

1R - 427-380

REPORTS

DATE:

4-10-12

1R427-380
RECEIVED GOD

2012 MAY -1 P 1:51

EME Jct. J-25-1
2011

CLOSURE

RICE *Operating Company*

122 West Taylor • Hobbs, New Mexico 88240

Phone: (575) 393-9174 • Fax: (575) 397-1471

May 1, 2012

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: Termination Request
EME Jct. J-25-1: UL/J, Sec. 25, T19S, R36E
RICE Operating Company – Eunice Monument Eumont SWD System

Mr. Hansen:

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

Background

In 2011, ROC initiated work on the former J-25-1 junction box. The site is located in UL/J, Sec. 25, T19S, R36E. NM OSE records indicate that groundwater would likely be encountered at a depth of approximately 25 +/- feet. The site was delineated using a backhoe to collect soil samples at regular intervals, creating a 3x7x12-ft deep excavation. Each sample was field titrated for chlorides and field screened using a PID for hydrocarbons, resulting in low concentrations of each. The 12-ft sample was sent to a commercial laboratory for analysis of chloride and TPH, resulting in a chloride concentration of <16 mg/kg, a gasoline range organics (GRO) concentration of <50 mg/kg, and a diesel range organics (DRO) concentration of 77.2 mg/kg. A total of 12 cubic yards of excavated soil was properly disposed of at a NMOCD approved facility. The excavation was backfilled with clean imported soil to ground surface and contoured to the surrounding area. On 1/21/2011 and 2/10/2011, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate. The junction box final report, photo documentation, laboratory analysis, PID sheet, chloride graph, and revegetation form are attached.

Recommendations

Site investigation demonstrates that residual chloride and hydrocarbons in the vadose zone will not with reasonable probability contaminate groundwater in excess of NMOCD standards. This site meets the requirements of the NMOCD-approved Revised Junction Box Upgrade Work Plan (July 16, 2003). As such, ROC request termination of the regulatory file, or similar closure status.

Please contact me at (575)393-9174 if you have any questions or wish to discuss this site. Thank you for your time and consideration.

Sincerely,
RICE Operating Company

A handwritten signature in black ink, appearing to read "H. Conder", written in a cursive style.

