

1R - 426-10

REPORTS

DATE:

8/07/2003

1R-426-10

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
BD	jct. K-20-2	K	20	21 S	37 E	Lea	Moved 36 ft northwest		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER _____ Millard Deck _____ OTHER _____

Depth to Groundwater _____ 99 _____ feet NMOCD SITE ASSESSMENT RANKING SCORE: _____ 10 _____

Date Started _____ 5/12/2003 _____ Date Completed _____ 8/6/2003 _____ OCD Witness _____ No _____

Soil Excavated _____ 256 _____ cubic yards Excavation Length _____ 24 _____ Width _____ 24 _____ Depth _____ 12 _____ feet

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

FINAL ANALYTICAL RESULTS: Sample Date _____ 5/15/2003 _____ Sample Depth _____ 12 ft 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	Chloride mg/kg
SIDEWALLS	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	1180
BOTTOM	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	567

General Description of Remedial Action: Although chloride impact decreased

slightly with depth, lateral delineation yielded consistent chloride concentrations. TPH

concentrations remained well below NMOCD guidelines. The 24 x 24 x 12 ft deep excavation

was backfilled and the location identified for further consideration at a later date. A new

watertight junction box has been built 35 ft northwest of this location.

ADDITIONAL EVALUATION IS LOW PRIORITY.

cc: lab results, chloride graph, photos

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
Vertical	10	1450
	12	1100
	14	800
10 ft North	wall comp.	1100
10 ft South	wall comp.	1100
10 ft East	wall comp.	1000
10 ft West	wall comp.	900
4 Wall Comp.	n/a	1000
Bottom Comp.	12	1300

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

DATE _____ 8/7/2003 _____ PRINTED NAME _____ Kristin Farris _____

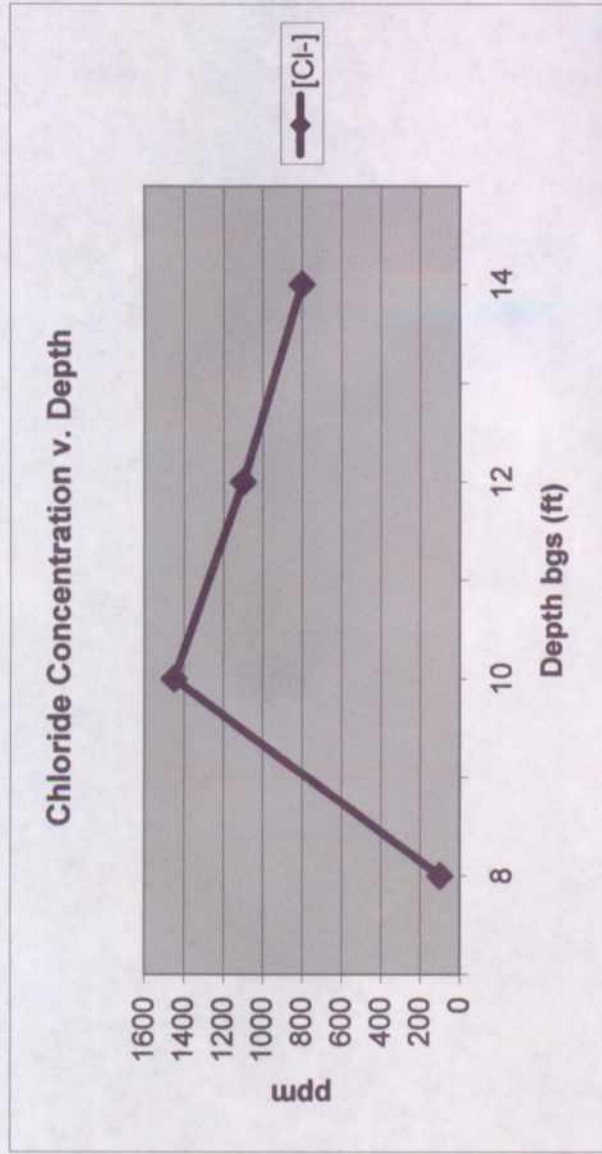
SIGNATURE _____ *Kristin Farris* _____ TITLE _____ Project Scientist _____

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

BD jct. K-20-2

T21S, R37E

Depth bgs (ft)	[Cl-] ppm
8	100
10	1450
12	1100
14	800



Groundwater = 99 ft

BD jct. K-20-2



Excavation—5/12/2003



Final Excavation with New Box in Background—5/15/2003



Backfilled with New Box in Background (36 ft northwest)—8/6/2003



ID Plate At Backfilled Site

ANALYTICAL REPORT

Prepared for:

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

Project: K-20-2

PO#:

Order#: G0306515

Report Date: 05/22/2003

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#: G0306515
Project:
Project Name: K-20-2
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>
0306515-01	Wall Comp.	SOIL	5/15/03 16:00	5/16/03 13:10	4 oz glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 23 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					
0306515-02	5 pt. Bottom Comp. @ 12'	SOIL	5/15/03 16:00	5/16/03 13:10	4 oz glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 23 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306515
Project:
Project Name: K-20-2
Location: BD

Lab ID: 0306515-01
Sample ID: Wall Comp.

