

AP - 67

STAGE 2 REPORTS

DATE:

5-13-10



RECEIVED

MAY 17 2010

Environmental Bureau
Oil Conservation Division

CERTIFIED MAIL
RETURN RECEIPT NO. 7010 0290 0003 1264 8911

May 13, 2010

Mr. Edward Hansen
New Mexico Energy, Minerals, & Natural Resources
Oil Conservation Division, Environmental Bureau
1220 S. St. Francis Drive
Santa Fe, New Mexico 87504

RE: **Termination Request**
EME Jct. D-1 (AP-67)
T20S-R36E-Section 1, Unit Letter D
Lea County, New Mexico

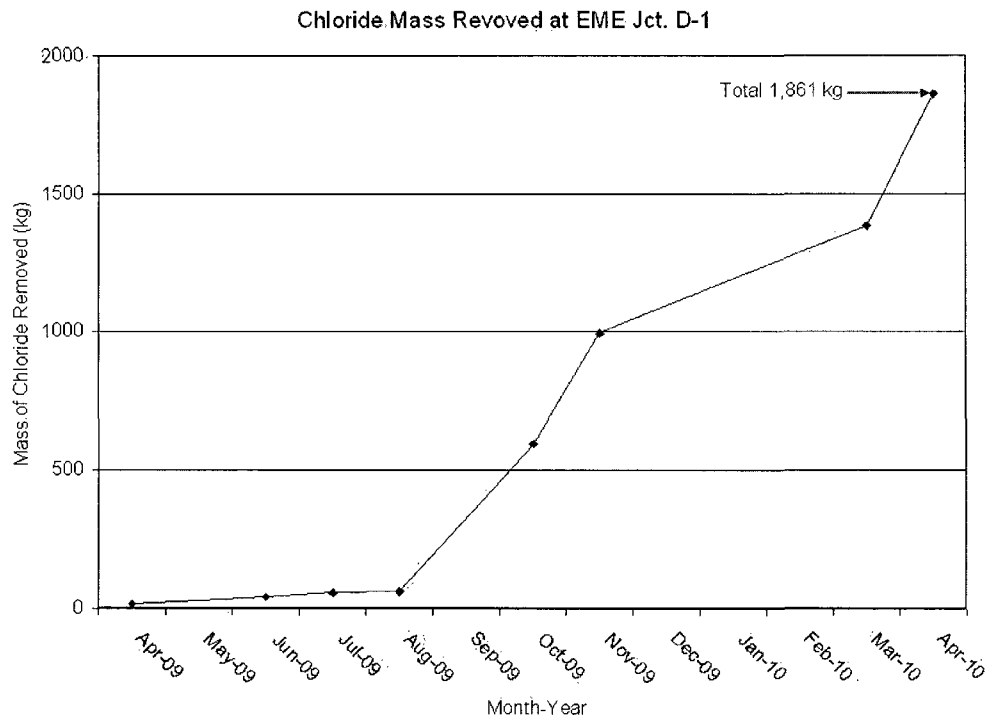
Mr. Hansen:

On behalf of Rice Operating Company (ROC), the following is an update of the completed chloride removal program which has been performed at the above-referenced site and a Termination Request. This request documents the completion of abatement actions which were performed in accordance with the NMOCD-approved Amended Stage 2 Abatement Plan.

As of April 21, 2010, a total of 45,313 gallons (1,079 barrels) of groundwater with an average chloride concentration of 10,850 mg/L has been recovered. Recovery efforts for the site continued at EME Jct. K-6 in October 2009 per NMOCD approval on September 29, 2009. The most recent laboratory analytical results for the groundwater recovered from recovery well RW-1 are attached. The groundwater recovered has resulted in the removal of 1,861 kg of chlorides. As stated in the NMOCD-approved Amended Stage 2 Abatement Plan, the goal of groundwater recovery was to remove 1,798 kg of chloride mass.

The following graph depicts the cumulative chloride mass removed since recovery operations began at the site in April 2009.

Termination Request
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T20S-R36E - Section 1, Unit Letter D



ROC is the service provider (agent) for the EME SWD System and has no ownership of any portion of pipeline, well, or facility. The EME 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 19.15.30 NMAC, and respectfully requests termination of the regulatory file for this site. Approval of this request will allow ROC to utilize the groundwater recovery system for the next available site and continue the success of their chloride mass removal program.