Hack Conder
Environmental Manager

enclosures

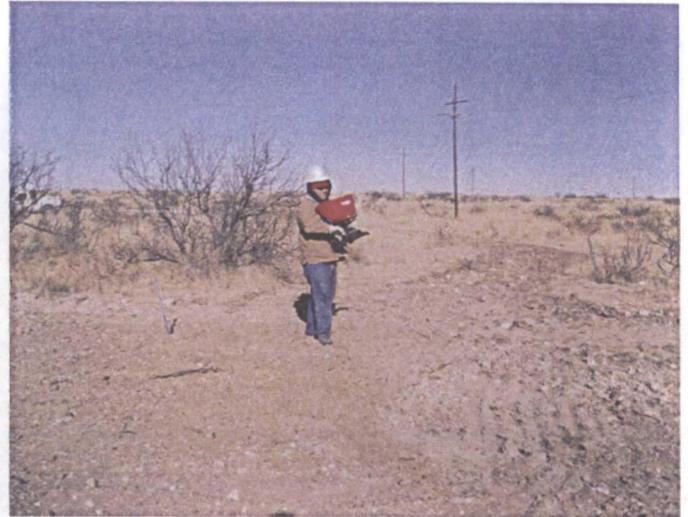
EME Jct. J-25-1

Unit J, Section 25, T19S, R36E



Excavating site, facing south

1.21.11



Seeding site, facing

1.21.11



Excavating site, facing south

1.31.11



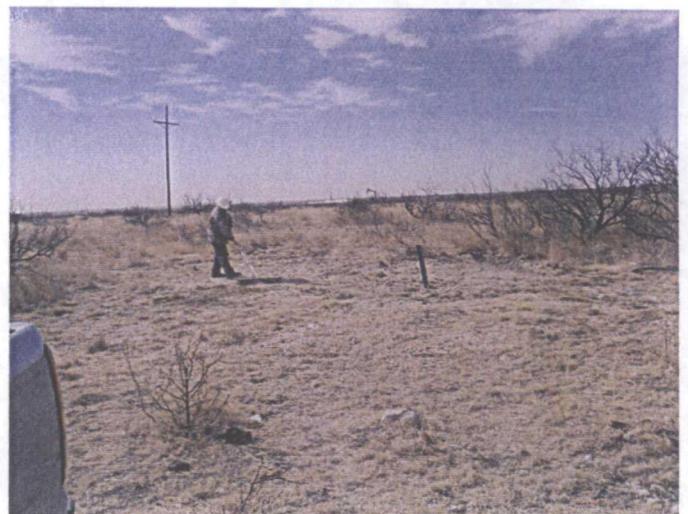
Collecting sample, facing west

1.31.11



Exporting soil, facing north

2.10.11



Raking in seed, facing south

2.10.11



February 02, 2011

Hack Conder
Rice Operating Company
112 W. Taylor
Hobbs, NM 88240

RE: EME J-25-1

Enclosed are the results of analyses for samples received by the laboratory on 01/31/11 16:15.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager

COPY

Analytical Results For:

Rice Operating Company
 Hack Conder
 112 W. Taylor
 Hobbs NM, 88240
 Fax To: (575) 397-1471

Received: 01/31/2011
 Reported: 02/02/2011
 Project Name: EME J-25-1
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 01/31/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: 12' INITIAL (H100211-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/02/2011	ND	432	108	400	0.00		
TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<50.0	50.0	02/01/2011	ND	255	102	250	7.26		
DRO >C10-C28	77.2	50.0	02/01/2011	ND	227	90.9	250	3.97		

Surrogate: 1-Chlorooctane 96.1 % 70-130
 Surrogate: 1-Chlorooctadecane 102 % 70-130

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Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

COF

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
 (505) 393-2326 FAX (505) 393-2476

Company Name: <i>Rice</i>		BILL TO		ANALYSIS REQUEST												
Project Manager: <i>Heidi Conner</i>		P.O. #:		<div style="writing-mode: vertical-rl; transform: rotate(180deg);"> <i>C. L. TPA SWS-MC</i> </div>												
Address: <i>122 West Taylor St.</i>		Company:														
City: <i>Hobbs</i> State: <i>NM</i> Zip: <i>88240</i>		Attn:														
Phone #: <i>505-393-9174</i> Fax #:		Address:														
Project #:		City:														
Project Name: <i>3-25-1</i>		State: Zip:														
Project Location: <i>EMF</i>		Phone #:														
Sampler Name: <i>Donna Conner</i>		Fax #:														
FOR LAB USE ONLY																
Lab I.D.	Sample I.D.	(C)RAB OR (C)COMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING						
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE/CCOL	OTHER:	DATE	TIME		
<i>H10211-1</i>	<i>12' Trench</i>	<i>1</i>	<i>1</i>			<input checked="" type="checkbox"/>							<i>1-31-11</i>	<i>10:59</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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. At claims including those for negligence and any other cause whatsoever shall be deemed waived 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 interruptions, loss of time, 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>Donna Conner</i>	Date: <i>1-31-11</i>	Received By: <i>Heidi Conner</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: <i>4:15</i>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		<i>Bbaker@rice-ecs.com</i> <i>HConner@rice-sws.com</i> <i>LWeinheimer@rice-ecs.com</i> <i>REgans@rice-ecs.com</i>	
Delivered By: (Circle One)	Sample Condition	COHECKED BY:		
Sampler - UPS - Bus - Other:	Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/>	<i>[Signature]</i>		
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

