

1R - 427-217

**REPORTS**

**DATE:**

4-1-08

EME Jct A-4

/R427-217

**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. A-4	A	4	20S	37E	Lea	no box; junction eliminated		

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

Depth to Groundwater 27 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 1/8/2007 Date Completed 1/22/2007 NMOCD Witness no

Soil Excavated 44 cubic yards Excavation Length 10 Width 10 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 1/12/2007 Sample Depth 12 ft

5-point composite sample of bottom and 4-point composite sample of excavation sidewalls. 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
4-WALL COMP.	0.7	<10.0	<10.0	48
BOTTOM COMP.	3.8	<10.0	<10.0	128
BACKFILL	1.1	<10.0	<10.0	16

LOCATION	DEPTH (ft)	ppm
4-wall comp.	n/a	197
bottom comp.	12	278
backfill comp.	n/a	149

General Description of Remedial Action:

This junction was eliminated with the pipeline replacement/upgrade program. After the box lumber was removed, soil samples were collected a regular intervals using a backhoe to produce a 10 x 10 x 12-ft-deep hole. Chloride field tests conducted on each sample revealed very low concentrations throughout, similar to background level (262 ppm). Organic vapors were also measured on each sample using a PID which yielded very low concentrations as well. Confirmation samples were collected for laboratory analysis which confirmed all field results. The excavated soil was blended on site and then returned to the excavation and contoured to the surrounding surface. On 3/5/2007, the disturbed surface was seeded with a blend of native vegetation 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 Darnell Mitchell SIGNATURE Darnell Mitchell COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

DATE 1/26/2007 TITLE Project Scientist

# EME jct. A-4



undisturbed junction box

2/2/2006



close-up of junction after box was removed; before excavation



delineation and excavation

1/10/2007



seeding disturbed area of backfilled site

3/5/2007

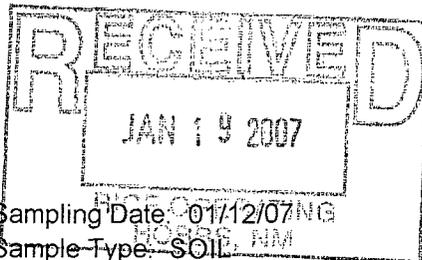


COPY

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 R. RASCON  
122 W. TAYLOR  
HOBBS, NM 88240  
FAX TO: (505) 397-1471



Receiving Date: 01/12/07  
Reporting Date: 01/17/07  
Project Number: NOT GIVEN  
Project Name: NOT GIVEN  
Project Location: EME JCT. A-4

Sampling Date: 01/12/07  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: AB  
Analyzed By: BC/AB

LAB NUMBER	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	CI* (mg/Kg)
	ANALYSIS DATE	01/16/07	01/16/07	01/13/07
H12027-1	BOTTOM 5 PT. COMPOSITE	<10.0	<10.0	128
H12027-2	4 WALL COMP.	<10.0	<10.0	48
H12027-3	BACKFILL BLEND	<10.0	<10.0	16
	Quality Control	776	772	500
	True Value QC	800	800	500
	% Recovery	97.0	96.5	100
	Relative Percent Difference	1.8	0.6	0.0

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

\*Analyses performed on 1:4 w:v aqueous extracts.

Bryan J. Cook  
Chemist

1/17/07  
Date

H12027

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 Beechwood, Adilene, 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

Page \_\_\_\_\_ of \_\_\_\_\_

Company Name: <b>Rice Operating Co.</b>		P.O. #:		<b>BILL TO</b>		ANALYSIS REQUEST	
Project Manager: <b>ROY RASCORNE</b>		Company:					
Address: <b>129 W TEXLOR</b>		Attn:					
City: <b>Hobbs</b>		Address:					
Phone #: <b>393-9174</b>		City:					
Project #:		State: <b>NM</b>		Zip: <b>88240</b>			
Project Name:		Project Owner:					
Project Location: <b>EME 5T A-4</b>		State:		Zip:			
Sampler Name: <b>Dave Dwyer</b>		Phone #:					
FOR LAB USE ONLY		Fax #:					
Lab I.D.		Sample I.D.					
		(G)RAB OR (C)OMP.					
		# CONTAINERS					
		GROUNDWATER					
		WASTEWATER					
		SOIL					
		OIL					
		SLUDGE					
		OTHER :					
		ACID/BASE:					
		ICE / COOL					
		OTHER :					
		DATE		TIME			
		SAMPLING					
<b>#12027-1</b>		<b>Bottom Spr Composite</b>		<b>1-12-07 10:AM</b>		<b>8015M TPH</b>	
<b>-2</b>		<b>4 Wall Comp</b>		<b>1-12-07 1:30</b>		<b>CL</b>	
<b>-3</b>		<b>Backfill Blend</b>		<b>1-12-07 2:PM</b>			

PLEASE NOTE: Liability and Damages regarding liability and client's exclusive remedy for any claim arising whether passed in contract or tort shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other claims when ever had be deemed void and useless made in writing and received by Cardinal within 90 days after completion of the applicable project. In no event shall Cardinal be held in liability for consequential damages, including without limitation, lost profits, lost income, loss of use, or loss of profits incurred by client, its subsidiaries, agents, or successors arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated causes or otherwise.

Sampler Relinquished:

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received By: (Lab Staff)  **Aaron Barry**

Relinquished By: \_\_\_\_\_ Date: **1-12-07** Time: **2:25p**

Delivered By: (Circle One)  **Dave Dwyer**

Sample Condition Checked  Yes  No

Temp. °C  Yes  No

Intact?  Yes  No

By: \_\_\_\_\_ (Initials)

Phone Result:  Yes  No

Fax Result:  Yes  No

REMARKS: **2 mail to Roy Rascorne**

† 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.	<b>X</b>
MODEL	
NO.	

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 : 06-3079	EXPIRATION DATE: 2-16-07
FILL DATE: 6-16-07	METER READING ACCURACY: 100.3

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<b>EME</b>	<b>A-4</b>	<b>A</b>	<b>4</b>	<b>20S</b>	<b>37E</b>

SAMPLE ID	PID	SAMPLE ID	PID
Bttm 5 pt comp @ 12' 1	9.9	4 wall comp @ 10' x10'	0.7
2	1.7		
3	0.6	Blended backfill	1.1
4	1.4		
5	5.2		
Bttm 5 pt comp @ 12'	3.8		
		COPY	

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

SIGNATURE: *Dannell Mitchell*

DATE: 1-12-07