

1R - 426-22

REPORTS

DATE:

6/27/2003

IR-426-22

FINAL REPORT

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
BD	J-21-1	J	21	21 S	37 E	Lea	Length	Width	Depth
							No Box		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER _____ Wantz Estate _____ OTHER _____

Depth to Groundwater _____ 71 _____ feet NMOCD SITE ASSESSMENT RANKING SCORE: _____ 10 _____

Date Started _____ 6/17/2003 _____ Date Completed _____ 6/17/2003 _____ OCD Witness _____ No _____

Soil Excavated _____ 0 _____ cubic yards Excavation Length _____ 0 _____ Width _____ 0 _____ Depth _____ 0 _____ feet

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

FINAL ANALYTICAL RESULTS: Sample Date _____ 6/19/2003 _____ Sample Depth _____ 5' 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	<0.0025	<0.0025	<0.0025	<0.0025	<10.0	<10.0	<20.0
BOTTOM	<0.0025	<0.0025	<0.0025	<0.0025	<10.0	<10.0	<20.0
REMEDIED	n/a	n/a	n/a	n/a	n/a	n/a	n/a

General Description of Remedial Action: Strong, healthy vegetation surrounded the box. The line is to be re-plumbed straight through and the box abandoned. Field testing indicated no TPH or chloride impact and lab results confirmed. No remediation activities are required. The hole will be backfilled and contoured and the surface is expected to re-vegetate at a normal rate.

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
Vertical	4	100
	5	100
5' North	3	50
5' South	3	50
Wall comp.	n/a	50
Bottom comp.	5	50

cc: lab results

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

DATE _____ 6/27/2003 _____ PRINTED NAME _____ Kristin Farris _____

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

BD jct. J-21-1



Backfilled 7/28/03

ANALYTICAL REPORT

Prepared for:

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

Project: J-21-1

PO#:

Order#: G0306794

Report Date: 06/25/2003

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#: G0306794
Project:
Project Name: J-21-1
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>
0306794-01	Wall Comp.	SOIL	6/19/03 10:00	6/20/03 11:25	4 oz Glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 5.5 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					
0306794-02	5 pt. Bottom Comp. @5'	SOIL	6/19/03 10:00	6/20/03 11:25	4 oz Glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 5.5 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306794
Project:
Project Name: J-21-1
Location: BD

Lab ID: 0306794-01
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
		6/20/03	1	1	WL	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	95%	70	130
1-Chlorooctadecane	91%	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
0005941-02		6/22/03 16:32	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	84%	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#: G0306794
Project:
Project Name: J-21-1
Location: BD

Lab ID: 0306794-02
Sample ID: 5 pt. Bottom Comp. @5'

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/20/03	1	1	WL	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	98%	70	130
1-Chlorooctadecane	91%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005941-02		6/22/03 16:53	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	87%	80	120

Approval: Jeanne McMurrey 06-26-03
 Raland K. Tuttle, Lab Director, QA Officer Date
 Celey D. Keene, Org. Tech. Director
 Jeanne McMurrey, Inorg. Tech. Director
 Sandra Biczugbe, Lab Tech.
 Sara Molina, Lab Tech.

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306794
Project:
Project Name: J-21-1
Location: BD

Lab ID: 0306794-01
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	<20.0	mg/kg	1	20	9253	6/24/03	SB

Lab ID: 0306794-02
Sample ID: 5 pt. Bottom Comp. @5'

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	<20.0	mg/kg	1	20	9253	6/24/03	SB

Approval: Jeanne McMurrey 06-26-03
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#: G0306794

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005934-02			<10.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306793-01	0	952	1120	117.6%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306793-01	0	952	1090	114.5%	2.7%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005934-05		1000	1043	104.3%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0306794

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005941-02			<0.025		
Toluene-mg/kg		0005941-02			<0.025		
Ethylbenzene-mg/kg		0005941-02			<0.025		
p/m-Xylene-mg/kg		0005941-02			<0.025		
o-Xylene-mg/kg		0005941-02			<0.025		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306794-02	0	0.1	0.098	98.%	
Toluene-mg/kg		0306794-02	0	0.1	0.100	100.%	
Ethylbenzene-mg/kg		0306794-02	0	0.1	0.099	99.%	
p/m-Xylene-mg/kg		0306794-02	0	0.2	0.203	101.5%	
o-Xylene-mg/kg		0306794-02	0	0.1	0.099	99.%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306794-02	0	0.1	0.101	101.%	3.%
Toluene-mg/kg		0306794-02	0	0.1	0.104	104.%	3.9%
Ethylbenzene-mg/kg		0306794-02	0	0.1	0.105	105.%	5.9%
p/m-Xylene-mg/kg		0306794-02	0	0.2	0.214	107.%	5.3%
o-Xylene-mg/kg		0306794-02	0	0.1	0.105	105.%	5.9%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005941-05		0.1	0.103	103.%	
Toluene-mg/kg		0005941-05		0.1	0.105	105.%	
Ethylbenzene-mg/kg		0005941-05		0.1	0.104	104.%	
p/m-Xylene-mg/kg		0005941-05		0.2	0.214	107.%	
o-Xylene-mg/kg		0005941-05		0.1	0.106	106.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0306794

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0005961-01			<20.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306793-01	0	500	496	99.2%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306793-01	0	500	478	95.6%	3.7%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0005961-04		5000	4960	99.2%	

Environmental Lab of Texas I, Ltd.

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Kristin Farris

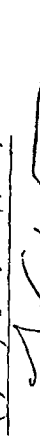
Company Name: Rice Operating

Company Address: 122 W Taylor

City/State/Zip: Hobbs, NM 88240

Telephone No: (505) 631-9174

Fax No:

Signature: 

Project Name: J-21-1

Project #:

Project Loc: 60

PO #:

[illegible]

Special Instructions

Sample Containers Intact?
Temperature Upon Receipt:
Laboratory Comments:

Relinquished by: <i>[Signature]</i>	Date 6-20-05	Time 11:35A	Received by:
Relinquished by:	Date	Time	Received by: ELOF, One More