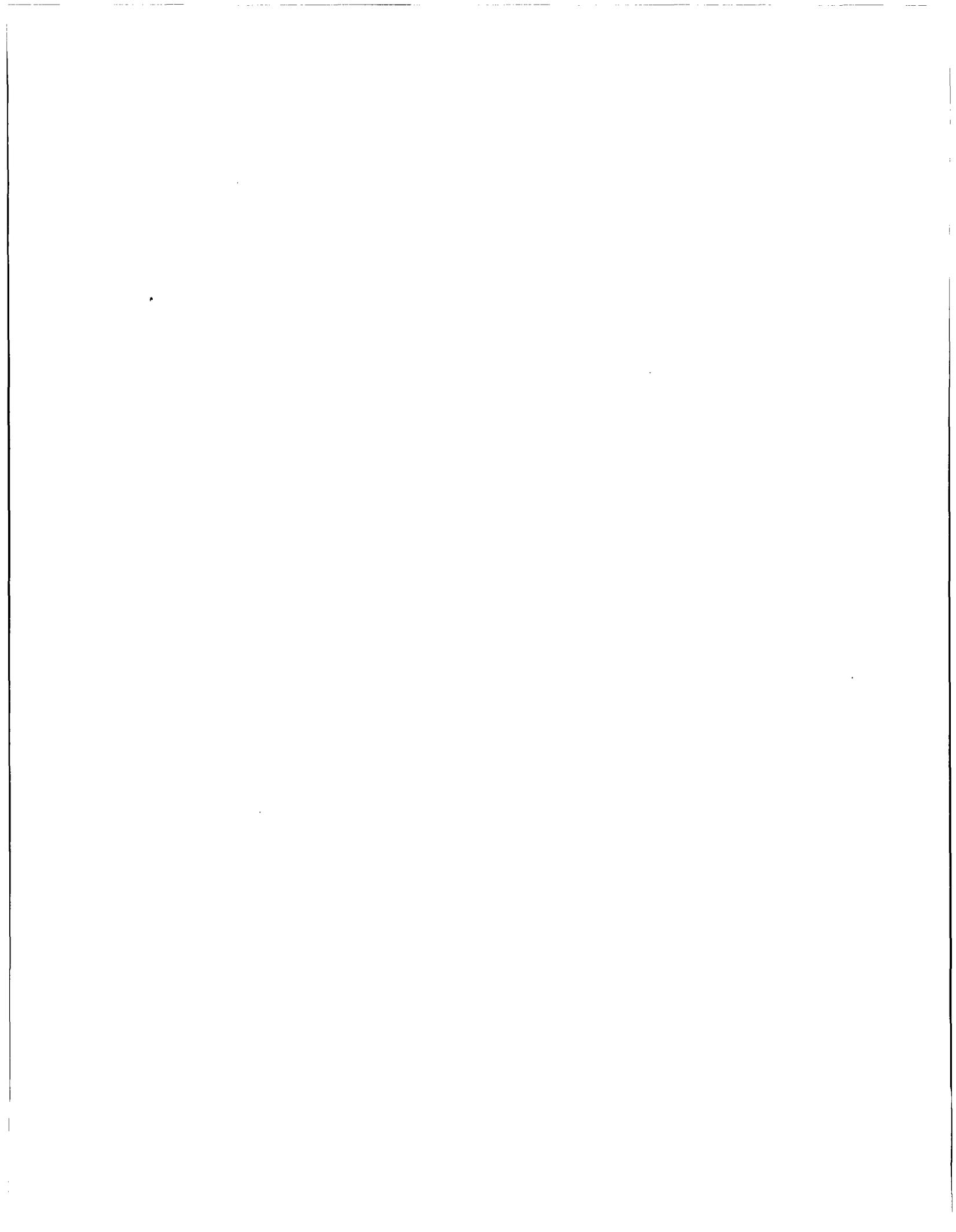


1R - 427 - 99

REPORTS

DATE:

11-29-2001



RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

427-99

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
EME	K-36	K	36	20S	36E	LEA	7	7	4

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

Depth to Groundwater 115 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 11/07/2001 Date Completed 11/07/2001 OCD Witness NO

Soil Excavated 0 cubic yards Excavation Length 10 Width 10 Depth 4 feet

Soil Disposed 0 cubic yards Offsite Facility _____ Location _____

FINAL ANALYTICAL RESULTS: Sample Date 11/07/2001 Sample Depth 4'

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	< 0.005	< 0.005	<0.015	<50	<50	272
BOTTOM	< 0.005	0.006	0.034	0.045	<50	269	704

General Description of Remedial Action: Initial closure testing demonstrated contaminant

levels below NMOCD guidelines. Installed a compacted clay liner and water proof junction box.

