

1R - 427-223

**REPORTS**

**DATE:**

4-1-08

EME Jct P-8

1R 427-223

**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. P-8	P	8	20S	37E	Lea	moved 30 ft East		

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

Depth to Groundwater 35 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 1/4/2007 Date Completed 1/23/2007 NMOCD Witness no

Soil Excavated 400 cubic yards Excavation Length 30 Width 30 Depth 12 feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date 1/11/2007 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.	3.3	<10.0	<10.0	96
BOTTOM COMP.	2.9	<10.0	<10.0	160
BACKFILL	1.6	<10.0	<10.0	96

LOCATION	DEPTH (ft)	ppm
background	0.5	257
4-wall comp.	n/a	289
bottom comp.	12	383
backfill comp.	n/a	293

**General Description of Remedial Action:**

This junction box site was addressed as part of the pipeline upgrade/replacement program. A new, replacement junction box was built 30 ft east of this site. After the box lumber was removed from the former box site, soil samples were collected at regular intervals using a backhoe to produce a 30 x 30 x 12-ft-deep excavation. Chloride field tests were conducted on each sample and were low throughout. Organic vapors were also measured in the field using a PID and were very low as well. Confirmation samples were collected for laboratory analysis and confirmed field results. The excavated soil was blended on site and then returned to the hole. 24 cubic yards of clean, imported topsoil was spread on top of the site. The surface was seeded with a blend of native vegetation on 1/24/2007 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 Noel Carmona SIGNATURE  COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE 

DATE 7/13/2007 TITLE Project Scientist



undisturbed junction box

9/2/2004

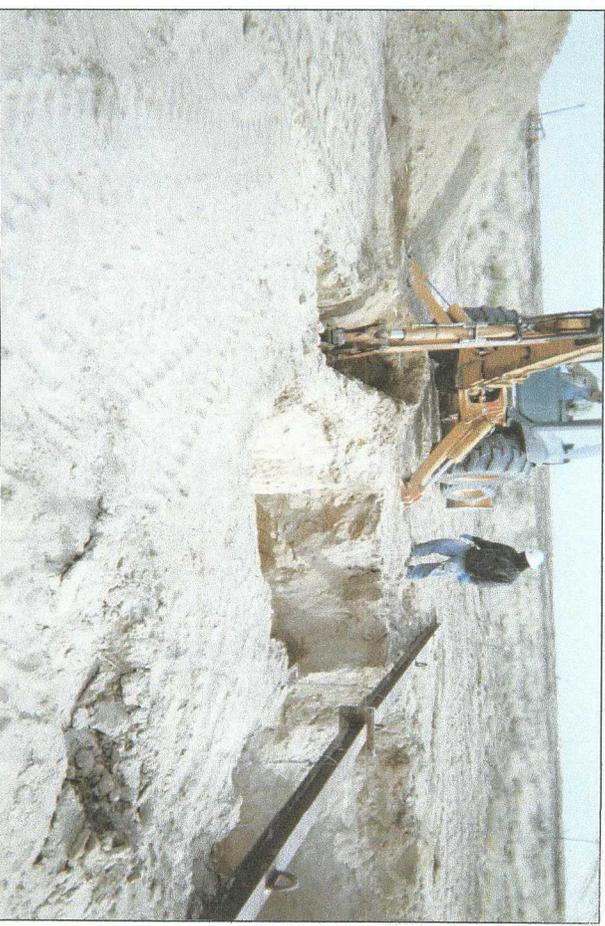
# EMIE jct. P-8

Unit P, Sec. 8, T20S, R37E



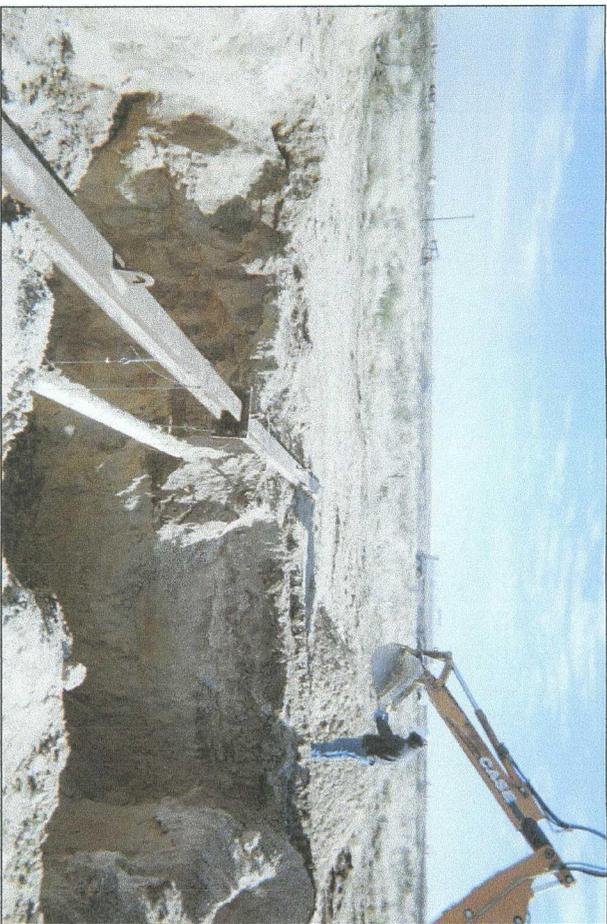
box removed; NORM decontamination complete

