

1R - 426-12

REPORTS

DATE:

9/16/2003

BD 0-17-1 vent

1R-426-12

DISCLOSURE REPORT

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

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Blinebry-Drinkard	O-17-1 vent	O	17	21S	37E	Lea	Length	Width	Depth
							No Box		

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

Depth to Groundwater 70 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 3/7/2003 Date Completed 8/29/2003 OCD Witness No

Soil Excavated 240 cubic yards Excavation Length 30 Width 18 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 3/17/2003 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	0.051	0.281	126	1290	1810
BOTTOM	<0.100	0.972	4.44	19.42	1420	5280	1740

General Description of Remedial Action: This junction box once contained a vent but the junction has been eliminated and the site re-plumbed straight through with new poly pipeline. The 30 x 18 x 12 ft deep excavation yielded TPH impact to at least 12 ft deep. Vertically, the 8 ft and 12 ft samples were field-tested for chlorides, yielding 1000 and 400 ppm respectively. However, there was not a lateral decline in chloride concentrations on the excavation walls. The color change in the titration of the chloride test was difficult to detect due to the TPH concentration and the color of the soil sample, which may account for the discrepancy with the lab results. The excavation has been backfilled and the location identified for further consideration at a later date.

ADDITIONAL EVALUATION IS HIGH PRIORITY.

cc: lab results, photos

LOCATION	DEPTH (ft)	ppm
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CHLORIDE FIELD TESTS

Vertical	8	1000
Vertical	12	400

TPH FIELD TESTS

Vertical	4	28220
Vertical	8	49220
Vertical	12	35070

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

DATE 9/16/2003 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 O-17-1 Vent

March – August 2003



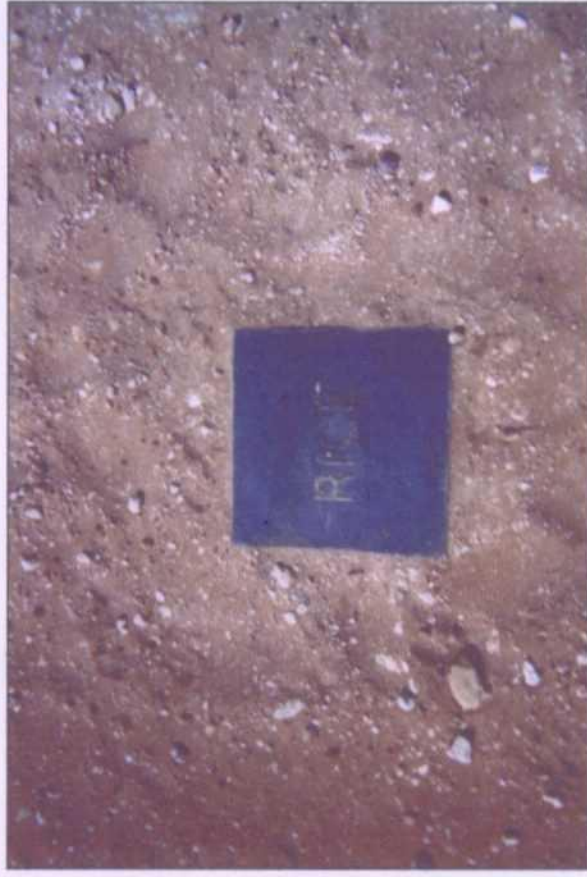
Looking East: Site of Old Vent (red arrow) After Line Replacement and Box Removed



Looking North: Final Excavation 30 x 18 x 12 ft deep



Looking North: Backfilled (battery is across the road.)