Backfilled with blended soil below NMOCD guidelines.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
SIDEWALLS	3'	275
BOTTOM	4'	725

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

DATE 11/29/2001 PRINTED NAME D. E. Anderson

SIGNATURE *D. E. Anderson* TITLE Project Leader - Environmental



PHONE (816) 873-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (605) 393-2328 • 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: 11/07/01
 Reporting Date: 11/12/01
 Project Number: K-36
 Project Name: K-36 BOX UPGRADE
 Project Location: EME

Sampling Date: 11/07/01
 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		11/09/01	11/09/01	11/08/01
H6269-1	WALL COMP.	<50	<50	272
H6269-2	BOTTOM COMP.	<50	269	704
Quality Control		829	782	980
True Value QC		800	800	1000
% Recovery		104	97.8	98.0
Relative Percent Difference		8.7	0.1	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.

Burton A. Cook
 Chemist

11/12/01
 Date

H6269A.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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 RICE OPERATING CO.
 ATTN: CHRIS RODRIGUEZ
 122 W. TAYLOR
 HOBBS, NM 88240
 FAX TO: (505) 397-1471

Receiving Date: 11/07/01
 Reporting Date: 11/12/01
 Project Number: K-36
 Project Name: K-36 BOX UPGRADE
 Project Location: EME

Sampling Date: 11/07/01
 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		11/07/01	11/07/01	11/07/01	11/07/01
H6269-1	WALL COMP.	<0.005	<0.005	<0.005	<0.015
H6269-2	BOTTOM COMP.	<0.005	0.006	0.034	0.045
Quality Control		0.112	0.103	0.110	0.327
True Value QC		0.100	0.100	0.100	0.300
% Recovery		112	103	110	109
Relative Percent Difference		3.8	1.6	1.6	2.3

METHOD: EPA SW-846 8260

Bryant J. LaRue
 Chemist

11/12/01
 Date

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CARDINAL LABORATORIES, INC.

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page _____ of _____

Company Name: <i>Pice Operating Company</i>		BILL TO PO #:							
Project Manager: <i>Chris Rodriguez</i>		Company:							
Address: <i>102 W. Taylor</i>		Attn:							
City: <i>Hobbs</i>		Address:							
Phone #: <i>393-9174</i>		City:							
Fax #: <i>397-1471</i>		State:							
Project #: <i>K-36</i>		Phone #:							
Project Name: <i>K-36 Box Upgrade</i>		Fax #:							
Project Location: <i>FAHE</i>									
FOR LAB USE ONLY									
LAB I.D.	Sample I.D.	MATRIX		PRES.	SAMPLING	DATE	TIME		
		(G)RAB OR (C)OMP.	# CONTAINERS					GROUNDWATER	WASTEWATER
	<i>Herb's Wellbore</i>	<input checked="" type="checkbox"/>				<i>11/20/01</i>	<i>8:30</i>		
	<i>Bottom Camp</i>	<input checked="" type="checkbox"/>				<i>11/20/01</i>			

X X BTEX/CO/SOLBM

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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 at costs of collection, including attorney's fees.

Sampler Relinquished: *Chris Rodriguez* Date: *11/20/01* Time: *4:30pm*

Relinquished By: _____ Date: _____ Time: _____

Received By: (Lab Staff) *Ben Rethford* Checked By: (Initials) *BR*

Delivered By: (Circle One) Sample Condition Cool Intact No Yes

Sampler - UPS - Bus - Other: _____

Phone Result Yes No Additional Fax #: _____
 Fax Result: Yes No

REMARKS:

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



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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: 11/07/01
 Reporting Date: 11/12/01
 Project Number: K-36
 Project Name: K-36 BOX UPGRADE
 Project Location: EME

Sampling Date: 11/07/01
 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)	CF* (mg/Kg)
ANALYSIS DATE	11/09/01	11/09/01	11/08/01
H6269-1 WALL COMP.	<50	<50	272
H6269-2 BOTTOM COMP.	<50	269	704
Quality Control	829	782	980
True Value QC	800	800	1000
% Recovery	104	97.8	98.0
Relative Percent Difference	8.7	0.1	0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CF: Std. Methods 4500-C1B

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

Burgett A. Cook
 Chemist

11/12/01
 Date

H6269A.XLS

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METHOD: EPA SW-846 8260

Burgett J. LaRue
Chemist

11/12/01
Date

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