

1R - 427-252

REPORTS

DATE:

10-27-08

# EME Duke Eunice Plant EOL

1R427-252

RECEIVED  
MAR 25 2009  
Environmental Bureau  
Oil Conservation Division

# 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)	Duke Eunice Plant EOL	G	5	21S	36E	Lea	moved 15 ft northwest		

LAND TYPE: BLM \_\_\_\_\_ STATE X FEE LANDOWNER \_\_\_\_\_ OTHER \_\_\_\_\_

Depth to Groundwater 184 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 8/21/2007 Date Completed 7/10/2008 OCD Witness no

Soil Excavated n/a cubic yards Excavation Length n/a Width n/a Depth n/a feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date 8/21/2007 Sample Depth 7 ft

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

**CHLORIDE FIELD TESTS**

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE 7' GRAB	0.5	<10.0	30.4	240

LOCATION	DEPTH	mg/kg
background	1'	198
hand auger at the junction (source)	5'	392
	6'	479
	7'	317

General Description of Remedial Action: This junction was addressed during the pipeline replacement/upgrade program. A new, watertight junction box was built 15 ft northwest of the former. After the former box was removed, an investigation was conducted using hand auger to collect soil samples at regular intervals. Field data suggests the site is low in organic vapors, and chloride concentrations in the soil are similar to that of the background. The deepest sample, 7 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH, confirming low concentrations. The excavated soil was returned to the excavation and contoured to the surrounding area. On 7/10/2008, 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 screenings, chloride curve

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

SITE SUPERVISOR John Brooks SIGNATURE not available COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 10-27-08

# EME Duke Eunice Plant EOL

Unit G, Section 5, T21S, R36E



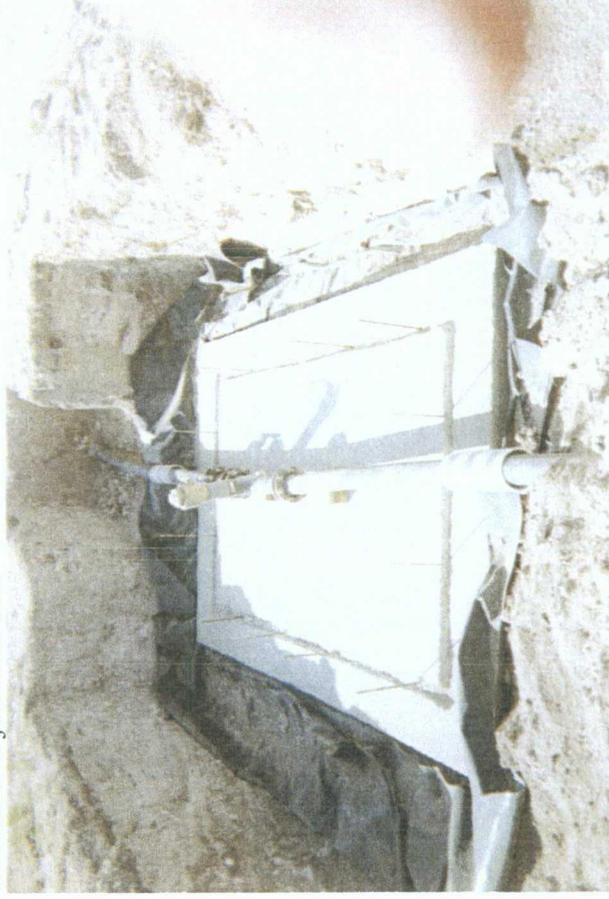
undisturbed junction box

8/21/2007



plumbing at former junction box

5/29/2008



plumbing at new junction box

6/9/2008



seeding backfilled site with new, watertight junction box on right

07/10/2008

7/10/2008



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

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

RECEIVED

AUG 27 2007

RICE OPERATING  
HOBBS NM

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

Receiving Date: 08/22/07  
Reporting Date: 08/23/07  
Project Number: NOT GIVEN  
Project Name: NOT GIVEN  
Project Location: EME DUKE EUNICE PLANT G-5

Sampling Date: 08/21/07  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: BC  
Analyzed By: BC/KS

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)
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ANALYSIS DATE	08/22/07	08/22/07	08/22/07
H13150-1 SOURCE @ 7' BGS	<10.0	30.4	240
Quality Control	791	789	500
True Value QC	800	800	500
% Recovery	98.8	98.6	100
Relative Percent Difference	4.4	3.6	<0.1

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

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

Bryan J. Cooke  
Chemist

8/23/07  
Date

H13150 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 analysis. 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.



