27). Upon completion, each soil bore was plugged with bentonite (photo documentation is included below). If you have any questions or require any additional information, please contact Hack Conder at (575)631-6432.



Thank you.

Katie Jones Environmental Project Coordinator RICE Operating Company