1R - 428-11

REPORTS

DATE:

DEC 26, 2002

IR-428-11

FINAL

REPORT

RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

BOX LOCATION SWD SYSTEM JUNCTION UNIT SECTION TOWNSHIP RANGE COUNTY BOX DIMENSIONS - FEET										
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSH	IP RANGE	COUNTY				_
Hobbs	K-29	K	29	18 S	38 E	Lea	no box	Width XXX	Depth XXX	
LAND TYPE:	3LM	STATE	FEE L	ANDOWNE	R	OXY	OTHER			
Depth to Grou	ndwater	<50	feet	NMOCI	D SITE ASSE	SSMENT I	RANKING S	CORE:	20	
Date Started	12/10/	2002	Date Co	mpleted _	12/20/2002	OCD	Witness	1	No	
Soil Excavated	0	cubic ya	rds Ex	cavation	Lengthn/a	Width	n/a	Depth	n/a	feet
Soil Disposed	0	cubic ya	rds O	ffsite Facili	tyn	/a	Location		n/a	
FINAL ANALY				_			_			
		hloride lab	oratory test	results co	nd 4-point con mpleted by us to NMOCD gu	ing an app				
Sample Location	Benzene mg/kg		uene E g/kg	thyl Benzene mg/kg	Total Xylen		RO g/kg	DRO mg/kg	Chloride mg/kg	
SIDEWALLS	<0.005		005	<0.005	<0.015		0.0	<10.0	200	
BOTTOM	<0.005	<0.	005	<0.005	<0.015	<1	0.0	<10.0	80	
REMEDIATED	n/a	n	/a	n/a	n/a	r	/a	n/a	n/a	
General Description							CHLOF	RIDE FIELD	TESTS	
exhibit any visible sign:	s of impact. Fiel	ld tests of bot	tom and wall	composite sa	amples found		OCATION	DEPTH	1 рр	m
impact below NMOCD	guidelines. Th	e box lumber	was removed	and the hole		Во	ttom Comp.	2'	10	7
was backfilled with clea	an soil and cont	toured to the	surrounding is	andscape.		<u>v</u>	/all Comp.	N/A	51	
										
! HEREBY	CERTIFY T	HAT THE			VE IS TRUE		PLETE TO	THE BEST	OF MY	
			KNO		AND BELIE		<u> </u>			
DATE	Decemb	er 26, 2002		Р	RINTED NAME	*	D.E.	Anderson		
SIGNATURE	SIIM	Almor	<u> </u>		TITLE		Projects Lead	ter - Environn	nental	



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

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: KRISTIN FARRIS 122 W. TAYLOR

HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 12/10/02

Reporting Date: 12/12/02 Project Number: NOT GIVEN

Project Name: K-29 EOL Project Location: HOBBS, NM Sampling Date: 12/10/02 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC Analyzed By: BC/AH

DRO GRO CI* (C_6-C_{10}) (>C₁₀-C₂₈) (mg/Kg) (mg/Kg) (mg/Kg) LAB NUMBER SAMPLE ID

ANALYSIS DATE	12/10/02	12/10/02	12/12/02
H7296-1 BOTTOM COMP	<10.0	<10.0	80
Quality Control	784	743	970
True Value QC	800	800	1000
% Recovery	98.0	92.9	97.0
Relative Percent Difference	2.0	3.1	1.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl⁻: Std. Methods 4500-Cl⁻B *Analysis performed on a 1:4 w:v aqueous extract.

