

1R - 427-221

# REPORTS

DATE:

4-1-08

EME Jct D-18

1R427-221

CLOSURE

4-1-08

RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	NEW BOX DIMENSIONS - FEET		
							Length	Width	Depth
EME	jct. D-18	D	18	19S	37E	Lea	no box; jct. eliminated		

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER Jimmie T. & Jimmie B. Cooper OTHER \_\_\_\_\_

Depth to Groundwater 70 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 8/29/2007 Date Completed 8/29/2007 NMOCD Witness no

Soil Excavated 12 cubic yards Excavation Length 9 Width 3 Depth 12 feet

Soil Disposed 0 cubic yards Offsite Facility n/a Location n/a

FINAL ANALYTICAL RESULTS: Sample Date 8/29/2007 Sample Depth 12 ft

TPH and chloride laboratory test results completed by using an approved laboratory and testing procedures pursuant to NMOCD guidelines.

CHLORIDE FIELD TESTS

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
GRAB @ JCT. 12 ft	0.0	<10.0	<10.0	304
BACKFILL COMP.		<10.0	13.6	224

LOCATION	DEPTH (ft)	ppm
delineation trench at former junction site	6	481
	7	398
	8	429
	9	456
	10	364
	11	460
	12	380

General Description of Remedial Action:

This junction was eliminated with the

pipeline replacement/upgrade program. After the box lumber was removed, the site was inspected

for physical indications of impact; none were observed. Vegetation surrounding the site was healthy and abundant. A backhoe was used to collect soil

samples directly below the junction site. Soil at the site is characterized by shallow sand and hard caliche from 3-12 ft BGS. Chloride field tests were

conducted on each sample to 12 ft and yielded very low concentrations throughout the trench. Organic vapors were also measured from each sample using

a PID which did not detect any concentrations. The 12-ft sample was submitted for laboratory confirmation; TPH concentrations meet OCD guidelines.

The delineation trench was backfilled with the excavated soil and 6 cubic yards of clean, imported soil was spread on top of the site. The surface area was

seeded with a blend of native vegetation on 8/29/2007 and is expected to return to productive capacity at a normal rate.

enclosures: photos, lab results, PID field screenings

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SITE SUPERVISOR L. Bruce Baker SIGNATURE L. Bruce Baker COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

