1R - 426-51

REPORTS

DATE:

1/11/2002

IR-426-51

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
BD	B-22-2	B	22	21S	37E	LEA	6	6	5

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER CHARLIE BETTIS OTHER _____

Depth to Groundwater 42 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 12/31/2001 Date Completed 12/31/2001 OCD Witness NO

Soil Excavated 12 cubic yards Excavation Length 8 Width 8 Depth 5 feet

Soil Disposed 0 cubic yards Offsite Facility _____ Location _____

FINAL ANALYTICAL RESULTS: Sample Date 12/31/2001 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	0.022	0.008	0.024	<50	<50	1184
BOTTOM	<0.005	0.016	0.029	0.079	<50	<50	224

General Description of Remedial Action: Delineated vertical and lateral extent. Lateral delineation was stopped at the vegetation line. The vegetation will act as a natural barrier to vertical transmissivity to the chlorides left per the wall composite. Installed a compacted clay liner and water proof junction box. Backfilled with blended soil. The clay liner was installed on the bottom and walls to act as a barrier to both.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
SIDEWALLS	3'	1150
BOTTOM	5'	550

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

DATE 1/11/2002 PRINTED NAME D. E. Anderson

SIGNATURE D E Anderson TITLE Project Leader - Environmental

CARDINAL LABORATORIES

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: 01/02/02
Reporting Date: 01/04/02
Project Number: JCT B-22-2
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)
ANALYSIS DATE		01/02/02	01/02/02	01/03/02
H6380-1	WALL COMPOSITE	<50	<50	1184
H6380-2	BOTTOM COMPOSITE	<50	<50	224
Quality Control		726	666	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.

Chemist

1/4/02
Date

H6380.XLS

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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		01/02/02	01/02/02	01/02/02	01/02/02
H6380-1	WALL COMPOSITE	<0.005	0.022	0.008	0.024
H6380-2	BOTTOM COMPOSITE	<0.005	0.016	0.029	0.079
Quality Control		0.095	0.096	0.101	0.297
True Value QC		0.100	0.100	0.100	0.300
% Recovery		95.1	96.0	101	98.8
Relative Percent Difference		11.3	5.2	5.7	4.8

METHOD: EPA SW-846 8260

Chemist

1/4/02
Date

H6380B.XLS

CARDINAL LABORATORIES, INC.

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page____ of____

Company Name:	Rice Operating Company	BILL TO	PO #:
Project Manager:	Chris Rodriguez	Company:	
Address:	122 W. Taylor	Attn:	
City:	Hobbs State: NM Zip: 88240	Address:	
Phone #:	393-9174	City:	
Fax #:	397-1471	State:	Zip:
Project #:	Jet B-22-2 Project Owner:	Phone #:	
Project Name:	Wall & Bottom Composites	Fax #:	
Project Location:	B-22		

FOR LAB USE ONLY				MATRIX						PRES.			SAMPLING		ANALYSIS REQUEST											
LAB I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID:	ICE / COOL	OTHER:	DATE	TIME	8015	BTEX	N1									
16380-1	Wall																								
-2	Bottom																								

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 the client for the 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 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.

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Sampler Relinquished: Chris Rodriguez	Date:	Received By:	Phone Result ☐ Yes ☐ No Additional Fax #:
	Time:		Fax Result: ☐ Yes ☐ No
Relinquished By:	Date: 1-2-02	Received By: (Lab Staff) Amy Hill	REMARKS:
	Time: 10:10		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No	CHECKED BY: (Initials)

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