

1R - 426-46

REPORTS

DATE:

12/30/2002

1R-426-46

FINAL REPORT

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
B-D	A-2	A	2	22S	37E	Lea	26'	7'	6'

LAND TYPE: BLM _____ STATE X FEE LANDOWNER _____ OTHER _____

Depth to Groundwater 55 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 03/15/2002 Date Completed 03/25/2002 OCD Witness No

Soil Excavated 24 cubic yards Excavation Length 26' Width 7' Depth 10' feet

Soil Disposed 0 cubic yards Offsite Facility Junction A-2 Location Eunice N.M.

FINAL ANALYTICAL RESULTS: Sample Date 03/25/2002 Sample Depth 10' 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	528
BOTTOM	<0.005	<0.005	<0.005	<0.015	<10.0	116	256

General Description of Remedial Action: Excavated laterally and vertically to find the depth where impact met the NMOCD TPH guidelines. The chlorides declined from 750 ppm at 4' bgs to 200 ppm chlorides at 10' bgs therefore it is assumed that impact stops before groundwater. The depth to groundwater is 55' bgs. 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 backfilled.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	Chlorides
W Comp	2'-6' bgs	275
B Comp	6' bgs	300
B Comp	8' bgs	350
B Comp	10 bgs	200

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

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

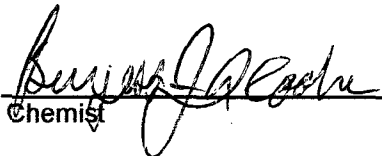
Receiving Date: 03/25/02
Reporting Date: 03/26/02
Project Number: COMPOSITES
Project Name: JCT A-2 BOX UPGRADE
Project Location: B-D

Sampling Date: 03/23/02
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		03/25/02	03/25/02	03/26/02
H6618-1	WALL COMP.	<10.0	<10.0	528
H6618-2	BOTTOM COMP.	<10.0	116	256
Quality Control		796	741	1030
True Value QC		800	800	1000
% Recovery		99.6	92.6	103
Relative Percent Difference		7.9	1.2	5.0

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

3/26/02
Date



H6618A.XLS
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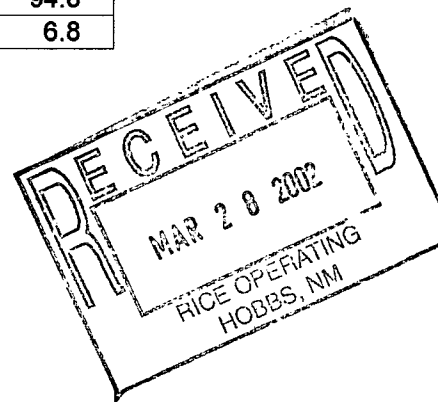
ANALYTICAL RESULTS FOR
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Receiving Date: 03/25/02
Reporting Date: 03/26/02
Project Number: COMPOSITES
Project Name: JCT A-2 BOX UPGRADE
Project Location: B-D

Sampling Date: 03/23/02
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		03/25/02	03/25/02	03/25/02	03/25/02
H6618-1	WALL COMP.	<0.005	<0.005	<0.005	<0.015
H6618-2	BOTTOM COMP.	<0.005	<0.005	<0.005	<0.015
Quality Control		0.105	0.103	0.099	0.284
True Value QC		0.100	0.100	0.100	0.300
% Recovery		105	103	98.7	94.8
Relative Percent Difference		3.4	1.4	6.7	6.8

METHOD: EPA SW-846 8260



Brynn A. Cashe
Chemist

3/26/02
Date

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H6618B.XLS

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† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.