2/14/2005



delineation & excavation

1/9/2007



collecting soil samples from backhoe

1/10/2007



backfilling 30 x 30 x 12 ft excavation

1/22/2007



unloading imported topsoil

1/24/2007



spreading topsoil on backfilled site

1/24/2007



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

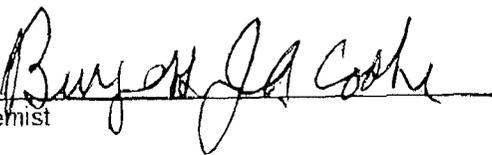
COPY

Receiving Date: 01/12/07  
 Reporting Date: 01/12/07  
 Project Number: NOT GIVEN  
 Project Name: EME JCT. P-8  
 Project Location: NOT GIVEN

Sampling Date: 01/11/07  
 Sample Type: SOIL  
 Sample Condition: COOL & INTACT  
 Sample Received By: AB  
 Analyzed By: BC/HM

LAB NO.	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	01/12/07	01/12/07	01/12/07
H12022-1	BLENDED BACKFILL	<10.0	<10.0	96
H12022-2	5 PT. BTM. COMP. @ 12'	<10.0	<10.0	160
H12022-3	4 WALL COMP. @ 30'x30'	<10.0	<10.0	96
	Quality Control	745	789	480
	True Value QC	800	800	500
	% Recovery	93.2	98.7	96.0
	Relative Percent Difference	3.4	2.2	0.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CIB  
 \*Analyses performed on 1:4 w:v aqueous extracts.

  
 Chemist

1/12/07  
 Date

H12022

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, Abilene, TX 79603 104 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

FILE TO

ANALYSIS REQUEST

Company Name: Rice Operating Co. P.O. #: \_\_\_\_\_  
 Project Manager: Roy R. Rascon Company: \_\_\_\_\_  
 Address: 122 W. Taylor City: \_\_\_\_\_  
 City: Hobbs State: N.M. Zip: 88240 Address: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: 397-1471 City: \_\_\_\_\_  
 Project #: \_\_\_\_\_ Project Owner: \_\_\_\_\_  
 Project Name: EME Jet P8 State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Project Location: \_\_\_\_\_ Phone #: \_\_\_\_\_  
 Sampler Name: Abel Carver Fax #: \_\_\_\_\_  
 FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G) GRAB OR (C) COMP.	# CONTAINERS	MATRIX						PRESERV.		DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL			
H12022-1	Bleended Backfill	C 1	1									1-11-07	2:45 pm	✓
-2	5pt. Btm. Comp. @ 12'	C 1	1									1-11-07	11:05 am	✓
-3	4 wall Comp. @ 30'x36"	C 1	1									1-11-07	2:30 pm	✓

RECEIVED: 11/2/07 and Original Originals (copy) and client's original remedy for any claim arising whether based in contract or tort, shall be mailed to the amount paid by the client for the analysis. All other existing bills for analysis and any other costs whatsoever shall be deemed waived unless made in writing and received by Cardinal within 90 days after completion of the applicable work. In no event shall Cardinal be held responsible for consequential damages, including without limitation, business interruption, loss of work, or loss of profits sustained by client, its subsidiaries, affiliates or successors and by not a contract in the performance of services rendered by Cardinal, regardless of whether such claim is based on any of the above listed theories or otherwise.

Sample Collected By: \_\_\_\_\_ Received By: (Lab Staff) \_\_\_\_\_  
 Date: 11/2/07 Time: 9:00 AM  
 Delivered By: (Circle One) \_\_\_\_\_  
 Sample Condition: \_\_\_\_\_  
 Temp. °C: \_\_\_\_\_  
 Yes  No (Initials) \_\_\_\_\_  
 Checked By: \_\_\_\_\_  
 Sample - UPS - Bus - Other: \_\_\_\_\_

Phone Result:  Yes  No  
 Fax Result:  Yes  No  
 REMARKS: \_\_\_\_\_

\* Firm and Cardinal will be charged on all accounts more than 90 days past due at the rate of 2.5% per annum from the original date of invoice, and all costs of collection, including attorney's fees.

† 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

## VOC FIELD TEST REPORT FORM

PID METER READING & CALIBRATION

CK.	<input type="checkbox"/>	MODEL: PGM 761S
MODEL	<input checked="" type="checkbox"/>	MODEL: PGM 7600
NO.	<input type="checkbox"/>	MODEL: PGM 7600
	<input type="checkbox"/>	MODEL: PGM 7600

SERIAL NO: 104412  
SERIAL NO: 110-013744  
SERIAL NO: 110-12383  
SERIAL NO: 110-012920

LOT NO: 05-2992  
FILL DATE: 11-28-05  
ACCURACY: +/- 2%

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE  
EXP. DATE: 5-28-07  
METER READING ACCURACY: 100.0

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
EME	Jd. P-8	P	8	20	37

Lab samples 30'x30'x12'

SAMPLE	PID Results	Sample	PID Results
Bottom 5pt. Comp.	2.9		
4 wall Comp.	3.3		
Blewed Backfill	1.6		

COPY

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

SIGNATURE: 

DATE: 1-11-07