

1R - 426-25

REPORTS

DATE:

6/27/2003

1R-426-25

FINAL REPORT

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
BD	J-21-2	J	21	21 S	37 E	Lea	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	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<20
BOTTOM	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<20
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	250
	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-21-2



7/28/03

ANALYTICAL REPORT

Prepared for:

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

Project: J-21-2

PO#:

Order#: G0306793

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#: G0306793
Project:
Project Name: J-21-2
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>Date / Time</u>	<u>Container</u>	<u>Preservative</u>
			<u>Collected</u>	<u>Received</u>		
0306793-01	Wall Comp.	SOIL	6/19/03 11:00	6/20/03 11:25	4 oz Glass	Ice
	<u>Lab Testing:</u>	Rejected: No	Temp:	5.5 C		
	8015M					
	8021B/5030 BTEX Chloride					
0306793-02	5 pt. Bottom Comp. @ 5'	SOIL	6/19/03 11:00	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#: G0306793
Project:
Project Name: J-21-2
Location: BD

Lab ID: 0306793-01
Sample ID: Wall Comp.

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		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	89%	70	130
1-Chlorooctadecane	91%	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>		
0005943-02		6/22/03 15:50	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	90%	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#: G0306793
Project:
Project Name: J-21-2
Location: BD

Lab ID: 0306793-02
Sample ID: 5 pt. Bottom Comp. @ 5'

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		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	94%	70	130
1-Chlorooctadecane	87%	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>		
0005943-02		6/22/03 16:11	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	96%	80	120
Bromofluorobenzene	90%	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 Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306793
Project:
Project Name: J-21-2
Location: BD

Lab ID: 0306793-01
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: 0306793-02
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#: G0306793

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#: G0306793

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005943-02			<0.025		
Toluene-mg/kg		0005943-02			<0.025		
Ethylbenzene-mg/kg		0005943-02			<0.025		
p/m-Xylene-mg/kg		0005943-02			<0.025		
o-Xylene-mg/kg		0005943-02			<0.025		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306740-04	0	0.1	0.101	101.%	
Toluene-mg/kg		0306740-04	0	0.1	0.105	105.%	
Ethylbenzene-mg/kg		0306740-04	0	0.1	0.105	105.%	
p/m-Xylene-mg/kg		0306740-04	0	0.2	0.215	107.5%	
o-Xylene-mg/kg		0306740-04	0	0.1	0.105	105.%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306740-04	0	0.1	0.102	102.%	1.%
Toluene-mg/kg		0306740-04	0	0.1	0.106	106.%	0.9%
Ethylbenzene-mg/kg		0306740-04	0	0.1	0.106	106.%	0.9%
p/m-Xylene-mg/kg		0306740-04	0	0.2	0.218	109.%	1.4%
o-Xylene-mg/kg		0306740-04	0	0.1	0.106	106.%	0.9%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005943-05		0.1	0.102	102.%	
Toluene-mg/kg		0005943-05		0.1	0.103	103.%	
Ethylbenzene-mg/kg		0005943-05		0.1	0.102	102.%	
p/m-Xylene-mg/kg		0005943-05		0.2	0.208	104.%	
o-Xylene-mg/kg		0005943-05		0.1	0.102	102.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0306793

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%	

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Project Manager:

Phone 310-333-1113
Kristin Farris

Project Name:

Company Name

Rice Operating

Company Address:

122 W Taylor

City/State/Zip:

Hobbs, Ann 88240

Telephone No:

(505) 631-9174

Sampler Signature:

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