

1R - 428-33

REPORTS

DATE:

DEC 4, 2002

IR-428-33

**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	G-30-1	G	30	18 S	38 E	Lea			

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Mark Carroll Bell OTHER _____

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

Date Started 11/18/2002 Date Completed 12/6/2002 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 11/18/2002 Sample Depth 3'

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	112
BOTTOM	<0.005	<0.005	<0.005	<0.015	<10.0	<10.0	112
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 box did not exhibit any visible signs of impact. Field tests of bottom and wall composite samples found minimal 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.	3'	26
Wall Comp.	2'	30

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

DATE December 6, 2002

PRINTED NAME D.E. Anderson

SIGNATURE *D.E. Anderson*

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

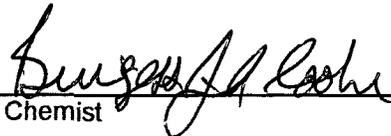
Receiving Date: 11/20/02
Reporting Date: 11/22/02
Project Number: JUNCTION G-30-1
Project Name: JUNCTION G-30-1 ABANDONMENT
Project Location: HOBBS SWD SYSTEM

Sampling Date: 11/18/02
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC/AH

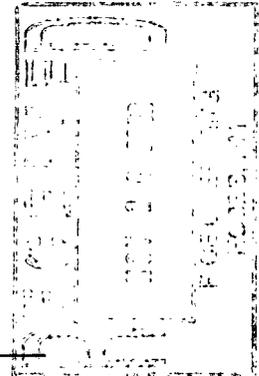
LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE		11/21/02	11/21/02	11/21/02
H7229-1	WALL COMPOSITE	<10.0	<10.0	112
H7229-2	BOTTOM COMPOSITE	<10.0	<10.0	112
Quality Control		757	840	970
True Value QC		800	800	1000
% Recovery		94.7	105	97.0
Relative Percent Difference		4.5	6.5	2.0

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

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


Chemist

11/22/02
Date



H7229A.XLS

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



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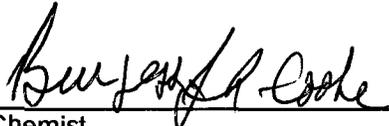
ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: CHRIS RODRIGUEZ
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471

Receiving Date: 11/20/02
Reporting Date: 11/22/02
Project Number: JUNCTION G-30-1
Project Name: JUNCTION G-30-1 ABANDONMENT
Project Location: HOBBS SWD SYSTEM

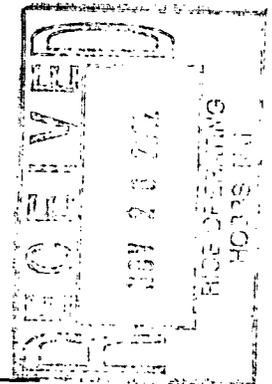
Sampling Date: 11/18/02
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

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
H7229-1	WALL COMPOSITE	<0.005	<0.005	<0.005	<0.015
H7229-2	BOTTOM COMPOSITE	<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


Chemist

11/22/02
Date





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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page _____ of _____

Company Name: <i>Rice Operating Co.</i>		BILL TO		ANALYSIS REQUEST																	
Project Manager: <i>Chris Rodriguez</i>		P.O. #:																			
Address: <i>122 W. Taylor</i>		Company:																			
City: <i>Hobbs</i>		Attn:																			
State: <i>NM</i> Zip: <i>88240</i>		Address:																			
Phone #: <i>393-9174</i>		City:																			
Fax #: <i>397-1471</i>		State:																			
Project #: <i>Junction G-30-1</i> Project Owner:		Phone #:																			
Project Name: <i>Junction G-30-1A abandonment</i>		Fax #:																			
Project Location: <i>Hobbs SWQ System</i>																					
Sampler Name: <i>Well and Bottom Composites</i>																					
FOR LAB USE ONLY																					
Lab I.D. <i>Sample I.D.</i>		MATRIX		PRESERV		SAMPLING		DATE		TIME											
		# CONTAINERS		ICE / COOL		OTHER :		<i>11-18-02</i>		<i>2:00pm</i>											
		(G) RAB OR (COMP)		ACID/BASE		OTHER :		<i>11-18-02</i>		<i>2:05pm</i>											
		GROUNDWATER		SLUDGE																	
		WASTEWATER		GRUDE OIL																	
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