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

Sincerely,

Gilbert J. Van Deventer, PG, REM
Trident Environmental

cc: Hack Conder (ROC)
Buddy Hill (NMOCD-District 1)



ANALYTICAL RESULTS FOR:
RICE OPERATING COMPANY
ATTN: HACK CONDER
122 WEST TAYLOR
HOBBS, NM 88240
FAX TO: (575) 397-1471

Sampling Date: 03/06/10
Sample Type: WATER
Sample Condition: COOL & INTACT
Sample Received By: CK
Analyzed By: HM/SJ

LAB NO.	SAMPLE ID	Cl ⁻ (mg/L)	TDS (mg/L)
Analysis Date:		03/10/10	03/10/10
H19405-1	MONITOR WELL #1	9,900	21,600
H19405-2	MONITOR WELL #2	11,000	23,900
H19405-3	MONITOR WELL #3	9,400	19,900
H19405-4	RECOVERY WELL #1	10,800	23,600
Quality Control		500	NR
True Value QC		500	NR
% Recovery		100	NR
Relative Percent Difference		< 0.1	7.7
METHOD: Standard Methods, EPA		4500-Cl ⁻ B	160.1

03/11/10
Date

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 hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Cardinal Laboratories, Inc. 101 East Maryland - Hobbs, New Mexico 88240 Tel (575) 393-2326 Fax (575) 393-2476		CHAIN-OF-CUSTODY AND ANALYSIS REQUEST LAB Order ID # _____																																																																												
Company Name: RICE Operating Company Project Manager: Hack Conder Address: (Street, City, Zip) 122 W Taylor Street ~ Hobbs, New Mexico 88240 Phone #: (575) 393-9174 Fax #: (575) 393-9174		ANALYSIS REQUEST (Circle or Specify Method No.)																																																																												
Project Name: EME Junction K-6 Project Location: T20S-R37E-Sec6 K ~ Lea County - New Mexico Sampler Signature: <i>Rozanne Johnson</i> (575) 393-9310 rozanne@valornet.com		Turn Around Time ~ 24 Hours																																																																												
FIELD CODE LAB # 1 Monitor Well #1 LAB USE ONLY H19405-		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>LAB USE ONLY</th> <th>LAB #</th> <th>FIELD CODE</th> <th>(G)rab or (C)omp</th> <th>WATER</th> <th>SOIL</th> <th>AIR</th> <th>SLUDGE</th> <th>HCL (2 40ml VOA)</th> <th>HNO₃</th> <th>NaHSO₄</th> <th>H₂SO₄</th> <th>ICE (1-1 Liter HDPE)</th> <th>DATE (2010)</th> <th>TIME</th> </tr> <tr> <td></td> <td>1</td> <td>Monitor Well #1</td> <td>G</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>3-6</td> <td>9:35</td> </tr> <tr> <td></td> <td>2</td> <td>Monitor Well #2</td> <td>G</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>3-6</td> <td>7:45</td> </tr> <tr> <td></td> <td>3</td> <td>Monitor Well #3</td> <td>G</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>3-6</td> <td>8:40</td> </tr> <tr> <td></td> <td>4</td> <td>Recovery Well #1</td> <td>G</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>3-6</td> <td>11:05</td> </tr> </table>		LAB USE ONLY	LAB #	FIELD CODE	(G)rab or (C)omp	WATER	SOIL	AIR	SLUDGE	HCL (2 40ml VOA)	HNO ₃	NaHSO ₄	H ₂ SO ₄	ICE (1-1 Liter HDPE)	DATE (2010)	TIME		1	Monitor Well #1	G	X								1	3-6	9:35		2	Monitor Well #2	G	X								1	3-6	7:45		3	Monitor Well #3	G	X								1	3-6	8:40		4	Recovery Well #1	G	X								1	3-6	11:05
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Received by: <i>Rozanne Johnson</i> Date: 3-9-10 Time: 10:50 Relinquished by: _____ Date: _____ Time: _____		Phone Results: Yes No Fax Results: Yes No Additional Fax Number: _____																																																																												
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____		REMARKS: Email F Email Results to hconder@riceswd.com weinheimer@riceswd.com kiones@riceswd.com rozanne@valornet.com																																																																												

CHECKED BY: (Initials) *CPH*

Sample Condition
 Yes No
 Cool Intact
☒ Yes ☐ No ☐ Intact ☐

#26

Hansen, Edward J., EMNRD

From: Katie Jones [kjones@riceswd.com]
Sent: Wednesday, May 19, 2010 9:05 AM
To: Hansen, Edward J., EMNRD
Subject: EME Jct. D-1 (AP-67) and EME L-6 boot (1R427-09)
Attachments: EME D-1 001.jpg; EME L-6 SITE 020.JPG

Attached.

AP-67

ROC EME D-1 site

03/31/2010