ID Plate at Backfilled Site

ANALYTICAL REPORT

Prepared for:

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

Project: O-17-1
PO#: 755
Order#: G0306014
Report Date: 03/24/2003

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#: G0306014
Project:
Project Name: O-17-1
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>Date / Time</u>	<u>Container</u>	<u>Preservative</u>
			<u>Collected</u>	<u>Received</u>		
0306014-01	Btm. Comp. @ 12'	SOIL	3/17/03	3/18/03	4 oz glass	Ice
				19:40		
				Temp: 2 C		
				Rejected: No		
0306014-02	Wall Comp.	SOIL	3/17/03	3/18/03	4 oz glass	Ice
				19:40		
				Temp: 2 C		
				Rejected: No		
	<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#: G0306014
Project:
Project Name: O-17-1
Location: BD

Lab ID: 0306014-01
Sample ID: Btm. Comp. @ 12'

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		3/20/03	1	5	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	1420	50.0
DRO, >C12-C35	5280	50.0
TOTAL, C6-C35	6700	50.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	23%	70	130
1-Chlorooctadecane	15%	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>		
0005022-02		3/21/03 16:59	1	100	RKT	8021B

Parameter	Result mg/kg	RL
Benzene	<0.100	0.100
Toluene	0.972	0.100
Ethylbenzene	4.44	0.100
p/m-Xylene	12.9	0.100
o-Xylene	6.52	0.100

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	114%	80	120
Bromofluorobenzene	110%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306014
Project:
Project Name: O-17-1
Location: BD

Lab ID: 0306014-02
Sample ID: Wall Comp.

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		3/20/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	126	10.0
DRO, >C12-C35	1,290	10.0
TOTAL, C6-C35	1,416	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	98%	70	130
1-Chlorooctadecane	113%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005022-02		3/21/03 17:19	1	25	RKT	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	0.051	0.025
p/m-Xylene	0.197	0.025
o-Xylene	0.084	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	99%	80	120
Bromofluorobenzene	114%	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 3-25-03

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306014
Project:
Project Name: O-17-1
Location: BD

Lab ID: 0306014-01
Sample ID: Btm. 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	1740	mg/kg	1	20	9253	3/20/03	SB

Lab ID: 0306014-02
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	1810	mg/kg	1	20	9253	3/20/03	SB

Approval: Raland K. Tuttle 3-25-03
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#: G0306014

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0004990-02			<10.0		
CONTROL SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0004990-03		952	885	93.0%	
CONTROL DUP SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0004990-04		952	945	99.3%	6.6%
SRM SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0004990-05		1000	846	84.6%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0306014

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005022-02			<0.025		
Toluene-mg/kg		0005022-02			<0.025		
Ethylbenzene-mg/kg		0005022-02			<0.025		
p/m-Xylene-mg/kg		0005022-02			<0.025		
o-Xylene-mg/kg		0005022-02			<0.025		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306012-01	0	2.5	2.53	101.2%	
Toluene-mg/kg		0306012-01	0	2.5	2.68	107.2%	
Ethylbenzene-mg/kg		0306012-01	0	2.5	2.76	110.4%	
p/m-Xylene-mg/kg		0306012-01	0	5	5.70	114.%	
o-Xylene-mg/kg		0306012-01	0	2.5	2.83	113.2%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306012-01	0	2.5	2.47	98.8%	2.4%
Toluene-mg/kg		0306012-01	0	2.5	2.60	104.%	3.%
Ethylbenzene-mg/kg		0306012-01	0	2.5	2.61	104.4%	5.6%
p/m-Xylene-mg/kg		0306012-01	0	5	5.42	108.4%	5.%
o-Xylene-mg/kg		0306012-01	0	2.5	2.64	105.6%	6.9%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005022-05		0.1	0.107	107.%	
Toluene-mg/kg		0005022-05		0.1	0.112	112.%	
Ethylbenzene-mg/kg		0005022-05		0.1	0.109	109.%	
p/m-Xylene-mg/kg		0005022-05		0.2	0.224	112.%	
o-Xylene-mg/kg		0005022-05		0.1	0.104	104.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0306014

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0004978-01			<20.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0305982-01	478	500	939	92.2%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0305982-01	478	500	957	95.8%	1.9%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0004978-04		5000	4960	99.2%	

12600 West I-20 East
Odessa, Texas 79763

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Name:

0-17-1

Project #:

Project Loc:

PO #: 755

Fax No: (505) 397-1471
