

1R - 426-42

REPORTS

DATE:

3/11/2002

IR-426-42

FINAL REPORT

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
B-D	B-30	B	30	21S	37E	Lea	Length 6'	Width 5'	Depth 5'

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Tom Kennan OTHER _____

Depth to Groundwater 107' feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 02/22/2002 Date Completed 03/01/2002 OCD Witness No _____

Soil Excavated 20 cubic yards Excavation Length 14' Width 10' Depth 5' feet

Soil Disposed 0 cubic yards Offsite Facility none Location none

FINAL ANALYTICAL RESULTS: Sample Date 03/01/2002 Sample Depth 5' 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 PPM
SIDEWALLS	<0.005	<0.005	<0.005	<0.015	<10.0	<10.0	1300
BOTTOM	<0.005	<0.005	<0.005	<0.015	<10.0	27.5	656

General Description of Remedial Action: Excavated the area laterally and vertically to find the depth where impact met NMOCD TPH guidelines. At 5' bgs a compacted clay barrier was installed to slow the migration of any impact left in the soil. Then installed a water tight junction box and backfilled with clean soil. The area was contoured to the surrounding area. Because groundwater is 107' bgs, and the chlorides declined from 1950 ppm at 2' bgs to 600 ppm at 5' bgs it is assumed impact stopped before GW.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	Chlorides
B Comp	2' bgs	1950 ppm
B Comp	5' bgs	600 ppm

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

DATE March 11, 2002

PRINTED NAME Chris Rodriguez

SIGNATURE Chris Rodriguez

TITLE Environmental Technician



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

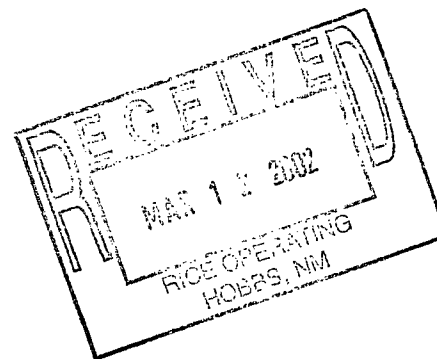
Receiving Date: 03/06/02
Reporting Date: 03/08/02
Project Owner: RICE
Project Name: JCT B-30 BOX UPGRADE
Project Location: B-D

Sampling Date: 02/22 & 02/26/02
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC/HM

LAB NUMBER SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (C ₁₀ -C ₂₈) (mg/Kg)	CI* (mg/Kg)
ANALYSIS DATE	03/07/02	03/07/02	03/08/02
H6569-1 WALL COMP.	<10.0	<10.0	1300
H6569-2 BOTTOM COMP.	<10.0	27.5	656
Quality Control	763	749	1040
True Value QC	800	800	1000
% Recovery	95.3	93.6	104
Relative Percent Difference	9.6	4.2	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.



Bryan L. Cope
Chemist

3/8/02
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.



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

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

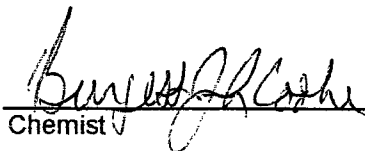
ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: CHRIS RODRIGUEZ
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471

Receiving Date: 03/06/02
Reporting Date: 03/08/02
Project Owner: RICE
Project Name: JCT B-30 BOX UPGRADE
Project Location: B-D

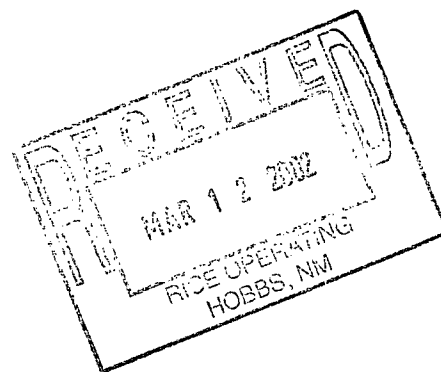
Sampling Date: 02/22 & 02/26/02
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		03/07/02	03/07/02	03/07/02	03/07/02
H6569-1	WALL COMP.	<0.005	<0.005	<0.005	<0.015
H6569-2	BOTTOM COMP.	<0.005	<0.005	<0.005	<0.015
Quality Control		0.110	0.101	0.108	0.310
True Value QC		0.100	0.100	0.100	0.300
% Recovery		110	101	108	103
Relative Percent Difference		2.9	0.8	5.6	6.4

METHOD: EPA SW-846 8260


Chemist

3/8/02
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.

H6569B.XLS

ARDINAL LABORATORIES, INC.

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

Page . of

[illegible]

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