

1R - 426-15

# REPORTS

DATE:

8/04/2003

BD F-24-1

1R-426-15

# DISCLOSURE REPORT

**RICE OPERATING COMPANY  
JUNCTION BOX CLOSURE REPORT**

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Bliebry-Drinkard	F-29-1	F	29	21 S	37 E	Lea	Moved 150 ft north		

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER Millard Deck Estate OTHER \_\_\_\_\_

Depth to Groundwater 86 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 3/18/2003 Date Completed 8/1/2003 OCD Witness No

Soil Excavated 44 cubic yards Excavation Length 20 Width 10 Depth 6 feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date 3/24/2003 Sample Depth 6' 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
BOTTOM COMP.	<0.0025	<0.0025	<0.0025	<0.0025	<10.0	26.6	1060

**General Description of Remedial Action:** This is the northernmost box of two that were next to each other. The junctions have been eliminated and a new watertight box has been built over a new junction 150 ft north of this one. A bottom composite of the 20 x 10 x 6 ft deep excavation yielded TPH concentrations well below NMOCD guidelines and chloride was minimal considering the depth to groundwater. The excavation has been backfilled and contoured to the surrounding terrain. The disturbed surface is expected to natural to productive capacity at a normal rate.

**CHLORIDE FIELD TESTS**

LOCATION	DEPTH (ft)	ppm
Vertical	6	650
5 ft East	wall comp.	350
5 ft West	wall comp.	450
10 ft North	wall comp.	450
10 ft South	wall comp.	550

cc: lab results, diagram, photos

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

DATE 8/4/2003 PRINTED NAME Kristin Farris

SIGNATURE *Kristin Farris* TITLE Projects Scientist

# BD jct. F-29-1 (North)



Excavation—March 2003



Final Excavation (F-29-1 in foreground)—March 2003



Backfilled (looking South)—August 1, 2003



Backfilled With ID Plate

**BD jcts. F-19 & F-29-1 (not to scale)**

L E A S E R O A D



New F-29  
Jct. Box



150 ft

*Excavation surrounded by healthy vegetation.*

10 ft

20 ft

*center of  
jct. F-29-1*

6 ft deep

25 ft

*center of  
jct. F-29*

14 ft deep

F  
E  
N  
C  
E



# ANALYTICAL REPORT

## Prepared for:

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

**Project:** Jct. F-29-1

**PO#:** 755

**Order#:** G0306062

**Report Date:** 03/27/2003

### Certificates

**US EPA Laboratory Code TX00158**

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# ENVIRONMENTAL LAB OF TEXAS

## SAMPLE WORK LIST

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

Order#: G0306062  
Project:  
Project Name: Jct. F-29-1  
Location: BD

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>
0306062-01	Btm. Comp. @ 6'	SOIL	3/24/03	3/24/03 19:30	4 oz glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 1.5 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					

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# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

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

Order#: G0306062  
 Project:  
 Project Name: Jct. F-29-1  
 Location: BD

Lab ID: 0306062-01  
 Sample ID: Btm. Comp. @ 6'

### 8015M

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

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	26.6	10.0
TOTAL, C6-C35	26.6	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	106%	70	130
1-Chlorooctadecane	72%	70	130

### 8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor	CK	8021B
0005052-02		3/25/03	1	25		
		18:26				

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	105%	80	120
Bromofluorobenzene	80%	80	120

Approval: Raland K Tuttle 3-28-03  
 Raland K. Tuttle, Lab Director, QA Officer      Date  
 Celey D. Keene, Org. Tech. Director  
 Jeanne McMurrey, Inorg. Tech. Director  
 Sandra Biezugbe, Lab Tech.  
 Sara Molina, Lab Tech.

# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

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

Order#: G0306062  
Project:  
Project Name: Jct. F-29-1  
Location: BD

Lab ID: 0306062-01  
Sample ID: Btm. Comp. @ 6'

### 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	1060	mg/kg	1	20	9253	3/25/03	WL

Approval: Ral. dkjw 3-28-03

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#: G0306062

<b>BLANK</b>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005062-02			<10.0		
<b>MS</b>	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%	
<b>MSD</b>	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%
<b>SRM</b>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005062-05		1000	823	82.3%	

# ENVIRONMENTAL LAB OF TEXAS

## QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0306062

<b>BLANK</b>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005052-02			<0.025		
Toluene-mg/kg		0005052-02			<0.025		
Ethylbenzene-mg/kg		0005052-02			<0.025		
p/m-Xylene-mg/kg		0005052-02			<0.025		
o-Xylene-mg/kg		0005052-02			<0.025		
<b>MS</b>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306058-02	0	0.1	0.100	100.%	
Toluene-mg/kg		0306058-02	0	0.1	0.101	101.%	
Ethylbenzene-mg/kg		0306058-02	0	0.1	0.104	104.%	
p/m-Xylene-mg/kg		0306058-02	0	0.2	0.216	108.%	
o-Xylene-mg/kg		0306058-02	0	0.1	0.103	103.%	
<b>MSD</b>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306058-02	0	0.1	0.106	106.%	5.8%
Toluene-mg/kg		0306058-02	0	0.1	0.105	105.%	3.9%
Ethylbenzene-mg/kg		0306058-02	0	0.1	0.102	102.%	1.9%
p/m-Xylene-mg/kg		0306058-02	0	0.2	0.210	105.%	2.8%
o-Xylene-mg/kg		0306058-02	0	0.1	0.098	98.%	5.%
<b>SRM</b>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005052-05		0.1	0.099	99.%	
Toluene-mg/kg		0005052-05		0.1	0.099	99.%	
Ethylbenzene-mg/kg		0005052-05		0.1	0.099	99.%	
p/m-Xylene-mg/kg		0005052-05		0.2	0.206	103.%	
o-Xylene-mg/kg		0005052-05		0.1	0.100	100.%	

# ENVIRONMENTAL LAB OF TEXAS

## QUALITY CONTROL REPORT

### Test Parameters

Order#: G0306062

<b>BLANK</b>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0005045-01			<20.0		
<b>MS</b>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306055-01	709	500	1190	96.2%	
<b>MSD</b>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306055-01	709	500	1210	100.2%	1.7%
<b>SRM</b>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0005045-04		5000	5050	101.1%	

