

1R - 427-171

**REPORTS**

**DATE:**

6-10-10



**TETRA TECH**

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CERTIFIED MAIL  
RETURN RECEIPT NO. 7008 3230 0001 9310 9512

June 10, 2010

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

**RE: Termination Request, Rice Operating Company, Eunice Monument Eumont (EME) Saltwater Disposal System (SWD) JCT. I-13, Unit "I", Section 13, T-20-S, R-36-E, Lea County, New Mexico NMOCD #1R0427-171**

Mr. Hansen:

On behalf of Rice Operating Company (ROC), Tetra Tech submits the following Termination Request for the ROC EME JCT. I-13 site.

ROC is the service provider (agent) for the EME SWD system and has no ownership of any portion of the 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.

In a conversation between the New Mexico Oil Conservation Division (NMOCD) and ROC on March 24, 2010, NMOCD requested that ROC submit a calculation of chloride mass. The chloride mass calculation was submitted in an email dated April 19, 2010, titled "ROC EME Jct. I-13 (NMOCD #1R0427-171) site".

Approximately 395 kg of chloride which equates to 8,996 gallons of groundwater were to be removed from the EME L-6 site. In the email it was stated that "Groundwater quality at L-6 allows a minimal removal of water and a high removal of chloride from groundwater. Removed groundwater will be utilized for pipeline and well maintenance. Groundwater will be pumped at a rate of approximately 1 gallon per minute (gpm) for approximately 8 hours per day."

From April 26, 2010 to May 5, 2010, the EME L-6 well was pumped to remove 580 barrels (24,360 gallons) of water in fulfillment of the remediation requirements for the EME I-13 site. Based on the chloride concentrations in recovery well RW-1 (11,200 mg/L), approximately 1,032.781 kilograms of chloride were removed from the onsite well

Tetra Tech

1910 North Big Spring, Midland, TX 79705

Tel 432.682.4559

Fax 432.682.3946

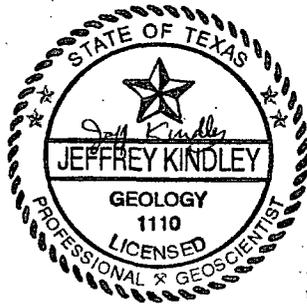
www.tetrattech.com



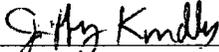
**TETRA TECH**

(See attached Appendix A for total gallons and kilograms of chloride removed from EME L-6 and Appendix B for analytical chloride concentration for the two onsite recovery wells). ROC removed approximately 3 times the calculated amount of 395 kg of chloride as proposed in the April 19, 2010 email.

At this time, ROC requests that the NMOCD terminate further activities at this site. If you require any additional information or have any questions or comments concerning the termination request, please call me at (432) 682-4559 or Hack Conder of ROC at (575) 393-9174.



Respectfully Submitted,  
Tetra Tech, Inc.

  
\_\_\_\_\_  
Jeffrey Kindley, P.G.  
Senior Project Manager

cc: ROC- Hack Conder  
Enclosures: Volumes removed and Laboratory Analytical

**APPENDIX A**  
**TOTAL GALLONS AND CHLORIDES PUMPED**



**APPENDIX B**  
**LABORATORY ANALYTICAL**



**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**ARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603  
 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

Company Name: <b>RICE</b>		P.O. #:		ANALYSIS REQUEST	
Project Manager: <b>HACK CONDER</b>		Company:			
Address: <b>122 W TAYLOR</b>		Attn:			
City: <b>HOBBS</b> State: <b>NM</b> Zip: <b>88240</b>		Address:			
Phone #: <b>(575) 393-9174</b> Fax #: <b>(575) 393-1471</b>		City:			
Project #:		State:			
Project Name: <b>EMEL-6</b>		Phone #:			
Project Location:		Fax #:			
Sampler Name: <b>T. GRIECO</b>					
FOR LAB USE ONLY					
Lab I.D.		PRESERV		DATE	
Sample I.D.		SAMPLING		TIME	
H19801-1 RW-1		ACID/BASE:		5/3/10 10:45	
2 RW-2		ICE / COOL:		5/3/10 10:40	
		OTHER:			
		SLUDGE			
		OIL			
		SOIL			
		WASTEWATER			
		GROUNDWATER			
		# CONTAINERS			
		(G)RAB OR (C)OMP			
		OTHER:			
		CHLORIDE			
		TDS			

