

1R - 427-288

REPORTS

DATE:

9-11-08

53

EME Vent C-8

1R427-288  
288

RECEIVED  
MAR 25 2006  
Environmental Bureau  
Oil Conservation Division

# Disclosure

## BOX LOCATION

\*This site is a "DISCLOSURE." It will be placed on a prioritized list of similar sites for further consideration.

# EME Jct. C-8 vent

Unit C, Section 8, T20S, R37E



undisturbed junction box, facing north

9/24/2004



vertical delineation trench 10 ft south of junction (source)

9/20/2006



excavation of 5 ft south vertical

9/18/2006



backfilling of excavation site

10/12/2006



# EME Jct. C-8 vent

Unit C, Section 8, T20S, R37E



spreading clean, imported top soil

10/19/2006



site complete, facing south

10/19/2006



seeding backfilled site

10/25/2006



new, watertight junction box

10/30/2006



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

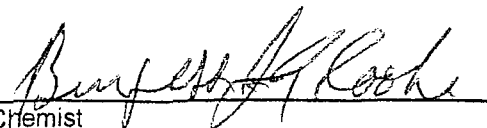
Receiving Date: 09/27/06  
Reporting Date: 09/28/06  
Project Number: NOT GIVEN  
Project Name: EME VENT C-8  
Project Location: NOT GIVEN

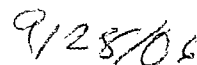
Sampling Date: 09/26/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: HM  
Analyzed By: BC/HM

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	(>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	(mg/Kg)
ANALYSIS DATE		09/26/06	09/26/06	09/27/06
H11578-2	BTTM FIELD COMP @ 12'	<10.0	325	576
H11578-3	BACKFILL COMP	<10.0	269	352
H11578-4	4 WALL COMP 30x30	<10.0	21.9	64
Quality Control		780	784	490
True Value QC		800	800	500
% Recovery		97.5	98.0	98.0
Relative Percent Difference		2.2	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.

  
Chemist

  
Date

H11578A

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.



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

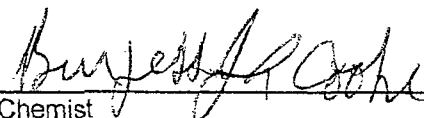
COPY

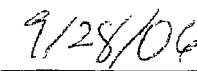
Receiving Date: 09/27/06  
Reporting Date: 09/28/06  
Project Number: NOT GIVEN  
Project Name: EME VENT C-8  
Project Location: NOT GIVEN

Sampling Date: 09/26/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: HM  
Analyzed By: BC

LAB NO.	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		09/27/06	09/27/06	09/27/06	09/27/06
H11578-1	COMPOSITE, BTTM #1-#5	<0.005	<0.005	<0.005	<0.015
H11578-2	BTTM FIELD COMP @ 12'	<0.005	<0.005	<0.005	<0.015
Quality Control		0.105	0.104	0.105	0.305
True Value QC		0.100	0.100	0.100	0.300
% Recovery		105	104	105	102
Relative Percent Difference		4.5	1.4	0.6	1.5

METHOD: EPA SW-846 8260

  
Chemist

  
Date

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.



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

BILL TO										ANALYSIS REQUEST	
Company Name: RICE OPER. CO.										P.O. #:	
Project Manager: Roy R. Rascon										Company:	
Address: 122 W. TAYLOR										Attn:	
City: Hobbs, NM zip: 88240										Address:	
Phone #: 393-9174										City:	
Project #: EME Vent C-8 Project Owner:										State:	
Project Name: ---										Zip:	
Project Location: ---										Phone #:	
Sampler Name: X-16										Fax #:	
FOR LAB USE ONLY											
Lab I.D.	Sample I.D.	MATRIX		PRESERV.		SAMPLING		DATE		TIME	
		GROUNDWATER	WASTEWATER	SOL	SLUDGE	OTHER:	ACID/BASE:	ICE/COOL	OTHER:		
H11528-1	BTM #1	✓	✓	✓	✓	✓	✓	✓	✓	9-26-06	300 P
	BTM #2	✓	✓	✓	✓	✓	✓	✓	✓		
	BTM #3	✓	✓	✓	✓	✓	✓	✓	✓		
	BTM #4	✓	✓	✓	✓	✓	✓	✓	✓		
	BTM #5	✓	✓	✓	✓	✓	✓	✓	✓		
-2	BTM Field Comp @ 12'	✓	✓	✓	✓	✓	✓	✓	✓		
-3	BACKFILL Comp	✓	✓	✓	✓	✓	✓	✓	✓	200 P	
-4	4 Wall Comp 30X30'	✓	✓	✓	✓	✓	✓	✓	✓	1200 P	

PLEASE NOTE: Liability and Damages. Cardinal'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 services. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable services. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, 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 listed reasons or otherwise.