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		5/16/03	1	1	CK	8015M

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

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	107%	70	130
1-Chlorooctadecane	89%	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
0005613-02		5/21/03 21:03	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	93%	80	120
Bromofluorobenzene	115%	80	120

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

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306515
Project:
Project Name: K-20-2
Location: BD

Lab ID: 0306515-02
Sample ID: 5 pt. Bottom Comp. @ 12'

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		5/16/03	1	1	CK	8015M

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

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	111%	70	130
1-Chlorooctadecane	90%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005613-02		5/21/03 21:26	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	95%	80	120
Bromofluorobenzene	109%	80	120

Approval:

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

Date

05/23/03

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

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306515
Project:
Project Name: K-20-2
Location: BD

Lab ID: 0306515-01
Sample ID: Wall Comp.

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	1180	mg/kg	1	20	9253	5/19/03	CK

Lab ID: 0306515-02
Sample ID: 5 pt. Bottom Comp. @ 12'

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	567	mg/kg	1	20	9253	5/19/03	CK

Approval:

Cele D. Keene 05/23/03
Raland K. Tuttle, Lab Director, QA Officer
Cele 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

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ENVIRONMENTAL LAB OF TEXAS I, LTD.

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

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0306515

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005553-02			<10.0		
CONTROL	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005553-03		952	1200	126.1%	
CONTROL DUP	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005553-04		952	1200	126.1%	0.0%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005553-05		1000	1120	112.0%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0306515

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005613-02			<0.025		
Toluene-mg/kg		0005613-02			<0.025		
Ethylbenzene-mg/kg		0005613-02			<0.025		
p/m-Xylene-mg/kg		0005613-02			<0.025		
o-Xylene-mg/kg		0005613-02			<0.025		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306546-01	0	0.1	0.103	103.0%	
Toluene-mg/kg		0306546-01	0	0.1	0.101	101.0%	
Ethylbenzene-mg/kg		0306546-01	0	0.1	0.096	96.0%	
p/m-Xylene-mg/kg		0306546-01	0	0.2	0.198	99.0%	
o-Xylene-mg/kg		0306546-01	0	0.1	0.091	91.0%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306546-01	0	0.1	0.110	110.0%	6.6%
Toluene-mg/kg		0306546-01	0	0.1	0.110	110.0%	8.5%
Ethylbenzene-mg/kg		0306546-01	0	0.1	0.102	102.0%	6.1%
p/m-Xylene-mg/kg		0306546-01	0	0.2	0.211	105.5%	6.4%
o-Xylene-mg/kg		0306546-01	0	0.1	0.098	98.0%	7.4%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005613-05		0.1	0.109	109.0%	
Toluene-mg/kg		0005613-05		0.1	0.106	106.0%	
Ethylbenzene-mg/kg		0005613-05		0.1	0.098	98.0%	
p/m-Xylene-mg/kg		0005613-05		0.2	0.203	101.5%	
o-Xylene-mg/kg		0005613-05		0.1	0.094	94.0%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0306515

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0005575-01			<20.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306487-02	8510	10000	18200	96.9%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306487-02	8510	10000	18200	96.9%	0.0%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0005575-04		5000	5050	101.0%	

12600 West I-20 East
Odessa, Texas 79763

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CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Christin Farnis

Project Name:

K-20-2

Rice Operations

Project #:

122 in Taylor

Project Loc:

BD

He 665, Nm 882911

BOOK

Fax No:

2

Fax No:

Requester's Name		Date		Time		Received by		Date		Time	
John Anderson		5-15-03		5:30P		John Anderson		5-16-03		13:10	
Relinquished by: Date: Time: Received by: Date: Time:											
Special Instructions: Fax to Ric											
Sample Containers Intact? Temperature Upon Receipt: Laboratory Comments:											
RUSH TAT (Pre-Schedule) Standard TAT											