

1R - 428-34

REPORTS

DATE:

DEC 5, 2002

IR-428-34

FINAL REPORT

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
HOBBS	G-30	G	30	18S	38E	LEA	Length	Width	Depth

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER VASILIO TREVINO OTHER _____

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

Date Started 11/26/2002 Date Completed 11/27/2002 OCD Witness NO

Soil Excavated 20 cubic yard Excavation Length 8' Width 8' Depth 9 feet

Soil Disposed _____ cubic yards Offsite Facility _____ Location _____

FINAL ANALYTICAL RESULTS: Sample Date 11/27/2002 Sample Depth 9'

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	<10	336
BOTTOM	<0.005	<0.005	<0.005	<0.015	<10	<10	192

General Description of Remedial Action: Delineated vertically to 9' bgs. TPH impact

stopped above 9' bgs. Field tests indicated impact did not affect ground water.

Backfilled with blended soil and contoured to surrounding terrain. This site is part of the Hobbs SWD system abandonment and a junction box is not required.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
SIDEWALLS	8'	237
BOTTOM	9'	124
Backfill	-	320
Vertical Trench	5'	563 TPH
	7'	289 TPH
	9'	33 TPH

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

DATE December 5, 2002 PRINTED NAME D. E. Anderson
SIGNATURE *D. E. Anderson* TITLE Project Leader - Environmental



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:

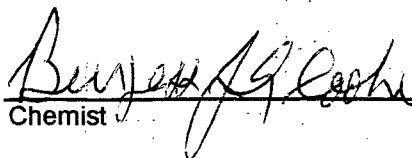
Receiving Date: 12/02/02
Reporting Date: 12/04/02
Project Number: NOT GIVEN
Project Name: HOBBS SWD
Project Location: NOT GIVEN

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

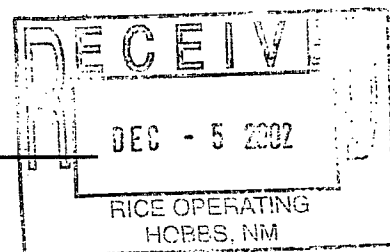
LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	CI* (mg/Kg)
		12/03/02	12/03/02	12/04/02
H7263-1	TRACT 5 EOL BTM COMP	<10.0	<10.0	80
H7263-2	TRACT 5 EOL WALL COMP	<10.0	<10.0	128
H7263-3	JCT I-9-1 BTM COMP	<10.0	<10.0	48
H7263-4	JCT I-9-1 WALL COMP	<10.0	<10.0	64
H7263-5	JCT G-30 BTM COMP	<10.0	<10.0	192
H7263-6	JCT G-30 WALL COMP	<10.0	<10.0	336
H7263-7	C-9 BTM COMP	<10.0	<10.0	64
H7263-8	C-9 WALL COMP	<10.0	<10.0	96
H7263-9	JCT E-10-1 BTM COMP	<10.0	<10.0	128
H7263-10	JCT E-10-1 WALL COMP	<10.0	<10.0	1184
Quality Control		771	779	980
True Value QC		800	800	1000
% Recovery		96.4	97.4	98.0
Relative Percent Difference		12.7	8.0	3.0

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

12/04/02
Date



H7263A.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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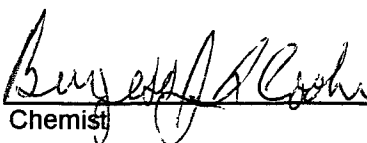
ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: D. ANDERSON
122 W. TAYLOR
HOBBS, NM 88240
FAX TO:

Receiving Date: 12/02/02
Reporting Date: 12/03/02
Project Number: NOT GIVEN
Project Name: HOBBS SWD
Project Location: NOT GIVEN

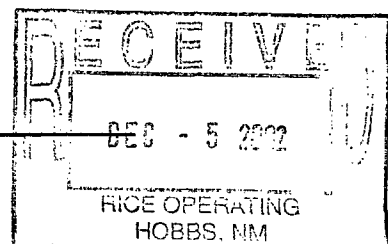
Sampling Date: 12/02/02
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

LAB NO.	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		12/02/02	12/02/02	12/02/02	12/02/02
H7263-1	TRACT 5 EOL BTM COMP	<0.005	<0.005	<0.005	<0.015
H7263-2	TRACT 5 EOL WALL COMP	<0.005	<0.005	<0.005	<0.015
H7263-3	JCT I-9-1 BTM COMP	<0.005	<0.005	<0.005	<0.015
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H7263-5	JCT G-30 BTM COMP	<0.005	<0.005	<0.005	<0.015
H7263-6	JCT G-30 WALL COMP	<0.005	<0.005	<0.005	<0.015
H7263-7	C-9 BTM COMP	<0.005	<0.005	<0.005	<0.015
H7263-8	C-9 WALL COMP	<0.005	<0.005	<0.005	<0.015
H7263-9	JCT E-10-1 BTM COMP	<0.005	<0.005	<0.005	<0.015
H7263-10	JCT E-10-1 WALL COMP	<0.005	<0.005	<0.005	<0.015
Quality Control		0.109	0.107	0.108	0.310
True Value QC		0.100	0.100	0.100	0.300
% Recovery		109	107	108	103
Relative Percent Difference		4.1	8.5	8.9	7.9

METHOD: EPA SW-846 8260


Chemist

12/63/02
Date



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.

ARDINAL LABORATORIES, INC.

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