DATE 10/19/2007 TITLE Project Scientist

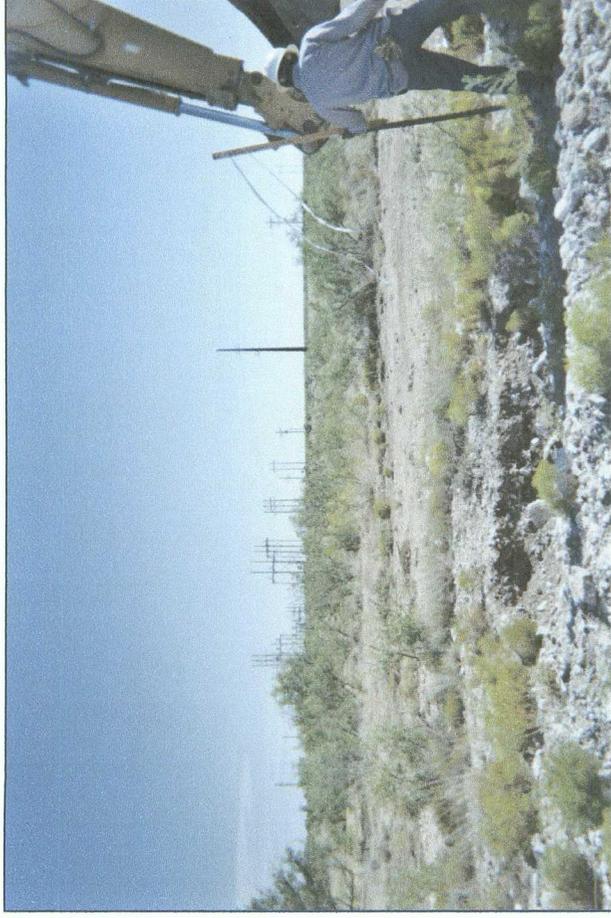
# EME jct. D-18

Unit D, Section 18, T19S, R37E



undisturbed junction box

1/31/2005



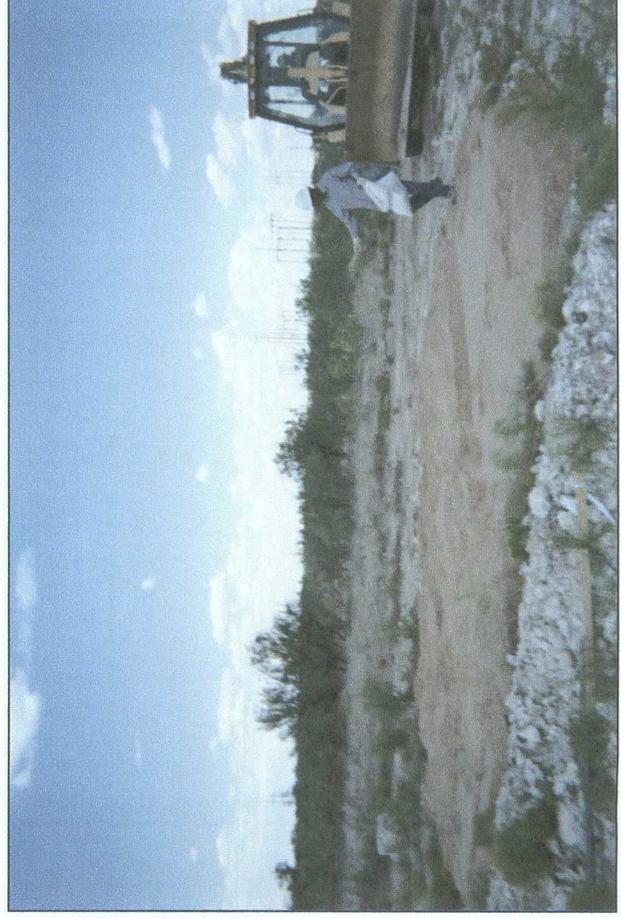
delineation trench at former box site

8/29/2007



collecting samples from backhoe bucket

8/29/2007



backfilled trench; clean soil spread; seeding

8/29/2007



**ARDINAL  
LABORATORIES**

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR  
RICE OPERATING CO.  
ATTN: ROY RASCON  
122 W. TAYLOR  
HOBBS, NM 88240  
FAX TO: (505) 397-1471

**COPY**

Receiving Date: 08/29/07  
Reporting Date: 09/06/07  
Project Number: NOT GIVEN  
Project Name: EME JCT. D-18  
Project Location: EME JCT. D-18

Sampling Date: 08/29/07  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: HM  
Analyzed By: CK/KS

LAB NUMBER	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>12</sub> ) (mg/Kg)	DRO (>C <sub>12</sub> -C <sub>28</sub> ) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE		09/05/07	09/05/07	08/30/07
H13189-1	Source 12'	<10.0	<10.0	304
H13189-2	Blended Backfill	<10.0	13.6	224
Quality Control		445	530	480
True Value QC		500	500	500
% Recovery		89	106	96
Relative Percent Difference		0.4	1.59	2.1

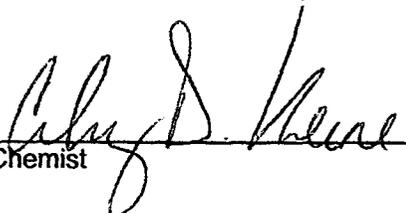
METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Std. Methods 4500-CFB

\*Analysis performed on a 1:4 w:v aqueous extract.

