

**1R - 427 - 137**

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# **REPORTS**

**DATE:**

**4-5-2004**

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ZME T. Closson ECL

1R0427-137

# FINAL REPORT

**RICE OPERATING COMPANY  
JUNCTION BOX CLOSURE REPORT**

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
EME	T. Closson EOL	J	6	22S	36E	Lea	Length	Width	Depth
							eliminated		

LAND TYPE: BLM   X   STATE            FEE LANDOWNER                                    OTHER                                   

Depth to Groundwater   180   feet NMOCD SITE ASSESSMENT RANKING SCORE:   0  

Date Started   12/4/2003   Date Completed   3/18/2004   OCD Witness   No  

Soil Excavated   ~71 (4 trenches)   cubic yards Excavation Length   10   Width   3   Depth   12   feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date   12/11/2003, 3/18/2004   Sample Depth   12, 60 ft  

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

**CHLORIDE FIELD TESTS**

Sample Location	PID mg/kg	GRO mg/kg	DRO mg/kg	Chloride mg/kg
VERTICAL @ 12 ft	1773	168	1420	624
20 ft west @ 11 ft	1012	20.6	788	1680
20 ft west @ 60 ft	66	<10.0	<10.0	372

LOCATION	DEPTH (ft)	ppm
vertical	4	929
	6	415
	8	298
	10	332
	12	237
20 ft west	4	387
	6	938
	8	944
	10	1121
	11	1461
soil bore	15	896
20 ft west	20	956
	25	907
	30	696
	35	725
	40	539
	45	320
	60	421

**General Description of Remedial Action:** This End-Of-Line box was located just outside the fence of an active production battery. The surface surrounding the box is visibly impacted by TPH and has hydrocarbon staining (see photos). The box was removed and the site was delineated with a backhoe while PID readings and chloride tests were regularly performed. Chloride concentrations west of the junction warranted further delineation. NMOCD TPH guidelines were met, but elevated PID readings were observed. On 3/18/2004, a soil bore was conducted and advanced to a depth of 60 ft. Based on the depth to groundwater and the declination trend of chloride concentrations with depth, groundwater is not threatened by this junction box. Soil bore PID readings were low and the 60 ft sample showed NMOCD TPH guidelines were met. A new junction box will not be re-built here and has been eliminated.

enclosures: chloride graph, photos, lab results, PID results, soil bore log

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

DATE   4/5/2004   PRINTED NAME   Kristin Farris  

SIGNATURE   Kristin Farris   TITLE   Project Scientist

## EME T. Closson EOL



Undisturbed EOL box (north side of battery) 11/17/2003



Delineation & excavation 12/9/2003



Excavation prior to backfilling (looking south) 12/12/2003



Backfilled site surrounded by asphaltine surface near battery 12/18/2003





3-18-04 EME T. CLOSSON EOL SOIL BORE 20' WEST



3-18-04 EME T. CLOSSON EOL SOIL BORE 20' WEST

# LOG OF BORING

K. Farris  
RICE Operating Company

<b>Logger:</b>		Israel Juarez; Mort Bates		<b>Client:</b>		Well ID:	
<b>Driller:</b>		Atkins Engineering Associates, Inc.		RICE Operating Company		<b>SB-1</b>	
<b>Drilling Method:</b>		Hollow Stem Auger		<b>Project Name:</b>			
<b>Start Date:</b>		3/18/2004		T. Closson EOL			
<b>End Date:</b>		3/18/2004		<b>Location:</b>			
<b>Notes:</b>		Approximately 20 ft West of former junction TD = 62 ft      Groundwater = 180 ft				EME SWD System Sec. 3, T22S, R36E6 Lea County, NM	

Depth (feet)	Split Spoon chloride	PID	Description	Lithology	Additional Notes
0.0			0-11 ft Silty Sand: loose, brown, damp		remainder of bore backfilled with drill cuttings
2.0					
4.0					
6.0					
8.0					
10.0					
12.0			11-30 ft Caliche with Silty Sand: firm, light tan, damp		
14.0	896	194			
16.0					
18.0					
20.0	956	1185			
22.0					
24.0					
26.0	907	195			
28.0					
30.0	696	245			
32.0			30-40 ft Poorly-graded Sand: light tan, dry		
34.0	725	59.1			
36.0					
38.0					
40.0	539	129			
42.0					
44.0			40-62 ft Poorly-graded sand: loose, tan, dry		
46.0	320	119			
48.0					
50.0	419	55			
52.0					
54.0					
56.0	308	122			
56.0	454	108			
58.0	466	41.9			
58.0	350	50.7			
60.0	413	49.6			
60.0	421	66			
62.0					