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

#26

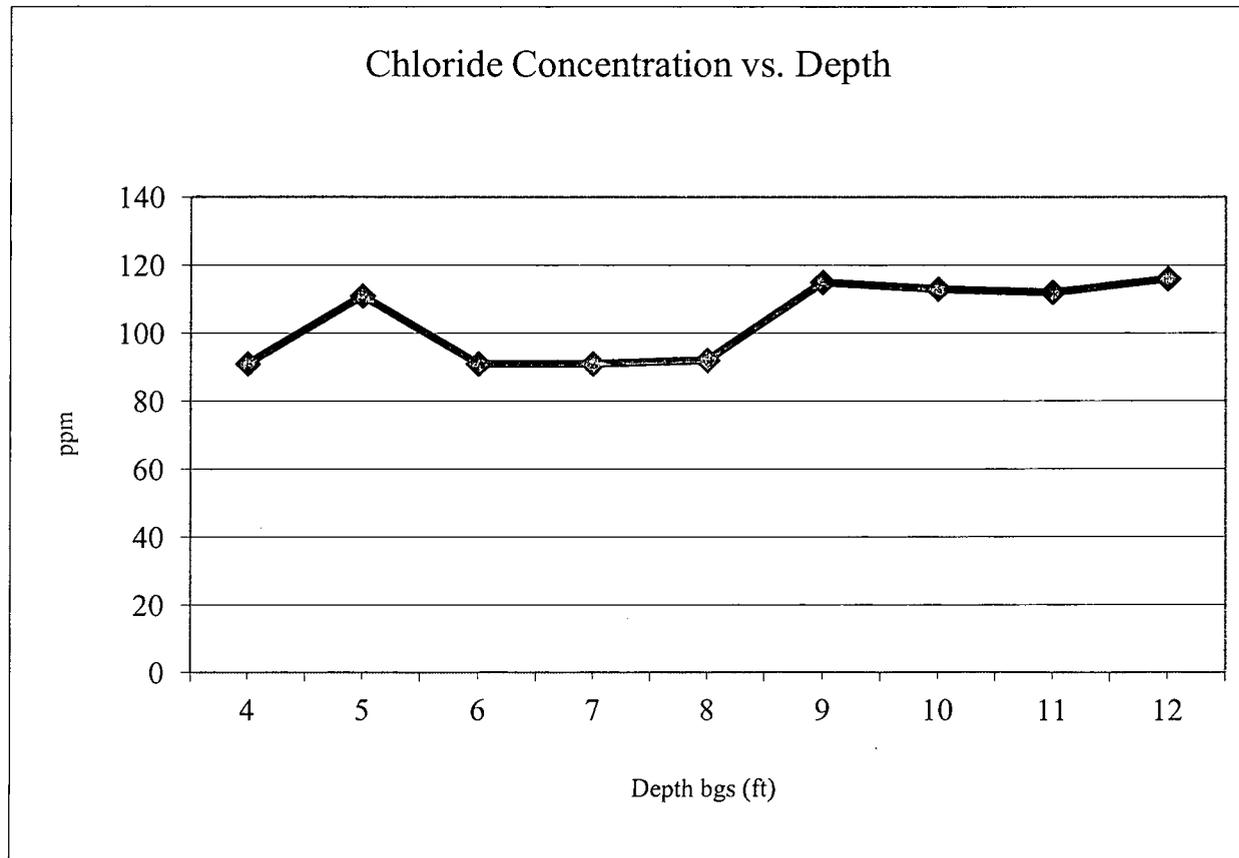
EME Jct. J-25-1

Unit 'J', Sec. 25, T19S, R36E

Backhoe samples at junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
4	91
5	111
6	91
7	91
8	92
9	115
10	113
11	112
12	116

Groundwater = 25 ft





PO Box 5630
 Hobbs, NM 88241
 Phone: (575) 393-4411
 Fax: (575) 393-0293

REVEGETATION FORM

1. General Information

Site name: EME Jct. J-25-1						
U/L J	Section 25	Township T19S	Range R36E	County Lea	Latitude 32° 37.724'	Longitude 103° 18.287'
Contact Name: Bruce Baker						
Email: bbaker@rice-ecs.com						
Site size:			square feet:	Map detail of site attached <input type="checkbox"/>		
Additional information:						

