

1R - 427-323

REPORTS

DATE:

8-31-10

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1R427-323

**EME D-17 EOL**

**2010**

RECEIVED

APR - 1 2011

Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

**CLOSURE**

**RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT**

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Eunice-Monument-Eumont (EME)	D-17 EOL	D	17	21S	36E	Lea	Eliminated		

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER: Monty Morton OTHER \_\_\_\_\_

Depth to Groundwater 234 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 3/29/2010 Date Completed 3/29/2010 OCD Witness no

Soil Excavated 4.4 cubic yards Excavation Length 5 Width 3 Depth 8 feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date 3/29/2010 Sample Depth 8 ft

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

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE 8' GRAB	0.3	<10.0	<10.0	96

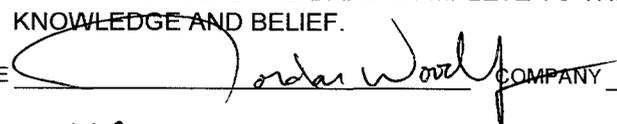
**CHLORIDE FIELD TESTS**

LOCATION	DEPTH	mg/kg
background	6"	148
vertical delineation trench at the junction (source)	4'	143
	5'	152
	6'	138
	7'	150
	8'	201

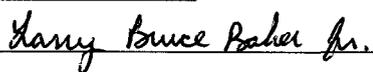
**General Description of Remedial Action:** This junction box and line were eliminated during the pipeline replacement/upgrade program. After the former junction box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 5x3x8-ft-deep excavation. Chloride field tests performed on each sample yielded low concentrations similar to that of the background. Organic vapors were measured using a PID and also yielded low concentrations. The deepest sample, 8 ft. BGS was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 4/7/2010, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

enclosures: photos, lab results, PID field screenings, chloride curve

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

SITE SUPERVISOR Jordan Woodfin SIGNATURE  COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Larry Bruce Baker Jr. INITIAL LBB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE  DATE 8-31-10

# EME D-17 EOL

Unit D, Section 17, T21S, R36E



Site prior to excavation

3/29/2010



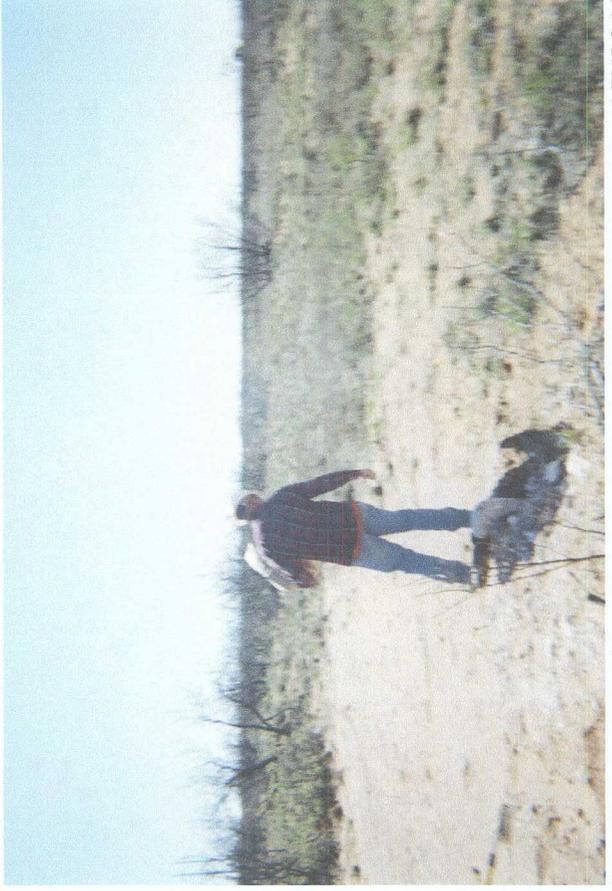
Collecting a soil sample

3/29/2010



Final excavation

3/29/2010



Seeding excavation

4/7/2010



ANALYTICAL RESULTS FOR  
 RICE OPERATING COMPANY  
 ATTN: BRUCE BAKER  
 112 W. TAYLOR  
 HOBBS, NM 88240

Receiving Date: 03/29/10  
 Reporting Date: 04/05/10  
 Project Number: NOT GIVEN  
 Project Name: EME D-17 EOL 21/36  
 Project Location: EME D-17 EOL 21/36

Sampling Date: 03/29/10  
 Sample Type: SOIL  
 Sample Condition: COOL & INTACT  
 Sample Received By: JH  
 Analyzed By: CK/HM

	GRO	DRO	
	(C <sub>6</sub> -C <sub>10</sub> )	(>C <sub>10</sub> -C <sub>28</sub> )	Cl*
LAB NUMBER SAMPLE ID	(mg/kg)	(mg/kg)	(mg/kg)

ANALYSIS DATE	03/30/10	03/30/10	03/30/10
H19571-1** SOURCE BTM GRAB @ 8FT	<10.0	<10.0	96
Quality Control	569	500	500
True Value QC	500	500	500
% Recovery	114	100	100
Relative Percent Difference	0.5	2.6	< 0.1

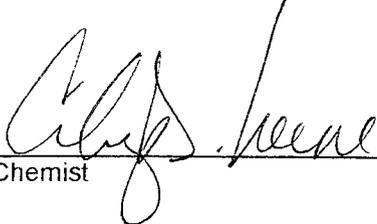
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METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-ClB

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

Reported on wet weight.

