

1R - 426-16

REPORTS

DATE:

8/04/2003

BD F-29

1R-426 -16

DISCLOSURE REPORT

**RICE OPERATING COMPANY
JUNCTION BOX DISCLOSURE* REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Blinebry-Drinkard	F-29	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 130 cubic yards Excavation Length 25 Width 10 Depth 14 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 3/24/2003 Sample Depth 14' 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	<0.025	<0.025	<0.025	<10.0	43.2	1260
BOTTOM	<0.025	<0.025	<0.025	<0.025	<10.0	48.5	4080

General Description of Remedial Action: This is the southernmost 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 25 x 10 x 14 ft deep excavation yielded no significant decline of chloride concentrations with depth although TPH was well below NMOCD guidelines. The excavation has been backfilled and the location identified for further consideration at a later date.

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
Vertical	6	4400
	12	3000
	14	3300
bottom comp.	14	3250
4 wall comp.	n/a	1600

ADDITIONAL EVALUATION IS MEDIUM PRIORITY.

cc: lab results, chloride graph, 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

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

BD jct. F-29 (South)



Excavation—March 2003



Final Excavation—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

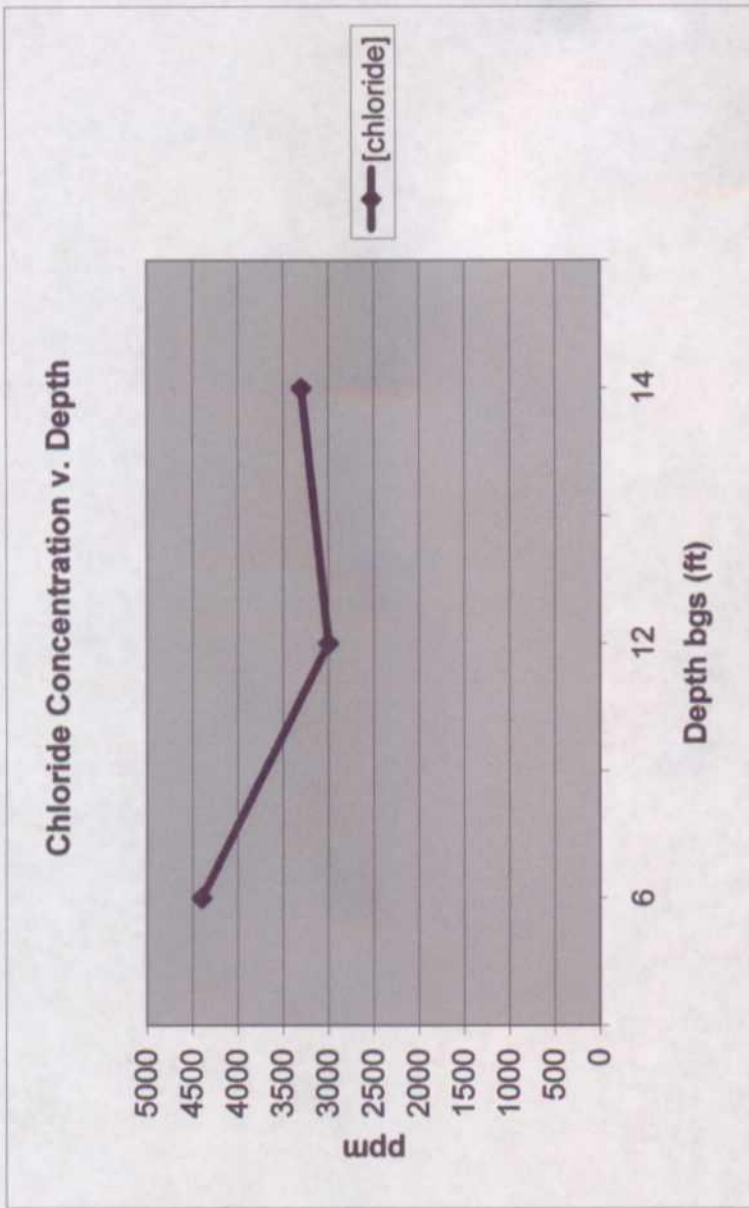
CHLORIDE CONCENTRATION CURVE

RICE Operating Company

EME jct. F-29

T21S, R37E

Depth bgs (ft)	[Cl-] ppm
6	4400
12	3000
14	3300



Groundwater = 86 ft

ANALYTICAL REPORT

Prepared for:

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

Project: Jct. F-29
PO#: 755
Order#: G0306061
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#: G0306061
Project:
Project Name: Jct. F-29
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>
0306061-01	Btm. Comp. @ 14'	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					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306061
Project:
Project Name: Jct. F-29
Location: BD

Lab ID: 0306061-01
Sample ID: Btm. Comp. @ 14'

8015M

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

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	48.5	10.0
TOTAL, C6-C35	48.5	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	93%	70	130
1-Chlorooctadecane	72%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0005052-02		3/25/03 17:20	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	110%	80	120
Bromofluorobenzene	99%	80	120

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

3-28-03

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

Page 1 of 1

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306061
Project:
Project Name: Jct. F-29
Location: BD

Lab ID: 0306061-01
Sample ID: Btm. Comp. @ 14'