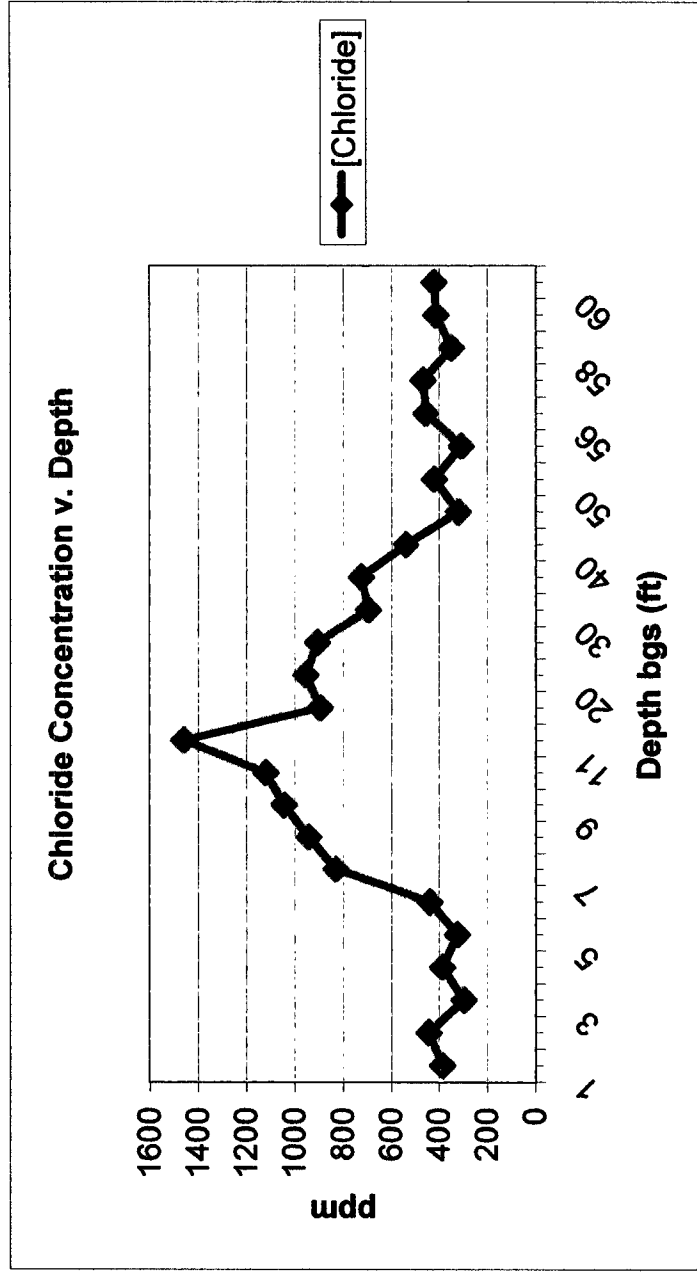
57-62 ft hydrated bentonite plug	lab = 372 ppm Cl <sup>-</sup>
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# EME T. Closson EOL

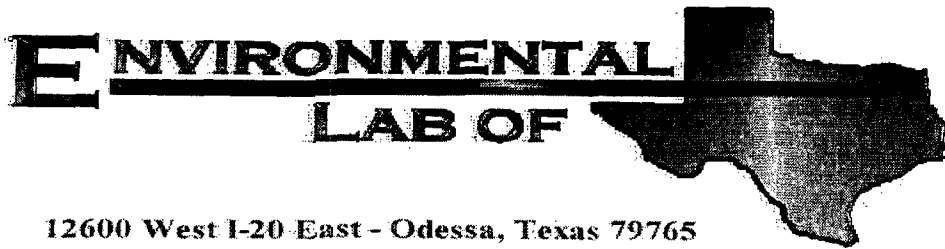
Unit J, Sec. 6, T22S, R36E

20 ft west of junction

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
1	386
2	442
3	297
4	387
5	324
6	438
7	831
8	944
9	1046
10	1121
11	1461
15	896
20	956
25	907
30	696
35	725
40	539
45	320
50	419
55	308
56	454
57	466
58	350
59	413
60	421



