

1R - 427 - 95

REPORTS

DATE:

3-27-2003

1R0427-95

DISCLOSURE REPORT

**RICE OPERATING COMPANY
JUNCTION BOX DISCLOSURE REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
EME	P-13 EOL	P	13	19 S	36 E	Lea	Length	Width	Depth
							Moved 200' east		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER El Paso Natural Gas OTHER _____

Depth to Groundwater 53 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 4/8/2002 Date Completed 4/16/2003 OCD Witness No

Soil Excavated 433 cubic yards Excavation Length 30 Width 30 Depth 13 feet

Soil Disposed 36 cubic yards Offsite Facility South Monument Location Monument, NM

FINAL ANALYTICAL RESULTS: Sample Date 4/10/2003 Sample Depth 13' bgs

Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

Sample Location	Benzene mg/kg	Toluene mg/kg	Ethyl Benzene mg/kg	Total Xylenes mg/kg	GRO mg/kg	DRO mg/kg	Chlorides mg/kg
SIDEWALLS	<0.025	0.248	0.153	1.161	1380	2130	1360
BOTTOM	<0.025	0.0355	0.0978	0.803	632	64.6	1740
REMEDIATED	<0.025	<0.025	<0.025	<0.025	<10.0	354	<20.0

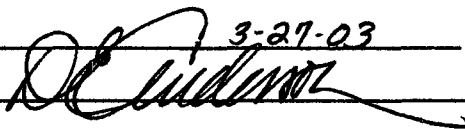
General Description of Remedial Action: A 30' x 30' x 13' excavation exhibited relatively consistent chloride impact vertically and TPH concentrations did not meet NMOCD guidelines so a compacted clay barrier was installed at the bottom of the excavation and the soil was blended and backfilled. Because the concentrations did not meet guidelines, this site is reported as a disclosure.

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
Vertical	5	200
	9	2100
	13	2800
btm. comp.	13	1900
wall comp.	n/a	1800

cc: lab results, photos, disposal tickets

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

DATE 3-27-03 PRINTED NAME Donnie Anderson
SIGNATURE  TITLE Environmental Projects Leader

EME P-13 EOL



Old Junction Box



NORM Removal With Old Plumbing



Impact Excavation with Clay Barrier



Backfilled



New Plumbing for New Box (with clay barrier)



New Junction Box (200' east)

ANALYTICAL REPORT

Prepared for:

DEREK ROBINSON
RE ENVIRONMENTAL
P.O. BOX 13418
ODESSA, TX 79768

Project: Rice Operating

Order#: G0203050

Report Date: 04/17/2002

p-13
Monstate

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

RE ENVIRONMENTAL
P.O. BOX 13418
ODESSA, TX 79768
366-0804

Order#: G0203050
Project:
Project Name: Rice Operating
Location: Amerada Monstate

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0203050-01	4 PT Wall Comp @ 11'	SOIL	4/10/02 10:00	4/11/02 8:30	4 oz Glass	ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 12C		
	8015M					
	8021B/5030 BTEX.					
	Chloride					
0203050-02	5Pt Bottom Comp @13'	SOIL	4/10/02 14:00	4/11/02 8:30	4 oz Glass	ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 12C		
	8015M					
	8021B/5030 BTEX					
	Chloride					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

DEREK ROBINSON
RE ENVIRONMENTAL
P.O. BOX 13418
ODESSA, TX 79768

Order#: G0203050
Project:
Project Name: Rice Operating
Location: Amerada Monstate

Lab ID: 0203050-01
Sample ID: 4 PT Wall Comp @ 11'

8015M

Method	Date	Date	Sample	Dilution		
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/11/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
DRO, >C12-C35	2130	10.0
GRO, C6-C12	1380	10.0
TOTAL, C6-C35	3510	10.0

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution		
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>	<u>Analyst</u>	<u>Method</u>
0001183-02		4/10/02 21:57	1	25	CK	8021B

Parameter	Result µg/kg	RL
Benzene	25.0	25.0
Ethylbenzene	153	25.0
Toluene	248	25.0
p/m-Xylene	912	25.0
o-Xylene	249	25.0

Lab ID: 0203050-02
Sample ID: 5Pt Bottom Comp @13'

8015M

Method	Date	Date	Sample	Dilution		
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/11/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
DRO, >C12-C35	64.6	10.0
GRO, C6-C12	632	10.0
TOTAL, C6-C35	697	10.0

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 1 of 2

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

DEREK ROBINSON
RE ENVIRONMENTAL
P.O. BOX 13418
ODESSA, TX 79768

Order#: G0203050
Project:
Project Name: Rice Operating
Location: Amerada Monstate

Lab ID: 0203050-02
Sample ID: 5Pt Bottom Comp @13'

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0001183-02		4/10/02 22:19	1	25	CK	8021B

Parameter	Result µg/kg	RL
Benzene	<25.0	25.0
Ethylbenzene	97.8	25.0
Toluene	35.5	25.0
p/m-Xylene	629	25.0
o-Xylene	174	25.0

Approval:

Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 2 of 2

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

DEREK ROBINSON
RE ENVIRONMENTAL
P.O. BOX 13418
ODESSA, TX 79768

Order#: G0203050
Project:
Project Name: Rice Operating
Location: Amerada Monstate

Lab ID: 0203050-01
Sample ID: 4 PT Wall Comp @ 11'

