

1R - 426-45

REPORTS

DATE:

12/30/2002

IR-426-45

FINAL REPORT

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
B-D	M-9	M	9	22S	37E	Lea	Length 20'	Width 10'	Depth 5'

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Charlie Bettis OTHER _____

Depth to Groundwater 81' feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 09/06/2002 Date Completed 10/10/2002 OCD Witness No

Soil Excavated 36 cubic yards Excavation Length 20' Width 10' Depth 6' feet

Soil Disposed 0 cubic yards Offsite Facility Junction M-9 Location Eunice N.M.

FINAL ANALYTICAL RESULTS: Sample Date 10/10/2002 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	<00.05	0.034	0.034	0.18	<10.0	<10.0	288
BOTTOM	<0.005	<0.005	<0.005	<0.015	<10.0	<10.0	352

General Description of Remedial Action: Excavated laterally and vertically to find the depth where impact met the NMOCD TPH guidelines. A composite sample was taken at 8' bgs and the results were 258 ppm chlorides. A compacted clay liner was installed to slow the migration of any impact left in the soil. A water tight junction box was installed and then backfilled.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	Chlorides
B Comp	6' bgs	697 ppm
B Comp	8' bgs	258 ppm
W Comp	2'-4' bgs	203 ppm
Lab B comp	8' bgs	352
Lab W comp	2'-4' bgs	288

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

DATE December 30, 2002 PRINTED NAME Chris Rodriguez

SIGNATURE *Chris Rodriguez* TITLE Environmental Technician



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

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ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: CHRIS RODRIGUEZ
122 W. TAYLOR
HOBBS, NM 88240
FAX TO:

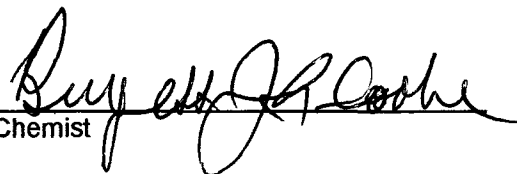
Receiving Date: 10/10/02
Reporting Date: 10/11/02
Project Number: M-9
Project Name: M-9 JUNCTION BOX UPGRADE
Project Location: B-D

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

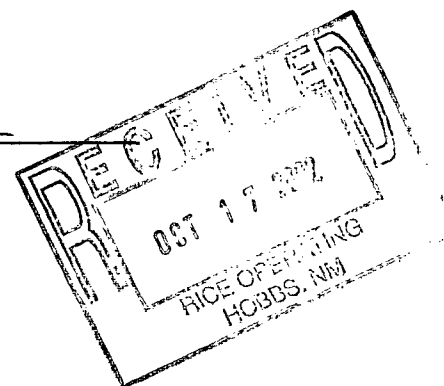
LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₀) (mg/Kg)	(>C ₁₀ -C ₂₈) (mg/Kg)	(mg/Kg)
ANALYSIS DATE		10/11/02	10/11/02	10/11/02
H7122-1	WALL COMPOSITE	<10.0	<10.0	288
H7122-2	BOTTOM COMPOSITE	<10.0	<10.0	352
Quality Control		939	1020	1050
True Value QC		1000	1000	1000
% Recovery		93.9	102	105
Relative Percent Difference		1.3	<0.1	1.1

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

10/11/02
Date



H7122A.XLS

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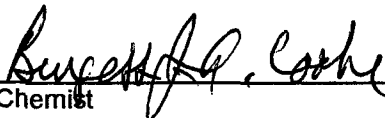
ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: CHRIS RODRIGUEZ
122 W. TAYLOR
HOBBS, NM 88240
FAX TO:

Receiving Date: 10/10/02
Reporting Date: 10/11/02
Project Number: M-9
Project Name: M-9 JUNCTION BOX UPGRADE
Project Location: B-D

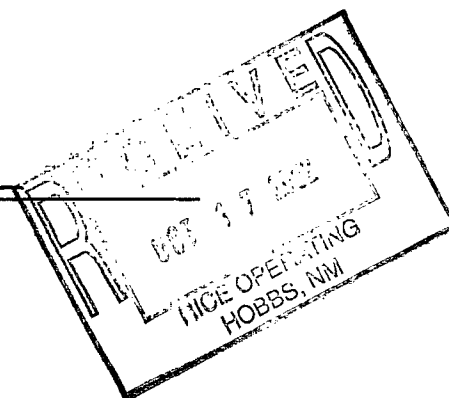
Sampling Date: 10/02/02
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		10/11/02	10/11/02	10/11/02	10/11/02
H7122-1	WALL COMPOSITE	<0.005	0.034	0.034	0.180
H7122-2	BOTTOM COMPOSITE	<0.005	<0.005	<0.005	<0.015
Quality Control		0.101	0.104	0.111	0.317
True Value QC		0.100	0.100	0.100	0.300
% Recovery		101	104	111	106.0
Relative Percent Difference		1.8	1.0	4.7	5.9

METHOD: EPA SW-846 8260


Chemist

10/11/02
Date



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