2. Soils

**Do not rip caliche subsoils; caliche rocks brought to the surface by ripping shall be removed.*

Salvaged from site <input checked="" type="checkbox"/>	Bioremediated <input type="checkbox"/>	Imported <input type="checkbox"/>	Blended <input type="checkbox"/>	Depth (in):		
Texture:		Describe soil & subsoil:				
Soil prep methods:	Rip <input type="checkbox"/>	Depth(in):	Disc <input type="checkbox"/>	Depth (in):	Rollerpack <input type="checkbox"/>	
Date completed: 1/21/11						

3. Bioremediation

Fertilizer <input type="checkbox"/>	Hay <input type="checkbox"/>	Other <input type="checkbox"/>
Type:		Describe:
Lbs/acre:		

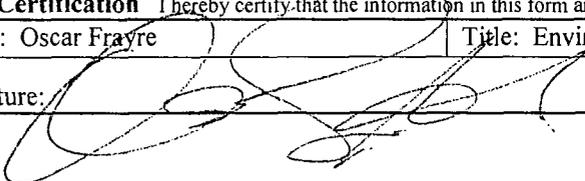
4. Seeding

**Attach seed bag tags to this form. Seed bag tags shall contain the site name and S-T-R.*

Custom seed mix <input type="checkbox"/>	Prescribed mix <input type="checkbox"/>	Seed mix name:	Seeding date: 1/21/2011
Broadcast <input checked="" type="checkbox"/> 1 LB BLUE GRAMA			
Method: hand spreader			
Soil conditions during seeding: Dry <input type="checkbox"/> Damp <input type="checkbox"/> Wet <input type="checkbox"/>			
Photos attached <input type="checkbox"/>	Observations:		
Number of photos:			

5. Certification

I hereby certify that the information in this form and attachments is true and complete to the best of my knowledge and belief.

Name: Oscar Frayre	Title: Environmental Tech	Date: 1/21/2011
Signature: 		

COPY



PO Box 5630
 Hobbs, NM 88241
 Phone: (575) 393-4411
 Fax: (575) 393-0293

REVEGETATION FORM

1. General Information

Site name: EME Jct. J-25-1						
U/L J	Section 25	Township T19S	Range R36E	County Lea	Latitude 32° 37.724'	Longitude 103° 18.287'
Contact Name: Bruce Baker						
Email: bbaker@rice-ecs.com						
Site size:			square feet:	Map detail of site attached <input type="checkbox"/>		
Additional information:						

2. Soils **Do not rip caliche subsoils; caliche rocks brought to the surface by ripping shall be removed.*

Salvaged from site <input type="checkbox"/>	Bioremediated <input type="checkbox"/>	Imported <input checked="" type="checkbox"/>	Blended <input type="checkbox"/>	Depth (in):	
Texture:		Describe soil & subsoil:			
Soil prep methods:	Rip <input type="checkbox"/>	Depth(in):	Disc <input type="checkbox"/>	Depth (in):	Rollerpack <input type="checkbox"/>
Date completed: 2/8/2011					

3. Bioremediation

Fertilizer <input type="checkbox"/>	Hay <input type="checkbox"/>	Other <input type="checkbox"/>
Type:		Describe:
Lbs/acre:		

4. Seeding **Attach seed bag tags to this form. Seed bag tags shall contain the site name and S-T-R.*

Custom seed mix <input checked="" type="checkbox"/>	Prescribed mix <input type="checkbox"/>	Seed mix name: 12 lbs winter wheat/blue grama	Seeding date: 2/10/2011
Broadcast <input checked="" type="checkbox"/>			
Method: hand spreader			
Soil conditions during seeding: Dry <input checked="" type="checkbox"/> Damp <input type="checkbox"/> Wet <input type="checkbox"/>			
Photos attached <input type="checkbox"/>	Observations:		
Number of photos:			

5. Certification I hereby certify that the information in this form and attachments is true and complete to the best of my knowledge and belief.

Name: John Robert Harrison	Title: Environmental Tech	Date: 2/10/2011
Signature: <i>not available</i>		

COPY