

1R - 426-66

REPORTS

DATE:

1/08/2003

IR-426-66

FINAL REPORT

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
BD	Wagner & Brown EOL	A	21	22 S	37 E	Lea	Length	Width	Depth
							under construction		

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

Depth to Groundwater _____ 65 _____ feet NMOCD SITE ASSESSMENT RANKING SCORE: _____ 10 _____

Date Started _____ 1/2/2003 _____ Date Completed _____ 1/2/2003 _____ 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 _____ 1/2/2003 _____ Sample Depth _____ 2' _____

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	<0.025	<0.025	<0.025	<0.061	<10.0	161	425
SIDEWALLS	<0.025	<0.025	<0.025	<0.025	<10.0	104	<20
REMEDIATED	n/a	n/a	n/a	n/a	n/a	n/a	n/a

General Description of Remedial Action: Field tests of the initial samples revealed

that chloride impact was minimal, lab results confirmed this. There was no visual indication of TPH impact so excavation was not required. The amount of chloride impact left in place will not adversely affect the groundwater or public health and remaining TPH is expected to naturally attenuate. A water-tight junction box has been installed over the location. The junction box is surrounded by healthy vegetation.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	ppm
Bottom Comp.	2'	543
Wall Comp.		372

cc: lab results, photos

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

DATE _____ 1/8/2003 _____ PRINTED NAME _____ Kristin Farris _____

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

BD Wagner & Brown EOL



No Excavation Required



ANALYTICAL REPORT

Prepared for:

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

Project: Wagner & Brown EOL

PO#:

Order#: G0305382

Report Date: 01/06/2003

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#: G0305382
Project:
Project Name: Wagner & Brown EOL
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>		
0305382-01	Bottom Comp. @ 2'	SOIL	1/2/03	1/2/03	4 oz glass	Ice
			13:30	19:10		
			Rejected: No	Temp: n/a		
	<u>Lab Testing:</u>					
	8015M					
	8021B/5030 BTEX					
	Chloride					
0305382-02	Wall Comp.	SOIL	1/2/03	1/2/03	4 oz glass	Ice
			13:30	19:10		
			Rejected: No	Temp: n/a		
	<u>Lab Testing:</u>					
	8015M					
	8021B/5030 BTEX					
	Chloride					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0305382
Project:
Project Name: Wagner & Brown EOL
Location: BD

Lab ID: 0305382-01
Sample ID: Bottom Comp. @ 2'

8015M

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

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	161	10.0
TOTAL, C6-C35	161	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	99%	70	130
1-Chlorooctadecane	94%	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>		
0004249-02		1/3/02	1	25	RKT	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	0.036	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	94%	80	120
Bromofluorobenzene	95%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0305382
Project:
Project Name: Wagner & Brown EOL
Location: BD

Lab ID: 0305382-02

Sample ID: Wall Comp.

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/3/03	1	1	RKT	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	104	10.0
TOTAL, C6-C35	104	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	83%	70	130
1-Chlorooctadecane	79%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004249-02		1/3/02	1	25	RKT	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	95%	80	120

Approval: Jeanne McMurrey 01-07-03
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#: G0305382
Project:
Project Name: Wagner & Brown EOL
Location: BD

Lab ID: 0305382-01
Sample ID: Bottom Comp. @ 2'

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	425	mg/kg	1	20	9253	1/3/03	SB

Lab ID: 0305382-02
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	1/3/03	SB

Approval: Jeanne McMurrey 01-07-03
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#: G0305382

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0004245-02			<10.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0305379-02	0	952	937	98.4%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0305379-02	0	952	908	95.4%	3.1%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0004245-05		1000	798	79.8%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0305382

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0004249-02			<0.025		
Toluene-mg/kg		0004249-02			<0.025		
Ethylbenzene-mg/kg		0004249-02			<0.025		
p/m-Xylene-mg/kg		0004249-02			<0.025		
o-Xylene-mg/kg		0004249-02			<0.025		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0305380-06	0	0.1	0.105	105.0%	
Toluene-mg/kg		0305380-06	0	0.1	0.112	112.0%	
Ethylbenzene-mg/kg		0305380-06	0	0.1	0.113	113.0%	
p/m-Xylene-mg/kg		0305380-06	0	0.2	0.225	112.5%	
o-Xylene-mg/kg		0305380-06	0	0.1	0.108	108.0%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0305380-06	0.105	0.1	0.102	102.0%	2.9%
Toluene-mg/kg		0305380-06	0.112	0.1	0.105	105.0%	6.5%
Ethylbenzene-mg/kg		0305380-06	0.113	0.1	0.104	104.0%	8.3%
p/m-Xylene-mg/kg		0305380-06	0.225	0.2	0.210	105.0%	6.9%
o-Xylene-mg/kg		0305380-06	0.108	0.1	0.102	102.0%	5.7%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0004249-05		0.1	0.118	118.0%	
Toluene-mg/kg		0004249-05		0.1	0.113	113.0%	
Ethylbenzene-mg/kg		0004249-05		0.1	0.111	111.0%	
p/m-Xylene-mg/kg		0004249-05		0.2	0.232	116.0%	
o-Xylene-mg/kg		0004249-05		0.1	0.111	111.0%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0305382

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0004246-01			<20.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0305381-01	461	1000	1450	98.9%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0305381-01	461	1000	1440	97.9%	0.7%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0004246-04		5000	4960	99.2%	

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Kristin Farris

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Project Name:

Project #:

Project Loc:

PO #:

[illegible]