Groundwater = 180 ft



## Analytical Report

**Prepared for:**

Roy Rascon  
Rice Operating Co.  
122 W. Taylor  
Hobbs, NM 88240

Project: EME T. Clossen  
Project Number: None Given  
Location: EME

Lab Order Number: 4C19009

Report Date: 03/23/04



Rice Operating Co.  
122 W. Taylor  
Hobbs NM, 88240

Project: EME T. Clossen  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
03/23/04 17:21

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EME T. Clossen @ 60'	4C19009-01	Soil	03/18/04 16:32	03/19/04 16:35

Rice Operating Co.  
122 W. Taylor  
Hobbs NM, 88240

Project: EME T. Clossen  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

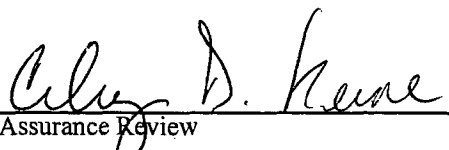
Reported:  
03/23/04 17:21

**Organics by GC**  
**Environmental Lab of Texas**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>EME T. Clossen @ 60' (4C19009-01)</b>									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EC42207	03/22/04	03/22/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		85.6 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		78.0 %	70-130		"	"	"	"	

Environmental Lab of Texas

*The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.*

  
Quality Assurance Review

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Rice Operating Co.  
122 W. Taylor  
Hobbs NM, 88240

Project: EME T. Clossen  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

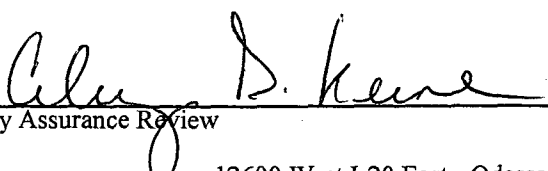
Reported:  
03/23/04 17:21

**General Chemistry Parameters by EPA / Standard Methods**  
**Environmental Lab of Texas**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EME T. Clossen @ 60' (4C19009-01)									
Chloride	372	20.0	mg/kg Wet	2	EC42210	03/21/04	03/21/04	SW 846 9253	
% Solids	95.0		%	1	EC42301	03/23/04	03/23/04	% calculation	

Environmental Lab of Texas

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Quality Assurance Review

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Rice Operating Co.  
122 W. Taylor  
Hobbs NM, 88240

Project: EME T. Clossen  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
03/23/04 17:21

**Organics by GC - Quality Control**  
**Environmental Lab of Texas**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch EC42207 - Solvent Extraction (GC)**

**Blank (EC42207-BLK1)**

Prepared & Analyzed: 03/22/04

Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	39.3		mg/kg	50.0		78.6	70-130			
Surrogate: 1-Chlorooctadecane	36.1		"	50.0		72.2	70-130			

**Blank (EC42207-BLK2)**

Prepared: 03/22/04 Analyzed: 03/23/04

Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	36.4		mg/kg	50.0		72.8	70-130			
Surrogate: 1-Chlorooctadecane	35.5		"	50.0		71.0	70-130			

**LCS (EC42207-BS1)**

Prepared & Analyzed: 03/22/04

Gasoline Range Organics C6-C12	414	10.0	mg/kg wet	500		82.8	75-125			
Diesel Range Organics >C12-C35	502	10.0	"	500		100	75-125			
Total Hydrocarbon C6-C35	916	10.0	"	1000		91.6	75-125			
Surrogate: 1-Chlorooctane	49.1		mg/kg	50.0		98.2	70-130			
Surrogate: 1-Chlorooctadecane	36.8		"	50.0		73.6	70-130			

**LCS (EC42207-BS2)**

Prepared: 03/22/04 Analyzed: 03/23/04

Gasoline Range Organics C6-C12	407	10.0	mg/kg wet	500		81.4	75-125			
Diesel Range Organics >C12-C35	478	10.0	"	500		95.6	75-125			
Total Hydrocarbon C6-C35	885	10.0	"	1000		88.5	75-125			
Surrogate: 1-Chlorooctane	40.7		mg/kg	50.0		81.4	70-130			
Surrogate: 1-Chlorooctadecane	35.8		"	50.0		71.6	70-130			

**LCS Dup (EC42207-BSD1)**

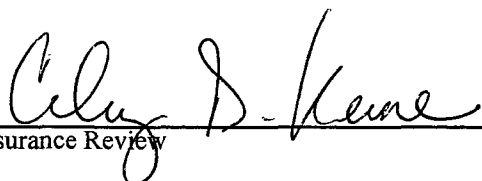
Prepared & Analyzed: 03/22/04

Gasoline Range Organics C6-C12	447	10.0	mg/kg wet	500		89.4	75-125	7.67	20	
Diesel Range Organics >C12-C35	492	10.0	"	500		98.4	75-125	2.01	20	
Total Hydrocarbon C6-C35	939	10.0	"	1000		93.9	75-125	2.48	20	
Surrogate: 1-Chlorooctane	43.0		mg/kg	50.0		86.0	70-130			
Surrogate: 1-Chlorooctadecane	37.1		"	50.0		74.2	70-130			

Environmental Lab of Texas

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Quality Assurance Review



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Rice Operating Co.  
122 W. Taylor  
Hobbs NM, 88240

Project: EME T. Clossen  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
03/23/04 17:21

**Organics by GC - Quality Control**  
**Environmental Lab of Texas**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch EC42207 - Solvent Extraction (GC)**

**LCS Dup (EC42207-BSD2)**

Prepared: 03/22/04 Analyzed: 03/23/04

Gasoline Range Organics C6-C12	424	10.0	mg/kg wet	500		84.8	75-125	4.09	20	
Diesel Range Organics >C12-C35	528	10.0	"	500		106	75-125	9.94	20	
Total Hydrocarbon C6-C35	952	10.0	"	1000		95.2	75-125	7.29	20	
Surrogate: 1-Chlorooctane	41.6		mg/kg	50.0		83.2	70-130			
Surrogate: 1-Chlorooctadecane	36.3		"	50.0		72.6	70-130			

**Calibration Check (EC42207-CCV1)**

Prepared & Analyzed: 03/22/04

Gasoline Range Organics C6-C12	502		mg/kg	500		100	80-120			
Diesel Range Organics >C12-C35	577		"	500		115	80-120			
Total Hydrocarbon C6-C35	1080		"	1000		108	80-120			
Surrogate: 1-Chlorooctane	56.8		"	50.0		114	70-130			
Surrogate: 1-Chlorooctadecane	46.5		"	50.0		93.0	70-130			

**Calibration Check (EC42207-CCV2)**

Prepared: 03/22/04 Analyzed: 03/23/04

Gasoline Range Organics C6-C12	499		mg/kg	500		99.8	80-120			
Diesel Range Organics >C12-C35	571		"	500		114	80-120			
Total Hydrocarbon C6-C35	1070		"	1000		107	80-120			
Surrogate: 1-Chlorooctane	57.1		"	50.0		114	70-130			
Surrogate: 1-Chlorooctadecane	48.5		"	50.0		97.0	70-130			

Environmental Lab of Texas

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Quality Assurance Review

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Rice Operating Co.  
122 W. Taylor  
Hobbs NM, 88240

Project: EME T. Clossen  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
03/23/04 17:21

**General Chemistry Parameters by EPA / Standard Methods - Quality Control**  
**Environmental Lab of Texas**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch EC42210 - General Preparation (WetChem)**