**COPY**

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**CARDINAL LABORATORIES, INC.**  
2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240  
(325) 673-7001 Fax (325) 673-7020 (505) 393-2326 Fax (505) 393-2476

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

**Company Name:** Nice Operations Co. **P.O. #:** \_\_\_\_\_

**Project Manager:** Ray Ralston **Company:** \_\_\_\_\_

**Address:** 100 W Tealok **City:** Hobbs **State:** NM **Zip:** 88240

**Phone #:** 325-9174 **Fax #:** 325-1471 **Acid/Basin:** \_\_\_\_\_

**Project #:** \_\_\_\_\_ **Project Owner:** \_\_\_\_\_

**Project Name:** \_\_\_\_\_ **Other:** \_\_\_\_\_

**Project Location:** EME Duke Eunice Plant G-5 **Matrix:** \_\_\_\_\_

**Sampler Name:** \_\_\_\_\_ **Project Name:** \_\_\_\_\_

**Lab I.D.:** \_\_\_\_\_ **Sample I.D.:** HB150-1 Source @ 7 BGS

**DATE:** 8-21-07 **TIME:** 2:45 PM

**Matrix:**  GROUNDWATER  WASTEWATER  SOIL  OIL  SLUDGE  OTHER: \_\_\_\_\_

**Preserv.:**  ICE/COOL  OTHER: \_\_\_\_\_

**Containers:**  7  1

**Analysis Request:** \_\_\_\_\_

**Remarks:** TPH 8015 M - 12

**Phone Result:**  Yes  No **Fax Result:**  Yes  No

**REMARKS:** Smith-Hennessy@rice.snv.com  
CC to J.Purvis@rice.snv.com

**Received By:** John B. Nocker **Date:** 8-22-07 **Time:** 12:28 AM

**Delivered By:** Ray Ralston **Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Sampler:** UFS - Sus - Other: \_\_\_\_\_

**PLEASE NOTE:** Laboratory liability and client's requests remain the client's responsibility. Payment for this report is limited to the amount paid by the client for this report. The report is not to be used for any other purpose. The report is not to be used for any other purpose. The report is not to be used for any other purpose.



# CHLORIDE CONCENTRATION CURVE

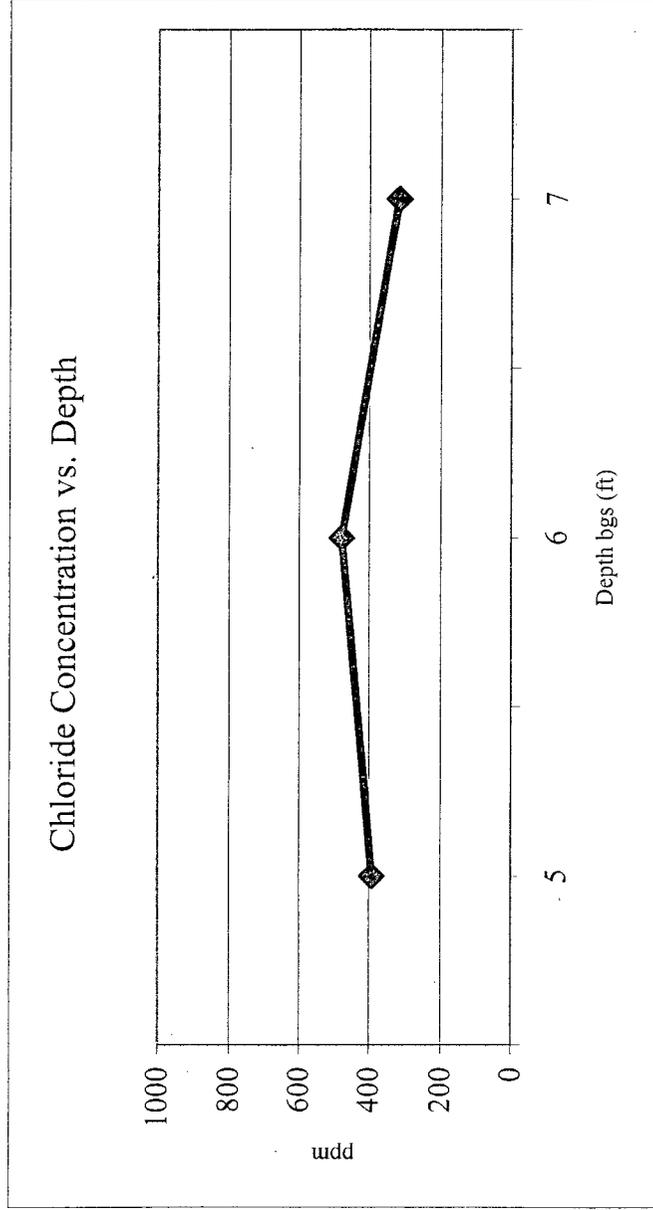
RICE Operating Company

## EME Duke Eunice Plant EOL

Unit 'G', Sec. 5, T21S, R36E

Backhoe samples at junction (source)

Depth bgs (ft)	[G] ppm
5	392
6	479
7	317



Groundwater = 184 ft