Test Parameters

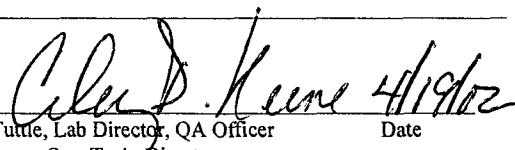
<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	1360	mg/kg	1	5.00	9253	4/11/02	SB

Lab ID: 0203050-02
Sample ID: 5Pt Bottom Comp @13'

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	1740	mg/kg	1	5.00	9253	4/11/02	SB

Approval:


Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

RL = Reporting Limit N/A = Not Applicable

Page 1 of 1

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0203050

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0001182-02			<10.0		
CONTROL	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0001182-03		1000	780	78.0%	
CONTROL DUP	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0001182-04		1000	790	79.0%	1.3%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0001182-05		1000	940	94.0%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0203050

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-µg/kg		0001183-02			<25.0		
Ethylbenzene-µg/kg		0001183-02			<25.0		
Toluene-µg/kg		0001183-02			<25.0		
p/m-Xylene-µg/kg		0001183-02			<25.0		
o-Xylene-µg/kg		0001183-02			<25.0		
CONTROL	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-µg/kg		0001183-03		100	113	113.0%	
Ethylbenzene-µg/kg		0001183-03		100	102	102.0%	
Toluene-µg/kg		0001183-03		100	100	100.0%	
p/m-Xylene-µg/kg		0001183-03		200	220	110.0%	
o-Xylene-µg/kg		0001183-03		100	102	102.0%	
CONTROL DUP	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-µg/kg		0001183-04		100	111	111.0%	1.8%
Ethylbenzene-µg/kg		0001183-04		100	96	96.0%	6.1%
Toluene-µg/kg		0001183-04		100	110	110.0%	9.5%
p/m-Xylene-µg/kg		0001183-04		200	200	100.0%	9.5%
o-Xylene-µg/kg		0001183-04		100	101	101.0%	1.0%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-µg/kg		0001183-05		100	115	115.0%	
Ethylbenzene-µg/kg		0001183-05		100	109	109.0%	
Toluene-µg/kg		0001183-05		100	114	114.0%	
p/m-Xylene-µg/kg		0001183-05		200	230	115.0%	
o-Xylene-µg/kg		0001183-05		100	107	107.0%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0203050

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0001250-01			<5.00		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0203042-12	23000	50000	72700	99.4%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0203042-12	23000	50000	73600	101.2%	1.2%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0001250-04		5000	5050	101.1%	

12600 West I-20 East
Odessa, Texas 79763

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Aprek Robinson

R. E. Environmental

Le...

Quack Robinson

[illegible]

ANALYTICAL REPORT

Prepared for:

**Kristin Farris
Rice Operating
122 W. Taylor
Hobbs, NM 88240**

**Project: P-13 EOL
PO#: 757
Order#: G0306057
Report Date: 03/27/2003**

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Rice Operating
122 W. Taylor
Hobbs, NM 88240
505-397-1471

Order#: G0306057
Project:
Project Name: P-13 EOL
Location: EME

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306057-01	Remed. Comp.	SOIL	3/21/03	3/24/03 19:30	4 oz glass	Ice
<u>Lab Testing:</u>		Rejected: No	Temp:	1.5 C		
8015M						
8021B/5030 BTEX						
Chloride						

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Kristin Farris
Rice Operating
122 W. Taylor
Hobbs, NM 88240

Order#: G0306057
Project:
Project Name: P-13 EOL
Location: EME

Lab ID: 0306057-01
Sample ID: Remed. Comp.

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		3/26/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	354	10.0
TOTAL, C6-C35	354	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	113%	70	130
1-Chlorooctadecane	103%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005052-02		3/25/03 16:20	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	100%	80	120
Bromofluorobenzene	92%	80	120

Approval:

Raland K. Tuttle, Lab Director, QA Officer
Celey D. Kene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

Raland K. Tuttle 3-26-03

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 1 of 1

ENVIRONMENTAL LAB OF TEXAS I, LTD.

12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Kristin Farris
Rice Operating
122 W. Taylor
Hobbs, NM 88240

Order#: G0306057
Project:
Project Name: P-13 EOL
Location: EME

Lab ID: 0306057-01
Sample ID: Remed. Comp.

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution</u> <u>Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date</u> <u>Analyzed</u>	<u>Analyst</u>
Chloride	<20.0	mg/kg	1	20	9253	3/25/03	WL

Approval: Raland K Tuttle 3-27-03
Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

ENVIRONMENTAL LAB OF TEXAS**QUALITY CONTROL REPORT****8015M****Order#: G0306057**

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005062-02			<10.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306058-02	50.4	952	782	76.8%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306058-02	50.4	952	820	80.8%	4.7%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005062-05		1000	823	82.3%	

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Phone: 915-563-1800
Fax: 915-563-1713

Kristin Farris

P-13 EOL

RICE Operating

122 W. Taylor

NAME

Hobbs, NM 88240

PO #: 757

505) 393-9174

(505) 397-1471

Per Trust

Special Instructions:				Sample Container's intact?			
				Temperature Upon Receipt			
				Laboratory Comments:			
Relinquished by:	Date	Time	Received by:	Date	Time	See 1.50C	
Relinquished by:	Date	Time	Received by:	Date	Time		
CP Langman	5/24/07	19:30	W. L. Elliott	3-24-07	19:30		