H7296A.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 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.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page of

ARDINAL 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

Junpania Maning. 110E	RICE Operating										01110						4	ANALYSIS	REC	REQUEST	-			
olect Manager.	Klis							P.O. #:	*6													\vdash		
Idress: 126	Idress: 182 W. Taylol							Com	Company:								-	,,		~~~~				
y: Hobbs	State: NM Zlp:	7 Zip:		8 80	34	Ø		Attn:									-							
1000 #: 393-9174	Fax#:	397-147	.70	12				身	Address:				,											
oject #:	Project Owner:	ï					-	: 					,				····	*****		4			-	
oject Name:	K-29 EOL						32	State:			Zlp:													
oject Location:	46665							hor	Phone #:								-							
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DR LAB LISE ONLY		L			≨	MATRIX	1	۴	PRESERV	M	SAMPLING	LING	T-											
-ab I.D.	Sample I.D.	.9AA(0) RO BAR(0)	# CONTAINERS	GROUNDWATER	MASTEWATER SOIL	CRUDE OIL	SENDEE	OTHER:	ICE / COOF	: яэнто	DATE	TIME	_70	X 318	W 5108									
1-95°C-	Bottom Comp.					+	+	-	+	+	17.1007		以	×	\geq				T	T	T	T		
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† Ĉardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.



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

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: KRISTIN FARRIS 122 W. TAYLOR HOBBS, NM 88240

FAX TO: (505) 397-1471

Receiving Date: 12/11/02 Reporting Date: 12/13/02 Project Number: NOT GIVEN

Project Name: K-29 EOL
Project Location: HOBBS, NM

Sampling Date: 12/11/02 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC Analyzed By: BC/AH

	GRO	DRO	
	(C ₆ -C ₁₀)	(>C ₁₀ -C ₂₈)	CI*
LAB NUMBER SAMPLE ID	(mg/Kg)	(mg/Kg)	(mg/Kg)

ANALYSIS DATE	12/12/02	12/12/02	12/12/02
			12/12/02
H7307-1 WALL COMP.	<10.0	<10.0	200
Quality Control	802	857	970
True Value QC	800	800	1000
% Recovery	100	107	97.0
Relative Percent Difference	10.2	0.3	1.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl': Std. Methods 4500-Cl'B *Analysis performed on a 1:4 w:v aqueous extract. Matrix interference (color) observed.

Chemist

Date

H7307A.XLS



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ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: KRISTIN FARRIS

122 W. TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 12/11/02 Reporting Date: 12/13/02 Project Number: NOT GIVEN

Project Name: K-29 EOL
Project Location: HORRS N

2/13/02 OT GIVEN

Project Location: HOBBS, NM

Sampling Date: 12/11/02

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	12/11/02	12/11/02	12/11/02	12/11/02
H7307-1 WALL COMP.	<0.005	<0.005	<0.005	<0.015
Quality Control	0.098	0.094	0.091	0.267
True Value QC	0.100	0.100	0.100	0.300
% Recovery	97.5	93.6	90.6	88.9
Relative Percent Difference	0.8	1.9	0.2	0.8

METHOD: EPA SW-846 8260

ist ((/

Date

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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SARDINAL LABORATORIES, INC.

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

ANALYSIS REQUEST Page OL THE Company: Address: Phone #: P.O. * State: *ax #: Attn: <u>Ç</u> State: NM Zlp: 88246 Fax#: 397-147 Project Owner: Operating ddress: 122 W. Tayla! 1-29 40665 hone #: 398-9/74 ompany Name: ALLE roject Manager: olect Location: ty: Hobbs impler Name: oject Name: oject #:

36 days past due at the rake of 24% per strum from the original date of its and all costs of collections, including attempt's feet, Add'l Phone #: □ **∀es** Phone Result: Fax Result: REMARKS: TIME oust paid by the clarit for the ays after completion of the ap-red by client, its subsidiates. SAMPLING DATE PRESERV. : A3HTO ICE / COOF : ABHTO arnoee MATRIX CRUDE OIL ROIL *RESTEWANTER* # CONTAINERS 4MO(3) RO BAS(8) ('cinp Sample I.D. to the wall pler Relinquished; OR LAB USE ONLY ab I.D.

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

Sool Intact

livered By: (Circle One) pler- UPS - Bus - Other:

Received By: (Lab Staff)

Time: