

1R - 426-29

REPORTS

DATE:

3/27/2003

IR-726 29

DISCLOSURE REPORT

**RICE OPERATING COMPANY
JUNCTION BOX DISCLOSURE FORM**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length No box	Width XXX	Depth XXX
Blinebry-Drinkard	G-16	G	16	22 S	37 E	Lea			

LAND TYPE: BLM _____ STATE X FEE LANDOWNER _____ OTHER _____

Depth to Groundwater 82 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 11/15/2002 Date Completed 11/22/2002 OCD Witness No

Soil Excavated 150 cubic yards Excavation Length 16' Width 16' Depth 16' feet

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

FINAL ANALYTICAL RESULTS: Sample Date 11/20/2002 Sample Depth 16' 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	<0.005	<0.005	<0.005	<0.015	<10.0	<10.0	3640
BOTTOM	<0.005	<0.005	<0.005	<0.015	<10.0	<10.0	3240
REMIEDIATED	<0.005	<0.005	<0.005	<0.015	<10.0	11.0	144

GENERAL DESCRIPTION OF REMEDIAL ACTION:

The junction box contained a vent and exhibited TPH impact to 12' below the box. A 16' x 16' area around the center of the box was excavated to 16' bgs to completely remove the visible TPH. At 16', a 1' clay liner was installed at the bottom of the excavation to slow vertical migration of the remaining impact. The excavated soil was blended and backfilled on top of the clay liner and contoured to the surrounding terrain. A junction box is no longer required at this location. NMOCD TPH guidelines were met at the 16' bottom composite and the wall composite.

The north and east directions exhibited higher chloride impact at 14' bgs perhaps due to historical leaks in the area. Historical evidence has shown that G-16 and the Cole 'A' EOL to the south both may have had boots at different times in the past 50 years.

cc: lab results, photos

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

DATE 3/27/2003 PRINTED NAME Kristin Farris

SIGNATURE *Kristin Farris* TITLE Environmental Projects Scientist

BD vent G-16



Clay Barrier @ 16' bgs



Backfilled

BD vent G-16



Beginning Excavation



Excavation



PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
 RICE OPERATING CO.
 ATTN: KRISTIN FARRIS
 122 W. TAYLOR
 HOBBS, NM 88240
 FAX TO: (505) 397-1471

Receiving Date: 11/21/02
 Reporting Date: 11/22/02
 Project Number: NOT GIVEN
 Project Name: G-16
 Project Location: BD

Sampling Date: 11/20/02
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: BC
 Analyzed By: BC/AH

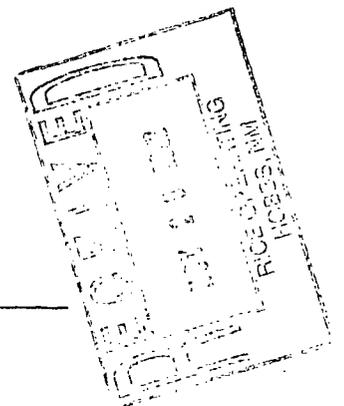
LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE		11/21/02	11/21/02	11/21/02
H7233-1	BOTTOM COMP. @ 16'	<10.0	<10.0	3240
H7233-2	WALL COMP.	<10.0	<10.0	3640
Quality Control		757	840	970
True Value QC		800	800	1000
% Recovery		94.7	105	97.0
Relative Percent Difference		4.5	6.5	2.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-Cl'B

*Analyses performed on 1:4 w:v aqueous extracts.