Sampler Relinquished By: *X-16* Date: 9-27-06 Time: 10:24 AM

Relinquished By: *X-16* Date: 09-27-06 Time: 10:24

Received By: (Lab Staff) *Hope S. Mason*

Delivered By: (Circle One) *Sample* - UPS - Bus - Other:

Sample Condition Temp. °C *Intact?* ☒ Yes ☐ No

Checked By: (Initials) *Hope S. Mason*

Phone Result: ☐ Yes ☐ No

Fax Result: ☐ Yes ☐ No

REMARKS: BTM #1-5 composite in Lab & Run BTEX

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



# 2008 BTEX Study

# Revised Junction Box Upgrade Plan (2003)

System: EME  
Site: Jct. C-8 vent

Date: 9/26/2006  
Sampler: Noel Carmona

Laboratory: Cardinal Laboratories

Location	Component	PID reading (ppm)	FIELD COMPOSITE (mg/kg)			
			Benzene	Toluene	Ethyl Benzene	Total Xylenes
bottom composite at 12 ft BGS	1	0.1	<0.005	<0.005	<0.005	<0.015
	2	3.2				
	3	235.0				
	4	33.5				
	5	18.2				
			LAB COMPOSITE (mg/kg)			
			<0.005	<0.005	<0.005	<0.015

Field PID tests <100 ppm are considered final for BTEX. If PID is >100 ppm, the components of the BTEX composite sample will be collected individually and will be composited under laboratory conditions to prevent excessive volatilization. A 15-box, 30-sample study will be made to compare field-compositing with lab-compositing BTEX samples. Composite components are collected in a skewed 'W' pattern.

Revised Junction Box Upgrade Work Plan (July 16, 2003)

# CHLORIDE CONCENTRATION CURVE

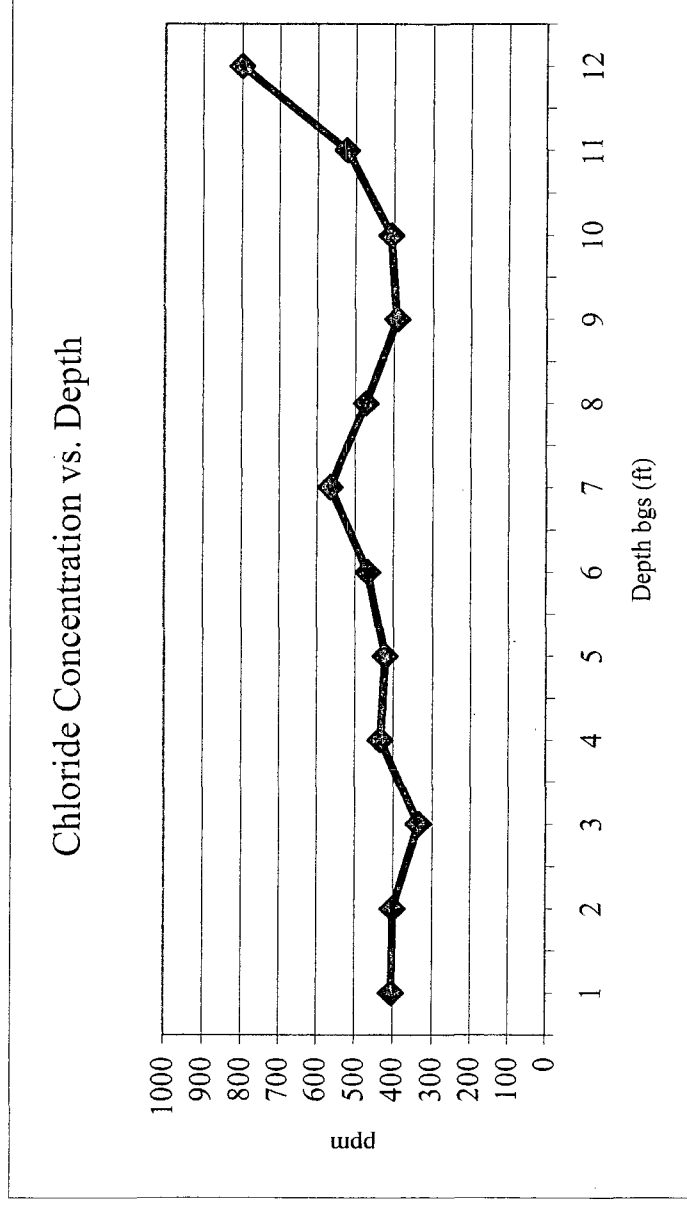
RICE Operating Company

## EME Jct. C-8 vent

unit 'C', Sec. 8, T20S, R37E

Backhoe samples at 15 ft south of the junction (source)

Depth bgs (ft)	Cl <sup>-</sup> ppm
1	404
2	401
3	336
4	433
5	422
6	466
7	566
8	472
9	392
10	407
11	523
12	800



Groundwater = 40 ft