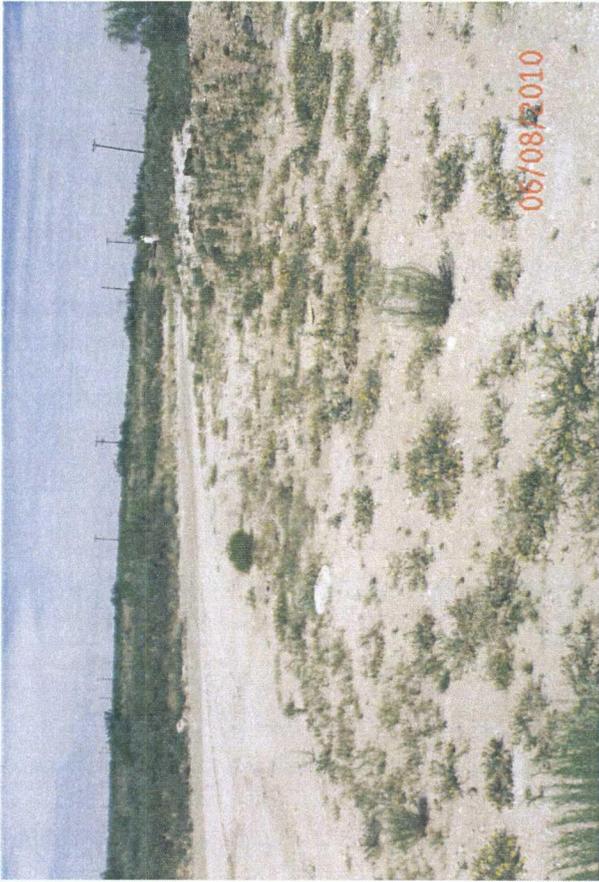
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed voided unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, 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.

Relinquished By: <i>T. Grieco</i>	Date: _____	Received By: _____	Time: _____
Relinquished By: _____	Date: <b>5/3/10</b>	Received By: <i>J. Jones</i>	Time: <b>3:30</b>
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: <i>JH</i>	
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #: _____	
Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #: _____	
REMARKS: email results kjones@riceswd.com jweinheimer@riceswd.com jparis@riceswd.com			

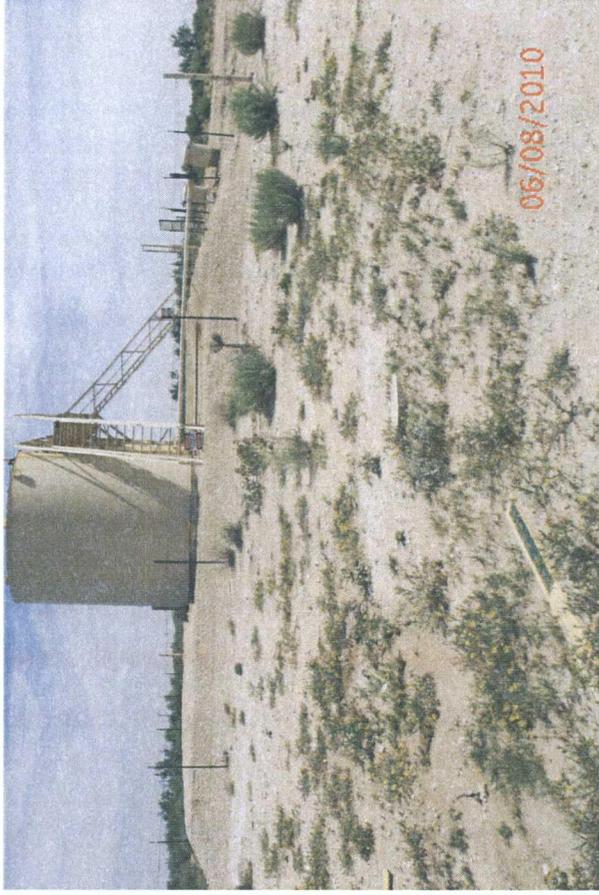
\* Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