**Blank (EC42210-BLK1)**

Prepared & Analyzed: 03/21/04

Chloride ND 20.0 mg/kg Wet

**Matrix Spike (EC42210-MS1)**

Source: 4C12017-04

Prepared & Analyzed: 03/21/04

Chloride 11200 20.0 mg/kg Wet 500 10600 120 80-120

**Matrix Spike Dup (EC42210-MSD1)**

Source: 4C12017-04

Prepared & Analyzed: 03/21/04

Chloride 11200 20.0 mg/kg Wet 500 10600 120 80-120 0.00 20

**Reference (EC42210-SRM1)**

Prepared & Analyzed: 03/21/04

Chloride 5000 mg/kg 5000 100 80-120

**Batch EC42301 - % Solids**

**Blank (EC42301-BLK1)**

Prepared & Analyzed: 03/23/04

% Solids 100 %

**Duplicate (EC42301-DUP1)**

Source: 4C19006-01

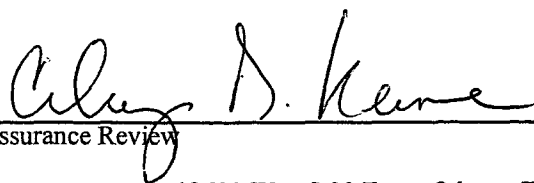
Prepared & Analyzed: 03/23/04

% Solids 97.0 % 97.0 0.00 20

Environmental Lab of Texas

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Quality Assurance Review





Rice Operating Co.  
122 W. Taylor  
Hobbs NM, 88240

Project: EME T. Clossen  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

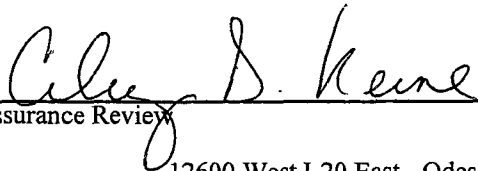
Reported:  
03/23/04 17:21

### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference

Environmental Lab of Texas

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Quality Assurance Review

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12600 West I-20 East  
Odessa, Texas 79763  
Phone: 915-563-1800  
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Name: ERE T. Clossen

Project #:

Project Loc: EME

PO #:

**Fax No:**

Sampler Signature: *David Quinn*

[illegible]

**Special Instructions:**

Special Instructions:				Sample Container's Initials		Y	N
				Temperature Upon Receipt			
				Laboratory Comments			
Relinquished by:		Date	Time	Received by:		Date	Time
<i>[Signature]</i>		3-19	4:35				
Relinquished by:		Date	Time	Received by ELOF:		Date	Time
				<i>[Signature]</i>		3-19-04	1635

# Environmental Lab of Texas

## Variance / Corrective Action Report – Sample Log-In

Client: Rice Oper.

Date/Time: 03-19-04 @ 1700

Order #: 4C19009

Initials: JMM

### Sample Receipt Checklist

Temperature of container/cooler?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	2-D	C
Shipping container/cooler in good condition?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	N/A	
Custody Seals intact on shipping container/cooler?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<u>Not present</u>	
Custody Seals intact on sample bottles?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<u>Not present</u>	
Chain of custody present?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Sample Instructions complete on Chain of Custody?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Chain of Custody signed when relinquished and received?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Chain of custody agrees with sample label(s)	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Container labels legible and intact?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Sample Matrix and properties same as on chain of custody?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Samples in proper container/bottle?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Samples properly preserved?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Sample bottles intact?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Preservations documented on Chain of Custody?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Containers documented on Chain of Custody?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Sufficient sample amount for indicated test?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
All samples received within sufficient hold time?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
VOC samples have zero headspace?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	Not Applicable	

Other observations:

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### Variance Documentation:

Contact Person: - \_\_\_\_\_ Date/Time: \_\_\_\_\_ Contacted by: \_\_\_\_\_

Regarding:

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Corrective Action Taken:

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# ARDINAL LABORATORIES

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

Receiving Date: 12/12/03  
Reporting Date: 12/15/03  
Project Number: NOT GIVEN  
Project Name: McCASLAND T CLOSSON  
Project Location: LEA CO., NM

Sampling Date: 12/11/03  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: BC  
Analyzed By: BC/AH

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)	Cl* (mg/Kg)
ANALYSIS DATE	12/12/03	12/12/03	12/12/03
H8247-1 VERT. AT SOURCE BTM. 12	168	1420	624
H8247-2 LATERAL 20' W BOTTOM 11	20.6	788	1680
Quality Control	795	833	940
True Value QC	800	800	1000
% Recovery	99.4	104	94.0
Relative Percent Difference	10.7	9.5	7.4

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-ClB  
\*Analysis performed on a 1:4 w:v aqueous extract.

*Bernard J. Roth*  
Chemist

12/15/03  
Date

H8247.XLS

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 101 East Marland, Hobbs, NM 88240  
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2470

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

### ANALYSIS REQUEST

Company Name: RICE Operating Company  
Project Manager: Kristin Farris

Address: 122 W. Taylor State: NM Zip: 88240

City: Hobbs, Phone #: 393-9174 Fax #: 397-1471

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

Project Name: McCasland T Closson

Project Location: Lee

Sampler Name: Geoff Stahl

Font color city

Lab I.D. Sample I.D.

