

1R - 426-39

REPORTS

DATE:

1/15/2002

IR-426-39

FINAL REPORT

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
BD	N-15-2	N	15	21S	37E	LEA	Length 8	Width 6	Depth 5

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER _____ MILLARD DECK _____ OTHER _____

Depth to Groundwater 64 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 12/28/2001 Date Completed 12/28/2001 OCD Witness NO

Soil Excavated 0 cubic yards Excavation Length 8 Width 6 Depth 5 feet

Soil Disposed 0 cubic yards Offsite Facility _____ Location _____

FINAL ANALYTICAL RESULTS: Sample Date 12/28/2001 Sample Depth 5'

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	0.016	0.014	0.045	<50	<50	656
BOTTOM	<0.005	0.011	0.013	0.032	<50	<50	128

General Description of Remedial Action: Delineated vertical and lateral extent. Installed compacted clay liner and water tight junction box. Backfilled with compacted clay liner and clean soil. Compacted clay liner will act as a barrier to vertical transmissivity.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
SIDEWALLS	3'	300
BOTTOM	5'	100

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

DATE 1/15/2002 PRINTED NAME D. E. Anderson
SIGNATURE *D. E. Anderson* TITLE Project Leader - Environmental



ARDINAL LABORATORIES

PHONE (915) 873-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

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

*Risk Base
Closure*

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

Receiving Date: 01/02/02
Reporting Date: 01/04/02
Project Number: JCT N-15 S. BOX
Project Name: WALL & BOTTOM COMPOSITES
Project Location: B-D

Sampling Date: 12/28/01
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)	Cl ⁻ (mg/Kg)
		01/02/02	01/02/02	01/03/02
H6385-1	WALL COMPOSITE	<50	<50	656
H6385-2	BOTTOM COMPOSITE	<50	<50	128
	Quality Control	726	668	1050
	True Value QC	800	800	1000
	% Recovery	90.8	83.3	105
	Relative Percent Difference	3.9	1.1	3.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl⁻: Std. Methods 4500-Cl⁻B

*Analyses performed on 1:4 w:v aqueous extracts.

Bryan W. Cook
Chemist

1/4/02
Date

H6385.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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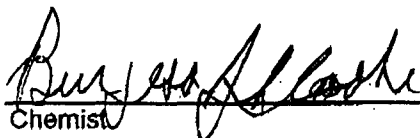
ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: CHRIS RODRIGUEZ
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471

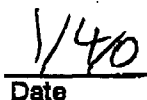
Receiving Date: 01/02/02
Reporting Date: 01/04/02
Project Number: JCT N-15 S, BOX
Project Name: WALL & BOTTOM COMPOSITES
Project Location: B-D

Sampling Date: 12/28/01
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		01/03/02	01/03/02	01/03/02	01/03/02
H6385-1	WALL COMPOSITE	<0.005	0.016	0.014	0.045
H6385-2	BOTTOM COMPOSITE	<0.005	0.011	0.013	0.032
Quality Control		0.102	0.100	0.104	0.304
True Value QC		0.100	0.100	0.100	0.300
% Recovery		102	99.8	104	101
Relative Percent Difference		6.0	3.8	2.8	2.5

METHOD: EPA SW-846 8260


Chemist


Date

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H6385B.XLS

ORDINAL LABORATORIES, INC.

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Page of

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Pie Operating Company Project Manager: Chris Rodriguez Address: 123 W. Taylor City: Hobbs State: NM Zip: 88400 Phone #: 383-9114 Fax #: 397-1471 Project #: JET 4115 5602 Project Name: Well & Bottom Composites Project Location: R-1										Company: Attn: Address: City: State: Zip: Phone #: Fax #:		PO #:	
FOR LAB USE ONLY										ANALYSIS REQUEST			
LAB I.D. H0385-1 - 2 Bottom Composite		Sample I.D. (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID: ICE / COOL OTHER :		MATRIX ☒ SOIL ☐ OIL ☐ SLUDGE ☐ OTHER :		PREP. DATE TIME		12/28/00 1:00pm 12/28/00 1:00pm		BTEX, TPH 8015, CL			
REMARKS:													