

1R - 428-13

# REPORTS

DATE:

DEC 26, 2002

IR-428-13

**FINAL  
REPORT**

**RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT**

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length no box	Width XXX	Depth XXX
Hobbs	K-32	K	32	18 S	38 E	Lea			

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER \_\_\_\_\_ OXY Permian \_\_\_\_\_ OTHER \_\_\_\_\_

Depth to Groundwater <50 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 12/9/2002 Date Completed 12/20/2002 OCD Witness No

Soil Excavated 0 cubic yards Excavation Length n/a Width n/a Depth n/a feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date 12/9/2002 Sample Depth 4'

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.

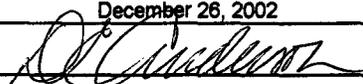
Sample Location	Benzene mg/kg	Toluene mg/kg	Ethyl Benzene mg/kg	Total Xylenes mg/kg	GRO mg/kg	DRO mg/kg	Chlorides mg/kg
SIDEWALLS	<0.005	<0.005	<0.005	<0.015	<10.0	<10.0	96
BOTTOM	<0.005	<0.005	<0.005	<0.015	<10.0	<10.0	80
REMEDIATED	n/a	n/a	n/a	n/a	n/a	n/a	n/a

**General Description of Remedial Action:** This junction box is part of the Hobbs system abandonment, therefore a new box is not required. The site did not exhibit any visible signs of impact. Field tests of bottom and wall composite samples found impact below NMOCD guidelines. The box lumber was removed and the hole was backfilled with clean soil and contoured to the surrounding landscape.

**CHLORIDE FIELD TESTS**

LOCATION	DEPTH	ppm
Bottom Comp.	4'	117
Wall Comp.	3'	135

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

DATE December 26, 2002 PRINTED NAME D.E. Anderson  
SIGNATURE  TITLE Projects Leader - Environmental



**ARDINAL**  
LABORATORIES

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: D. ANDERSON  
122 W. TAYLOR  
HOBBS, NM 88240  
FAX TO: (505) 397-1471

Receiving Date: 12/10/02  
Reporting Date: 12/12/02  
Project Number: NOT GIVEN  
Project Name: HOBBS SWD  
Project Location: NOT GIVEN

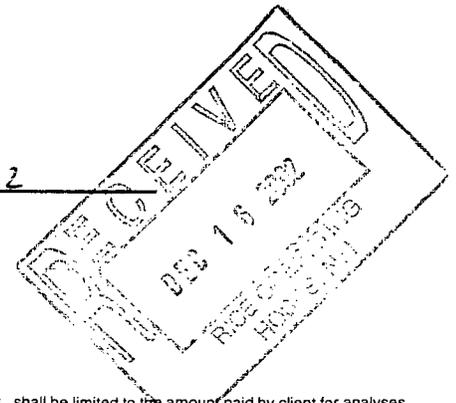
Sampling Date: 12/09 & 12/10/02  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: BC  
Analyzed By: BC/AH

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	(>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	(mg/Kg)
	ANALYSIS DATE	12/10/02	12/10/02	12/12/02
H7297-1	JCT O-5 REM. SOIL	<10.0	14.3	224
H7297-2	JCT J-32 WALL. COMP.	<10.0	<10.0	64
H7297-3	JCT J-32 BTM. COMP.	<10.0	<10.0	80
H7297-4	JCT K-32 WALL COMP.	<10.0	<10.0	96
H7297-5	JCT K-32 BTM. COMP.	<10.0	<10.0	80
H7297-6	JCT D-31-1 WALL COMP.	<10.0	<10.0	368
H7297-7	JCT D-31-1 BTM. COMP.	<10.0	<10.0	288
H7297-8	JCT A-36-1 WALL COMP.	<10.0	<10.0	80
H7297-9	JCT A-36-1 BTM. COMP.	<10.0	<10.0	48
	Quality Control	784	743	970
	True Value QC	800	800	1000
	% Recovery	98.0	92.9	97.0
	Relative Percent Difference	2.0	3.1	1.0

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

12/12/02  
Date



H7297A.XLS

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

Receiving Date: 12/10/02  
Reporting Date: 12/11/02  
Project Number: NOT GIVEN  
Project Name: HOBBS SWD  
Project Location: NOT GIVEN