HS247-1	Vertical at Source	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE:	ICE/COOL	OTHER:	DATE	TIME
-2	Vertical 80' West	G	6	1									12/1	2:55
	Bottom 11	G	6	1									12/1	2:50

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Relinquished By: \_\_\_\_\_ Date: 12/1/12 Time: 8:01  
Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Delivered By: (Circle One) Geoff Stahl  
Sampler - UPS - Bus - Other: \_\_\_\_\_

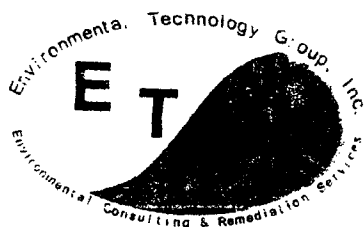
Sample Condition: Good Intact: Yes Cool: Yes (Initials) \_\_\_\_\_

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

Phone Result: ☐ Yes ☐ No Add'l Phone #: \_\_\_\_\_  
Fax Result: ☐ Yes ☐ No Add'l Fax #: \_\_\_\_\_

REMARKS: Fast copy to file

Terms and Conditions: Material will be changed to all accounts more than 30 days past due at the rate of 24% per month from the original date of invoice, and all costs of collection, including attorney's fees.



# ENVIRONMENTAL TECHNOLOGY GROUP, INC.

2540 WEST MARLAND

HOBBS, NEW MEXICO 88240

PHONE: (505) 397-4882 FAX: (505) 397-4701

## VOC FIELD TEST REPORT FORM

MINI RAE PLUS CLASSIC PHOTOIONIZATION GAS DETECTOR

MODEL NO: PGM 761S

CALIBRATION GAS:

GAS COMPOSITION: ISOBUTYLENE

AIR

SERIAL NO: 103999

100 PPM

BALANCE

FILL DATE: 12-9-03

ACCURACY: 100 PPM  $\pm$  2%

LOT NO: 67401

EXP. DATE: 11/04

METER READING

ACCURACY: 99.4

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
EME	Southwest Royalties	J	6	T22S	R36E

SAMPLE	PID RESULT	SAMPLE	PID RESULT
Vertical			
at Source			
12'	1773		

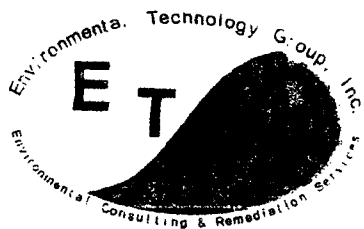
I certify that I have calibrated the above instrument in accordance to the manufacture operation manual.

[Signature]  
Signature

Field Tech  
Title

12-9-03  
Date





# ENVIRONMENTAL TECHNOLOGY GROUP, INC.

2540 WEST MARLAND

HOBBS, NEW MEXICO 88240

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## VOC FIELD TEST REPORT FORM

MINI RAE PLUS CLASSIC PHOTOIONIZATION GAS DETECTOR

MODEL NO: PGM 761S

SERIAL NO: 103999

CALIBRATION GAS

GAS COMPOSITION: ISOBUTYLENE

100 PPM

AIR

BALANCE

LOT NO: 67401

FILL DATE: 12-9-03

EXP. DATE: 11/04

ACCURACY: 100 PPM ± 2%

METER READING

ACCURACY: 99.8

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
EME	Southwest Project	0	6	22	36

SAMPLE	PID RESULT	SAMPLE	PID RESULT
Lateral			
20' West			
11'	2010		
Lateral			
20' North			
10'	1880		
Lateral			
20' East			
11'	1012		

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

Mary Shaw Field Tech 12-9-03  
Signature Title Date

**RICE OPERATING COMPANY**

122 WEST TAYLOR

HOBBS, NEW MEXICO 88240

PHONE: (505) 393-9174 FAX: (505) 397-1471

**VOC FIELD TEST REPORT FORM**

MINI RAE PLUS CLASSIC PHOTOIONIZATION GAS DETECTOR

MODEL NO: PGM 761S

SERIAL NO: 104412

CALIBRATION GAS

GAS COMPOSITION: ISOBUTYLENE  
AIR

100 PPM

BALANCE

LOT NO: 02-2230FILL DATE: 5-20-03EXP. DATE: 11-20-04ACCURACY: 100 % 2%

METER READING

ACCURACY: 100.1

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
E.M.E.	T. Closson	J	6 <del>20</del>	22	36

SAMPLE	PID RESULT	SAMPLE	PID RESULT
@ 15'	194	60'	66
20'	118.5		
25'	19.5		
30'	245		
35'	59.1		
40'	129		
45'	119		
50'	55		
55'	122		
56'	108		
57'	41.9		
58'	50.7		
59'	49.6		

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

Israel Suarez  
Signature

3-18-04  
Date