Bryan A. Cook
 Chemist

11/22/02
 Date



H7233A.XLS

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ANALYTICAL RESULTS FOR
 RICE OPERATING CO.
 ATTN: KRISTIN FARRIS
 122 W. TAYLOR
 HOBBS, NM 88240
 FAX TO: (505) 397-1471

Receiving Date: 11/21/02
 Reporting Date: 11/22/02
 Project Number: NOT GIVEN
 Project Name: G-16
 Project Location: BD

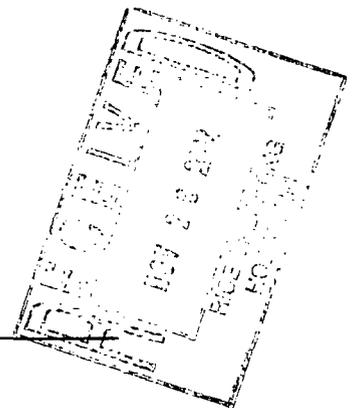
Sampling Date: 11/20/02
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: BC
 Analyzed By: BC

LAB NO.	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
	ANALYSIS DATE	11/21/02	11/21/02	11/21/02	11/21/02
H7233-1	BOTTOM COM. @ 16'	<0.005	<0.005	<0.005	<0.015
H7233-2	WALL COMP.	<0.005	<0.005	<0.005	<0.015
	Quality Control	0.100	0.092	0.092	0.269
	True Value QC	0.100	0.100	0.100	0.300
	% Recovery	99.7	91.9	92.2	89.7
	Relative Percent Difference	9.3	6.5	8.6	7.4

METHOD: EPA SW-846 8260

Bryan A. Cooke
 Chemist

11/22/02
 Date



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ANALYTICAL RESULTS FOR
 RICE OPERATING CO.
 ATTN: KRISTIN FARRIS
 122 W. TAYLOR
 HOBBS, NM 88240
 FAX TO: (505) 397-1471

Receiving Date: 12/04/02
 Reporting Date: 12/06/02
 Project Number: NOT GIVEN
 Project Name: BACKFILL COMPOSITES
 Project Location: BD

Sampling Date: 12/04/02
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: BC
 Analyzed By: BC/AH

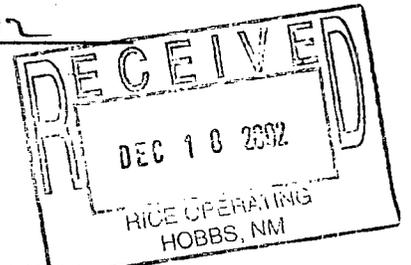
LAB NUMBER SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE	12/04/02	12/04/02	12/05/02
H7278-1 G-16	<10.0	11.0	144
H7278-2 B-16	<10.0	18.2	144
Quality Control	750	813	980
True Value QC	800	800	1000
% Recovery	93.7	102	98.0
Relative Percent Difference	6.3	3.8	3.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-Cl'B

*Analyses performed on 1:4 w:v aqueous extracts.

Bruce J. Coche
 Chemist

12/6/02
 Date



H7278A.XLS

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ARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page of

Company Name: RICE Operating		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Kristin Farris		Company:					
Address: 122 W. Taylor		City:					
City: Hobbs		State: NM		zip: 88240			
Phone #: 393-9174		Fax #: 397-1471		Address:			
Project #:		Project Owner:		City:			
Project Name: Backfill Composites		State:		Zip:			
Project Location: RD		Phone #:		Fax #:			
Sampler Name: K. Farris		FOR LAB USE ONLY					
Lab I.D.		Sample I.D.					
H72364 G-16		2 B-16					
		(G)RAB OR (C)OMP.					
		# CONTAINERS					
		GROUNDWATER					
		WASTEWATER					
		SOIL					
		CRUDE OIL					
		SLUDGE					
		OTHER :					
		ACID/BASE:					
		ICE / COOL					
		OTHER :					
		DATE		TIME			
		12/01/02		--			
		12/01/02		--			
		✓		✓		CL-	
		✓		✓		BTEX	
		✓		✓		8015 GRO/DRO	

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Terms and Conditions: Inherent will be charged on all accounts more than 30 days past due at the rate of 2 1/2% per annum from the original date of invoice, and all costs of collection, including attorney's fees.

Sampler Relinquished: **K. Farris**
 Date: **12/01/02**
 Time: **11:30am**

Received By: (Lab Staff)
Burgess A. Cochran
 Sample Condition: Intact Broken
 Checked By: (Initials)

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other:
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.