

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

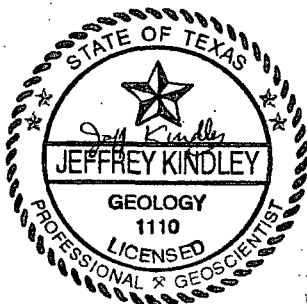
Fax 432.682.3946 www.tetrattech.com



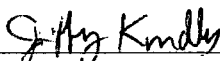
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(See attached Appendix A for total gallons and kilograms of chloride removed from EME L-6 and Appendix B for analytical chloride concentration for the two onsite recovery wells). ROC removed approximately 3 times the calculated amount of 395 kg of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

EME Jct. I-13 (1R427-171)

4/26/2010	195		
4/28/2010	75		
5/3/2010			11,200 RW-1
5/3/2010			11,400 RW-2
5/3/2010	210		
5/5/2010	100		
Total for project		580 bbls	11,200
		24360 gallons	
		CI-	
		concentration	
		Total kg of CI removed	1032.78 kg

APPENDIX B
LABORATORY ANALYTICAL



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

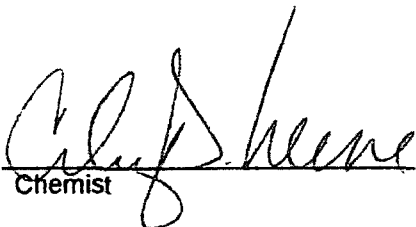
ANALYTICAL RESULTS FOR
RICE OPERATING COMPANY
ATTN: HACK CONDER
122 WEST TAYLOR
HOBBS, NM 88240
FAX TO: (575) 397-1471

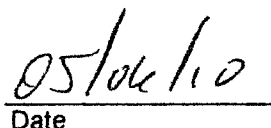
Receiving Date: 05/03/10
Reporting Date: 05/05/10
Project Number: NOT GIVEN
Project Name: EME L-6
Project Location: NOT GIVEN

Sampling Date: 05/03/10
Sample Type: WATER
Sample Condition: COOL & INTACT
Sample Received By: JH
Analyzed By: HM

LAB NO.	SAMPLE ID	Cl ⁻ (mg/L)	TDS (mg/L)
Analysis Date:		05/04/10	05/04/10
H19801-1	RW-1	11,200	25,000
H19801-2	RW-2	11,400	25,100
Quality Control		500	NR
True Value QC		500	NR
% Recovery		100	NR
Relative Percent Difference		< 0.1	3.1

METHOD: Standard Methods, EPA	4500-Cl ⁻ B	160.1
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Chemist


Date

H19801 RICE

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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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO				ANALYSIS REQUEST											
Company Name: <u>RICE</u>															
Project Manager: <u>HACK CONDEZ</u>															
Address: <u>122 W TAYLOR</u>															
City: <u>HOBBES</u> State: <u>NM</u> Zip: <u>88240</u>															
Phone #: <u>(575) 393-9174</u> Fax #: <u>(575) 327-1471</u>															
Project #:															
Project Name: <u>EMEL-6</u>															
Project Location:															
Sampler Name: <u>T. GRIECO</u>															
FOR LAB USE ONLY															
Lab I.D.															
Sample I.D.															
Matrix															
PRESERV															
SAMPLING															
DATE															
TIME															
TDS															
CHLORIDE															

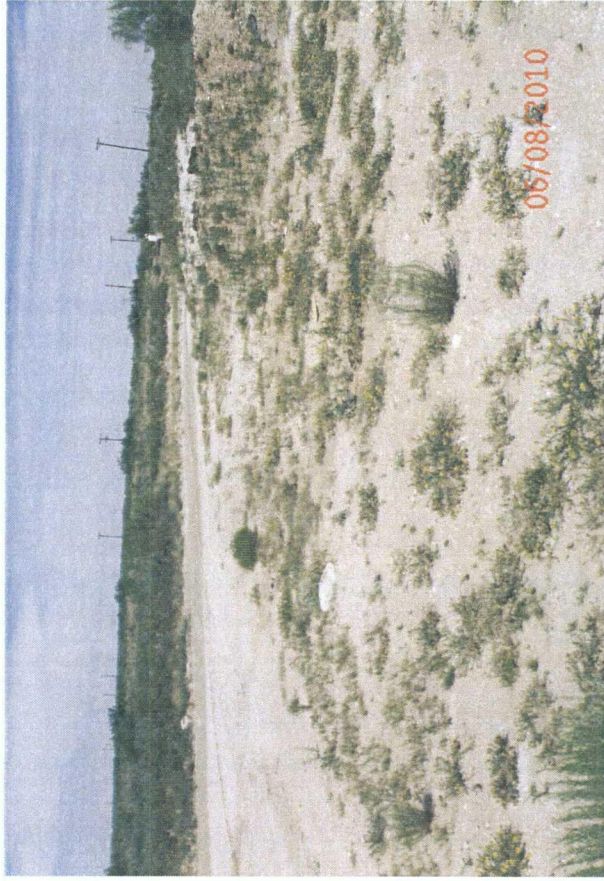
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Relinquished By:		Received By:		Phone Result:		Fax Result:		Add'l Phone #:		Add'l Fax #:	
Date:	Time:	Date:	Time:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Relinquished By: <u>Taylor</u>		Received By: <u>Yadav</u>									
Delivered By: (Circle One)		Checked By: <u>Yadav</u>									
Sampler - UPS - Bus - Other:		Sample Condition									
		Cool Intact									
		<input type="checkbox"/> Yes <input type="checkbox"/> No									
		Initials									
		<u>Yadav</u>									
		Remarks:									
		e mail results									
		kjones@riceswd.com									
		lweinheimer@riceswd.com									
		jparis@riceswd.com									

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

#20

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



Facing North



Facing South



Facing East



Facing West