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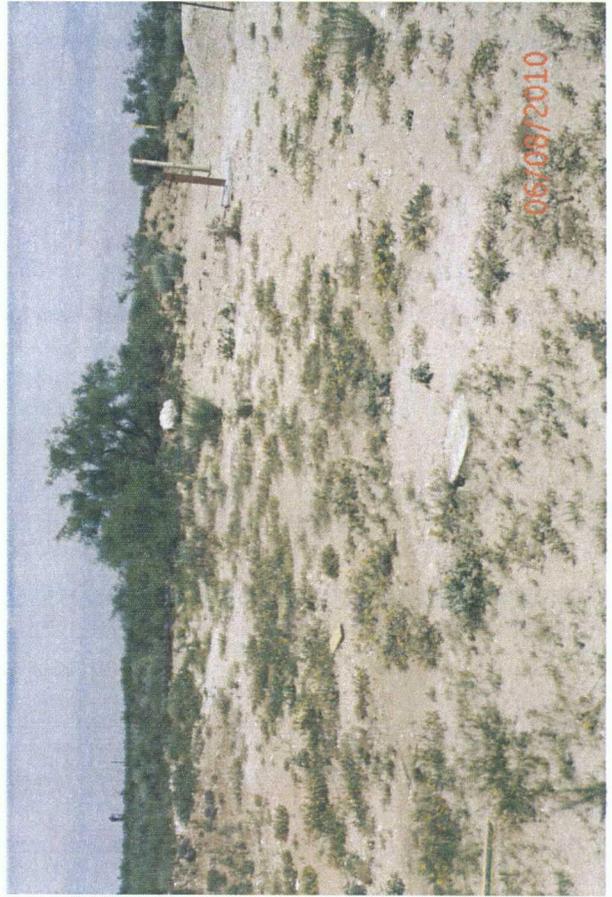
# EME Jct. I-13 (1R 427-171)



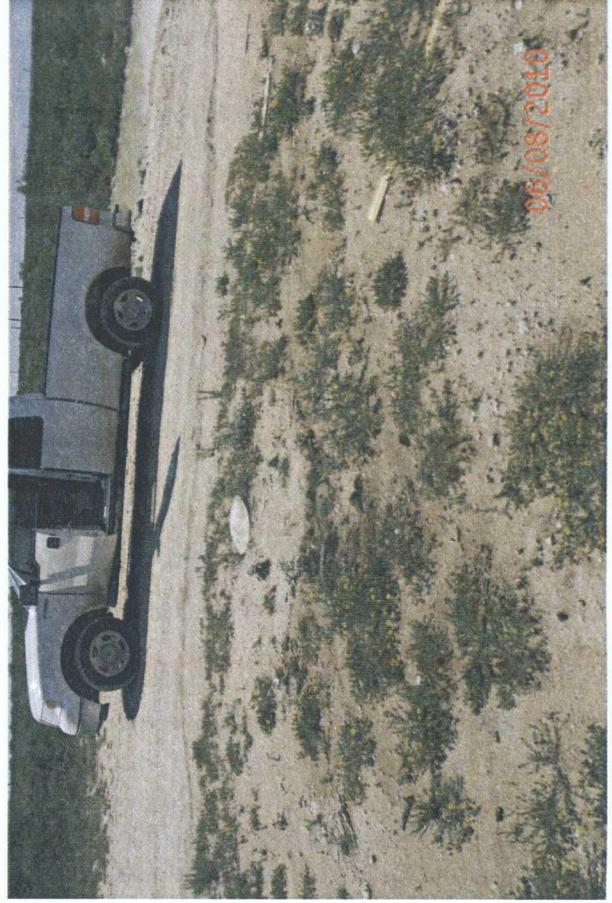
Facing North



Facing South



Facing East



Facing West