

1R - 426-47

REPORTS

DATE:

3/13/2002

IR-426-47

FINAL REPORT

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
B-D	J-17	J	17	22S	37E	Lea	Length 10'	Width 10'	Depth 5'

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER _____ Millard Deck _____ OTHER _____

Depth to Groundwater _____ 67' _____ feet NMOCD SITE ASSESSMENT RANKING SCORE: _____ 10

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

Soil Excavated _____ 49 _____ cubic yards Excavation Length _____ 25' _____ Width _____ 25' _____ Depth _____ 8' _____ feet

Soil Disposed _____ 0 _____ cubic yards Offsite Facility _____ Junction Box _____ Location _____ Eunice, N.M.

FINAL ANALYTICAL RESULTS: Sample Date _____ March 1, 2002 _____ Sample Depth _____ 8' 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	68.3	2110
BOTTOM	<0.005	<0.005	<0.005	<0.015	<10.0	87.7	560

General Description of Remedial Action: Excavated the area laterally and vertically to find the depth where impact met NMOCD TPH guidelines. At 8' compacted clay barrier was installed to slow the migration of any impact left in the soil. A water tight junction box was installed and backfilled with blended soil. The area was contoured to the surrounding area. The excavated soil was blended on site and then used for backfill.

Because chlorides declined from 2000 ppm chlorides at 4' bgs to 600 ppm chlorides at 8' bgs, it is assumed that impact stops before GW.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	Chlorides
B Comp	8' bgs	600 ppm
W Comp	4'-8' bgs	1500 ppm

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

DATE _____ March 13, 2002 _____ PRINTED NAME _____ Chris Rodriguez _____
SIGNATURE _____ *Chris Rodriguez* _____ TITLE _____ Environmental Technician _____



ARDINAL LABORATORIES

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

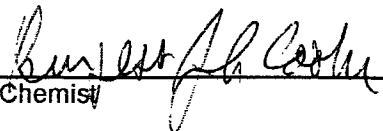
Receiving Date: 03/06/02
Reporting Date: 03/08/02
Project Owner: RICE
Project Name: JCT J-17 BOX UPGRADE
Project Location: B-D

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

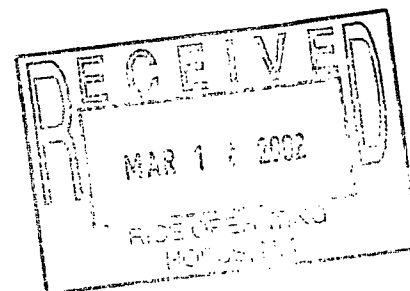
LAB NUMBER SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (C ₁₀ -C ₂₈) (mg/Kg)	CI* (mg/Kg)
ANALYSIS DATE	03/07/02	03/07/02	03/08/02
H6568-1 WALL COMP.	<10.0	68.3	2110
H6568-2 BOTTOM COMP.	<10.0	87.7	560
Quality Control	763	749	1040
True Value QC	800	800	1000
% Recovery	95.3	93.6	104
Relative Percent Difference	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.


Chemist

3/8/02
Date



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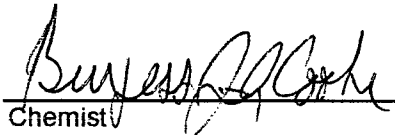
ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: CHRIS RODRIGUEZ
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471

Receiving Date: 03/06/02
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Project Owner: RICE
Project Name: JCT J-17 BOX UPGRADE
Project Location: B-D

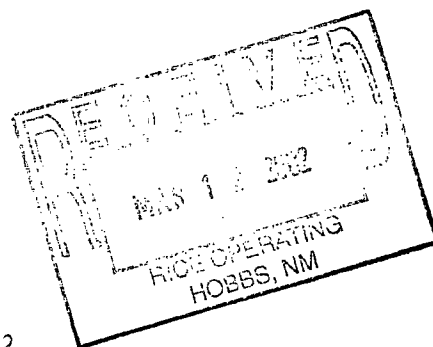
Sampling Date: 02/26/02
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

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
H6568-1	WALL COMP.	<0.005	<0.005	<0.005	<0.015
H6568-2	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

3/18/02
Date



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H6568B.XLS

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⁴ † Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.