**RECEIVED**

SEP 10 2007

RICE OPERATING  
HOBBS NM

  
Chemist

09/06/07  
Date

H13189 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 hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



# CARDINAL LABORATORIES, INC.

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>ACE OPERATING CO.</b>		P.O. #: <b>BILL TO</b>		ANALYSIS REQUEST															
Project Manager: <b>ROD PATTON</b>		Company:																	
Address: <b>100 WY TAP LON</b>		Address:																	
City: <b>HOBB</b>		State: <b>NM</b>		Zip: <b>88240</b>															
Phone #: <b>325-691741</b>		Fax #: <b>325-14171</b>																	
Project #:		Project Owner:																	
Project Name: <b>EME SCL. 0-18</b>		State:		Zip:															
Project Location: <b>EME SCL. 0-18</b>		Phone #:																	
Sampler Name: <b>Bruce Baker</b>		Fax #:																	
FOR LAB USE ONLY																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	MATRIX	SOIL	OIL	SLUDGE	OTHER :	PRESERV.	ACID/BASE:	ICE / COOL	OTHER :	SAMPLING	DATE	TIME		
<b>H13189-1</b>	<b>Seawater 12'</b>		<b>5</b>				<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>			<b>8-29-07</b>	<b>11:00 AM</b>	<b>✓</b>	<b>✓</b>
<b>-2</b>	<b>Bleached Backfill</b>		<b>1</b>													<b>8-29-07</b>	<b>1:00 PM</b>	<b>✓</b>	<b>✓</b>

PLEASE NOTE: Utility and District Contractor's liability and client's exclusive remedy for any claim arising whether stated in contract or not, shall be limited to the amount paid by the client for the project. All other remedies, including but not limited to, attorney's fees, consequential damages, punitive damages, interest, and any other damages, shall be deemed waived and released by the client upon completion of the applicable project. In the event that the client is not satisfied with the results of the project, the client shall be deemed to have accepted the results of the project. The client shall be deemed to have accepted the results of the project upon completion of the applicable project. The client shall be deemed to have accepted the results of the project upon completion of the applicable project. The client shall be deemed to have accepted the results of the project upon completion of the applicable project.

Sampler or Requisitioned By: **Bruce Baker**

Received By: **Hope S. McQuinn**

Date: **8-29-07**

Time: **11:55**

Delivered By: (Circle One) **UPS**

Sample Condition: **Yes**

Checked By: **AKM**

Phone Result:  Yes  No

Fax Result:  Yes  No

REMARKS: **GC # 5 pvnus@riceSWD.com**

**e-mailed cck**

\* Cardinal cannot accept verbal changes. Please fax written changes to (325) 673-7020.

# RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240  
 PHONE: (505) 393-9174 FAX: (505) 397-1471  
 PID METER CALIBRATION & FIELD REPORT FORM

CK.	<input type="checkbox"/>
MODEL	<input checked="" type="checkbox"/>
NO.	<input type="checkbox"/>

MODEL: PGM 761S	SERIAL NO: 104412
MODEL: PGM 7600	SERIAL NO: 110-013744
MODEL: PGM 7600	SERIAL NO: 110-12383
MODEL: PGM 7600	SERIAL NO: 110-012920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: <i>06-3079</i>	EXPIRATION DATE: <i>5/03/08</i>
FILL DATE: <i>11/03/06</i>	METER READING ACCURACY: <i>101 ppm</i>

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<i>EME</i>	<i>0-18</i>	<i>0</i>	<i>18</i>	<i>195</i>	<i>37E</i>

*Source*

SAMPLE ID	PID	SAMPLE ID	PID
<i>1'</i>	<i>0</i>		
<i>2'</i>	<i>0</i>		
<i>3'</i>	<i>0</i>		
<i>4'</i>	<i>0</i>		
<i>5'</i>	<i>0</i>		
<i>6'</i>	<i>0</i>		
<i>7'</i>	<i>0</i>		
<i>8'</i>	<i>0</i>		
<i>9'</i>	<i>0</i>		
<i>10'</i>	<i>0</i>		
<i>11'</i>	<i>0</i>		
<i>12'</i>	<i>0</i>		

COPY

I verify that I have calibrated the above instrument in accordance to the manufacture operation manual.

SIGNATURE:

*Bruce Baker*

DATE:

*8-29-07*