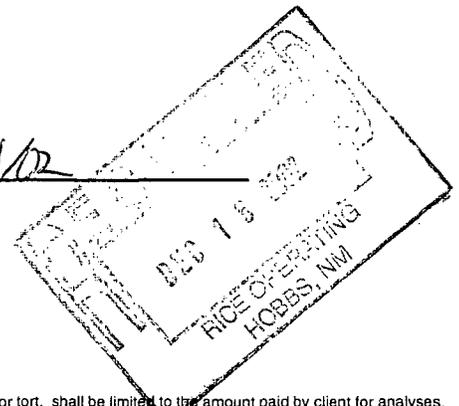
Sampling Date: 12/09 & 12/10/02  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: BC  
Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		12/10/02	12/10/02	12/10/02	12/10/02
H7297-1	JCT O-5 REM. SOIL	<0.005	<0.005	<0.005	<0.015
H7297-2	JCT J-32 WALL COMP.	<0.005	<0.005	<0.005	<0.015
H7297-3	JCT J-32 BTM. COMP.	<0.005	<0.005	<0.005	<0.015
H7297-4	JCT K-32 WALL COMP.	<0.005	<0.005	<0.005	<0.015
H7297-5	JCT K-32 BTM COMP.	<0.005	<0.005	<0.005	<0.015
H7297-6	JCT D-31-1 WALL COMP.	<0.005	<0.005	<0.005	<0.015
H7297-7	JCT D-31-1 BTM. COMP.	<0.005	<0.005	<0.005	<0.015
H7297-8	JCT A-36-1 WALL COMP.	<0.005	<0.005	<0.005	<0.015
H7297-9	JCT A-36-1 BTM. COMP.	<0.005	<0.005	<0.005	<0.015
Quality Control		0.100	0.100	0.098	0.283
True Value QC		0.100	0.100	0.100	0.300
% Recovery		100	100	97.6	94.3
Relative Percent Difference		4.5	3.1	6.4	4.8

METHOD: EPA SW-846 8260

*Supriya P. Chak*  
Chemist

12/11/02  
Date



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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**CARDINAL LABORATORIES, INC.**

2111 Beechwood, Abilene, TX 79603 101 East Mariland, Hobbs, NM 88240  
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

**BILL TO ANALYSIS REQUEST**

Company Name: RTS Operating Co  
 Project Manager: D. Anderson  
 Address: 100 W Taylor  
 City: Hobbs State: NM Zip: 88240  
 Phone #: 393-9174 Fax #: 397-1471  
 Project #: KOBBS SWD Project Owner:  
 Project Name:  
 Project Location:  
 Sampler Name: D Anderson

Lab I.D.	Sample I.D.	FOR LAB USE ONLY		# CONTAINERS	MATRIX				PRESERV		SAMPLING	
		(G)RAB OR (C)OMP.	GROUNDWATER		WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE:		ICE / COOL
H7297-1	Jet 0-5 Rem soil	✓	-	-	-	-	-	-	-	-	DATE	TIME
2	Jet J-32 wall Comp	-	-	-	-	-	-	-	-	-	12/09	1200
3	Jet J-32 btm Comp	-	-	-	-	-	-	-	-	-	12/10	1000
4	Jet K-32 wall Comp	-	-	-	-	-	-	-	-	-	12/10	1400
5	Jet K-32 btm Comp	-	-	-	-	-	-	-	-	-	12/10	1200
6	Jet D-31-1 wall Comp	-	-	-	-	-	-	-	-	-	12/9	1600
7	Jet D-31-1 btm Comp	-	-	-	-	-	-	-	-	-		
8	Jet A-36-1 wall Comp	-	-	-	-	-	-	-	-	-		
9	Jet A-36-1 btm Comp	-	-	-	-	-	-	-	-	-		

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Sampler Relinquished: D Anderson Date: 12/10/02 Time: 1450  
 Relinquished By: D Anderson Received By: (Lab Staff) Burke  
 Delivered By: (Circle One) Sample Condition Checked By: Burke (Initials)  
 Sampler - UPS - Bus - Other:  Yes  No

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

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.