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	4080	mg/kg	1	20	9253	3/25/03	WL

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

QUALITY CONTROL REPORT

8015M

Order#: G0306061

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%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0306061

BLANK	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		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306058-02	0	0.1	0.100	100.0%	
Toluene-mg/kg		0306058-02	0	0.1	0.101	101.0%	
Ethylbenzene-mg/kg		0306058-02	0	0.1	0.104	104.0%	
p/m-Xylene-mg/kg		0306058-02	0	0.2	0.216	108.0%	
o-Xylene-mg/kg		0306058-02	0	0.1	0.103	103.0%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306058-02	0	0.1	0.106	106.0%	5.8%
Toluene-mg/kg		0306058-02	0	0.1	0.105	105.0%	3.9%
Ethylbenzene-mg/kg		0306058-02	0	0.1	0.102	102.0%	1.9%
p/m-Xylene-mg/kg		0306058-02	0	0.2	0.210	105.0%	2.8%
o-Xylene-mg/kg		0306058-02	0	0.1	0.098	98.0%	5.0%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005052-05		0.1	0.099	99.0%	
Toluene-mg/kg		0005052-05		0.1	0.099	99.0%	
Ethylbenzene-mg/kg		0005052-05		0.1	0.099	99.0%	
p/m-Xylene-mg/kg		0005052-05		0.2	0.206	103.0%	
o-Xylene-mg/kg		0005052-05		0.1	0.100	100.0%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0306061

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Name:

Project #:

Project Loc:

PO #: 755

Analyze For:

[illegible]

ANALYTICAL REPORT

Prepared for:

CAROLYN HAYNES
RICE OPERATING CORP.
122 WEST TAYLOR
HOBBS, NM 88240

Project: F-29

PO#:

Order#: G0306084

Report Date: 03/28/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

RICE OPERATING CORP.
122 WEST TAYLOR
HOBBS, NM 88240
505-397-1471

Order#: G0306084
Project:
Project Name: F-29
Location: BD System

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>
0306084-01	Wall Composite	SOIL	3/25/03 9:00	3/26/03 19:45	4 oz glass	Ice
<u>Lab Testing:</u>		Rejected: No	Temp: 3 C			
8015M						
8021B/5030 BTEX						
Chloride						

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CAROLYN HAYNES
RICE OPERATING CORP.
122 WEST TAYLOR
HOBBS, NM 88240

Order#: G0306084
Project:
Project Name: F-29
Location: BD System

Lab ID: 0306084-01
Sample ID: Wall Composite

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		3/28/03 15:06	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	43.2	10.0
TOTAL, C6-C35	43.2	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	89%	70	130
1-Chlorooctadecane	86%	70	130

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0005088-02		3/27/03 22:12	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	102%	80	120
Bromofluorobenzene	118%	80	120

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

Raland K. Tuttle 3-28-03

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CAROLYN HAYNES
RICE OPERATING CORP.
122 WEST TAYLOR
HOBBS, NM 88240

Order#: G0306084
Project:
Project Name: F-29
Location: BD System

Lab ID: 0306084-01
Sample ID: Wall Composite

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	1260	mg/kg	1	20.0	9253	3/28/03	CK

Approval:

Raland K. Tuttle 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#: G0306084

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005086-02			<10.0		
CONTROL	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005086-03		952	820	86.1%	
CONTROL DUP	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005086-04		952	800	84.4%	2.5%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005086-05		1000	820	82.0%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0306084

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005088-02			<0.025		
Toluene-mg/kg		0005088-02			<0.025		
Ethylbenzene-mg/kg		0005088-02			<0.025		
p/m-Xylene-mg/kg		0005088-02			<0.025		
o-Xylene-mg/kg		0005088-02			<0.025		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306082-01	0	0.1	0.103	103.0%	
Toluene-mg/kg		0306082-01	0	0.1	0.104	104.0%	
Ethylbenzene-mg/kg		0306082-01	0	0.1	0.110	110.0%	
p/m-Xylene-mg/kg		0306082-01	0	0.2	0.231	115.5%	
o-Xylene-mg/kg		0306082-01	0	0.1	0.114	114.0%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306082-01	0	0.1	0.104	104.0%	1.0%
Toluene-mg/kg		0306082-01	0	0.1	0.104	104.0%	0.0%
Ethylbenzene-mg/kg		0306082-01	0	0.1	0.110	110.0%	0.0%
p/m-Xylene-mg/kg		0306082-01	0	0.2	0.231	115.5%	0.0%
o-Xylene-mg/kg		0306082-01	0	0.1	0.114	114.0%	0.0%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005088-05		0.1	0.102	102.0%	
Toluene-mg/kg		0005088-05		0.1	0.103	103.0%	
Ethylbenzene-mg/kg		0005088-05		0.1	0.104	104.0%	
p/m-Xylene-mg/kg		0005088-05		0.2	0.214	107.0%	
o-Xylene-mg/kg		0005088-05		0.1	0.103	103.0%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0306084

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0005078-01			<20.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306076-01	0	500	514	102.8%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306076-01	0	500	514	102.8%	0.0%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0005078-04		5000	4870	97.4%	

