

1R - 426-28

REPORTS

DATE:

3/27/2003

IR-426-28

DISCLOSURE REPORT

**RICE OPERATING COMPANY
JUNCTION BOX DISCLOSURE FORM**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Blinebry-Drinkard	B-16	B	16	22 S	37 E	Lea	Length 10'	Width 6'	Depth 6'

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

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

Date Started 11/18/2002 Date Completed 11/22/2002 OCD Witness No

Soil Excavated 240 cubic yards Excavation Length 20' Width 20' Depth 17' feet

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

FINAL ANALYTICAL RESULTS: Sample Date 11/20/2002 Sample Depth 17'

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	0.024	0.700	2.340	36.3	869	3200
BOTTOM	<0.005	<0.005	0.061	0.307	<10.0	434	4200
REMEDIATED	<0.005	<0.005	<0.005	<0.015	<10.0	18.2	144

General Description of Remedial Action: A 20' x 20' area was excavated down to 17' bgs. A declination trend of chloride impact was not established so a 1' compacted clay barrier was installed at the 17' bottom. NMOCD guidelines for TPH were met at the 17' bottom composite and the wall composite. The excavated soil was landfarmed on location and then backfilled into the clay-lined excavation.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	ppm
Vertical	6'	1064
	14'	2844
10' E	10'	3286
	16'	3982
10' W	6'	1174
	16'	2226
10' S	6'	455
	16'	2015
10' N	6'	3704
	14'	2765

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 jct. B-16



Beginning of Excavation



Excavation



Clay Barrier @ 17' bgs



Backfilled (with new jct. box in background)



New Jct. Box



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

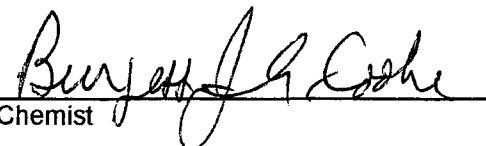
Receiving Date: 11/21/02
Reporting Date: 11/22/02
Project Number: NOT GIVEN
Project Name: B-16
Project Location: BD

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

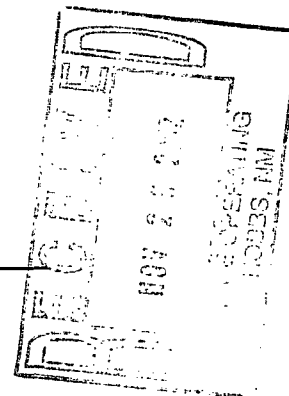
LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₀) (mg/Kg)	(>C ₁₀ -C ₂₈) (mg/Kg)	(mg/Kg)
ANALYSIS DATE		11/21/02	11/21/02	11/21/02
H7234-1	BOTTOM COMP. @ 17'	<10.0	434	4200
H7234-2	WALL COMP.	36.3	869	3200
Quality Control		757	840	970
True Value QC		800	800	1000
% Recovery		94.7	105	97.0
Relative Percent Difference		4.5	6.5	2.0

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

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


Chemist

11/22/02
Date



H7234A.XLS

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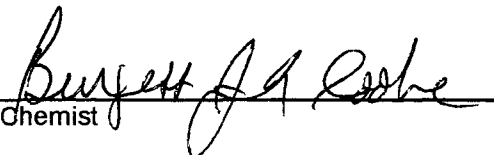
ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: KRISTIN FARRIS
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471

Receiving Date: 11/21/02
Reporting Date: 11/22/02
Project Number: NOT GIVEN
Project Name: B-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
H7234-1	BOTTOM COMP. @ 17'	<0.005	<0.005	0.061	0.307
H7234-2	WALL COMP.	<0.005	0.024	0.700	2.34
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


Chemist

11/22/02
Date



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Page of

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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



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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

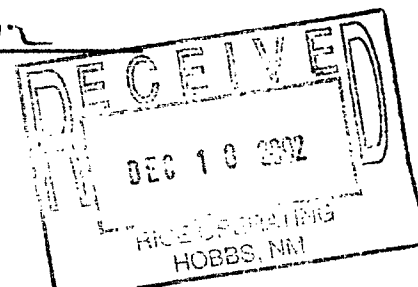
LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
		12/04/02	12/04/02	12/05/02
H7278-1	G-16	<10.0	11.0	144
H7278-2	B-16	<10.0	18.2	144
Quality Control		750	813	980
True Value QC		800	800	1000
% Recovery		93.7	102	98.0
Relative Percent Difference		6.3	3.8	3.0

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

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


Chemist

12/6/02
Date



H7278A.XLS

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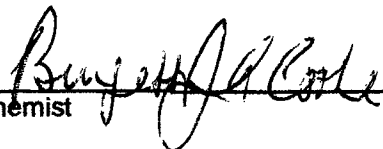
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Receiving Date: 12/04/02
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Project Name: BACKFILL COMPOSITES
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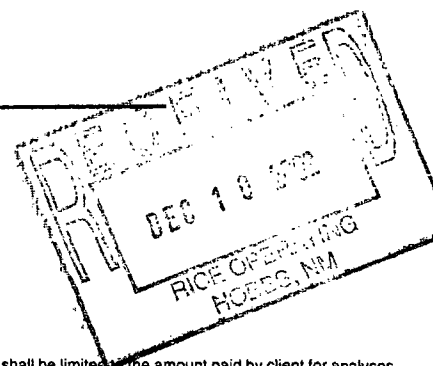
Sampling Date: 12/04/02
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

LAB NO.	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		12/04/02	12/04/02	12/04/02	12/04/02
H7278-1	G-16	<0.005	<0.005	<0.005	<0.015
H7278-2	B-16	<0.005	<0.005	<0.005	<0.015
Quality Control		0.107	0.101	0.104	0.301
True Value QC		0.100	0.100	0.100	0.300
% Recovery		107	101	104	100.0
Relative Percent Difference		2.1	6.9	10.1	8.6

METHOD: EPA SW-846 8260


Chemist

12/6/02
Date



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

Company Name: **RICE Operating**

Project Manager: **Kristin Farris**

Address: **122 W. Taylor**

City: **Hobbs**

Phone #: **393-9174**

Project #:

Project Name: **Backfill Composites**

Project Location: **BD**

Sampler Name: **K. Farris**

OR LAB USE ONLY

BILL TO

ANALYSIS REQUEST

P.O. #:

Company:

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

Lab I.D. **Sample I.D.**

4722754 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
C	1			X					X		12/6/02	—
C	1			X					X		12/6/02	—

CL-
BTEX
8015 GRO/DRO

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

Received By:

Phone Result:

Fax Result:

REMARKS:

Indiquished By: **11:30am**

Received By: (Lab Staff)

Burgess H. Cochran

Delivered By: (Circle One)

ampler - UPS - Bus - Other:

Sample Condition
Cool ☒ Intact ☒
Yes ☒ No ☒

CHECKED BY: (Initials)

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