\*\*TPH second surrogate outside historical limits due to matrix interference.

  
 Chemist

  
 Date

H19571 TCL RICE



# ARDINAL LABORATORIES

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**Company Name:** Rice Operating Company  
**Project Manager:** Bruce Baker  
**Address:** 122 West Taylor  
**City:** Hobbs  
**Phone #:** 575-393-9174  
**State:** NM **Zip:** 88240  
**Project #:**  
**Project Name:** EME D-17 EOL 21130  
**Project Location:** EME D-17 EOL 21130  
**Sampler Name:** Jordan Woodfin

Lab I.D.	Sample I.D.	CONTAINERS		MATRIX			PRESERV			SAMPLING			
		(G) RAB OR COMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE
H19571-1	Source Brn Grabs @ BFT	12	1			✓				✓		3-29-10	11:15 am

COPY

ANALYSIS REQUEST										
Chlorides	TPH 8015 M	BTEX	Texas TPH							

**Relinquished By:** Jordan Woodfin  
**Relinquished By:** Jordan Woodfin  
**Delivered By:** (Circle One) *Jodi Stenson*  
**Sampler:** UPS - Bus - Other: *UPS*

**Received By:** *Jodi Stenson*  
**Date:** 3-29-10  
**Time:** 1:30

**Sample Condition:** Cool  Intact   
 Yes  No

**Phone Result:**  Yes  No  
**Fax Result:**  Yes  No  
**Additional Phone/Fax:**  Yes  No

**REMARKS:** email results jwoodfin@riceswd.com; jpurvis@riceswd.com; bbaker@riceswd.com

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

NEED SAMPLES BACK, PLEASE

#26

# RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240  
 PHONE: (575) 393-9174 FAX: (575) 397-1471  
 PID METER CALIBRATION & FIELD REPORT FORM

Check Model Number:


Model: PGM 7300 Serial No: 590-000509  
 Model: PGM 7300 Serial No: 590-000508  
 Model: PGM 7300 Serial No: 590-000504


Model: PGM 7600 Serial No: 110-023920  
 Model: PGM 7600 Serial No: 110-013744  
 Model: PGM 7600 Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 924503	EXPIRATION DATE: 7-5-12
FILL DATE: 7-1-09	METER READING ACCURACY: 98.6

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	D-17 EOL	D	17	21 S	36 E

SAMPLE ID	PID	SAMPLE ID	PID
Source		Background	
4'	0.8	10"	0.1
5'	0.6		
6'	0.3		
7'	0.7		
8'	0.3		

COPY

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

SIGNATURE: 

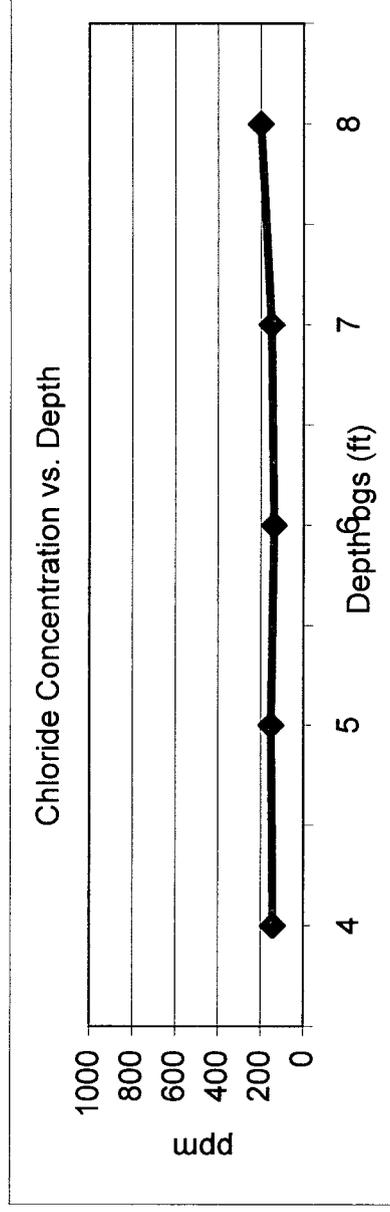
DATE: 3-29-10

# EME D-17 EOL

Unit 'D', Sec. 17, T21S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
4	143
5	152
6	138
7	150
8	201



Groundwater = 234 ft.