

IRD 427-57

FINAL

REPORT

RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

÷

З

				BOX LOC						
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNT	the second s	OX DIMENS		
EME	L-15	L	15	20 S	37 E	Lea	Lengti 9		düh 7	Depth 5
LAND TYPE:	BLM	STATE	FEE LA	NDOWNER	T. S	Stradley	от	HER		
Depth to Grou	ndwater	None	feet	NMOC	SITE ASSI	ESSMEN	T RANKIN	IG SCORI	≣:	0
Date Started	8/7/2	002	Date Co	mpleted	8/9/2002	00	D Witness		No	
Soil Excavated	0	cubic ya	rds Exe	cavation Le	ength 0	Wi	dth0	Dep	th	0feet
Soil Disposed	00	cubic ya	rds Of	fsite Facility	<u> </u>	/a	Loca	tion	n/a	
FINAL ANALY	TICAL R	ESULTS	S: Sampl	le Date	8/9/20	02	Sample	e Depth_		3'
	ocure 5-poin BTEX and C	hloride lab	oratory test	results com		ing an ap				
Sample	Benzene	Tok	uene E	thyl Benzene	Total Xylen	es	GRO	DRO		Chlorides
Location	mg/kg		/kg	mg/kg	mg/kg		mg/kg	mg/k		mg/kg
SIDEWALLS	n/a		/a	<u>n/a</u>	n/a		n/a	n/a		n/a
BOTTOM REMEDIATED	<0.005 n/a		005 /a	<0.005 n/a	<0.015 n/a		<10 n/a	<10 n/a		112 n/a
General Descriptio										
L-15, was bored in 20							CI			510
initial L-15 samples re	vealed that chi	oride impact i	s minimal; la	b results confi	rmed this. No	[LOCATIC	N D	EPTH	ppm
excavation was require	ed. Given the f	act that no g	roundwater is	found here, o	ne can be cont	ident	Vertica	1	1'	127
that the amount of imp	pact left in place	e will not adv	erselv affect t	he soil and an	y TPH remnan	ts			2'	85
will naturally attenuate										
surface is already exp	eriencing re-gro	owth of veget	ation.			[
	**************************************					r				
••••••••••••••••••••••••••••••••••••••						F				1
	<u> </u>									1
										1
cc: lab results					······					
						No				

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

DATE	12-30-02		Kristin Farris
SIGNATURE	Knistin Janie	TITLE	Environmental Projects Scientist



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

Receiving Date: 08/09/02 Reporting Date: 08/12/02 Project Number: NOT GIVEN Project Name: BOTTOM COMPOSITE Project Location: EME L-15 Sampling Date: 08/09/02 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: GP 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	08/10/02	08/10/02	08/12/02
H6948-1 L-15 BOTTOM COMP.	<10.0	<10.0	112
Quality Control	812	788	1030
True Value QC	800	800	1000
% Recovery	102	98.5	103.0
Relative Percent Difference	0.6	4.2	1.2

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

Y EAAR Cooph

H6. 3A.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.



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

Receiving Date: 08/09/02 Reporting Date: 08/10/02 Project Number: NOT GIVEN Project Name: BOTTOM COMPOSITE Project Location: EME L-15 Sampling Date: 08/09/02 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: GP Analyzed By: BC

LAB NUMBE	R SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS E	DATE	08/10/02	08/10/02	08/10/02	08/10/02
H6948-1	L-15 BOTTOM COMP.	< 0.005	<0.005	<0.005	<0.015
Quality Cont	rol	0.100	0.092	0.095	0.276
True Value C	2C	0.100	0.100	0.100	0.300
% Recovery		100	92.3	94.6	92.1
Relative Per	cent Difference	8.2	8.3	5.7	8.6

METHOD: EPA SW-846 8260

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 Database. Service Database in the complete 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.

う)				
ARDINAL LABORATORIES,	S, INC.	IC	HAIN-UF-		CHAIN-UF-CUSIODY AND ANALYSIS REQUEST	
2111 Beechwood, Abilene, TX 79603 (915) 673-7001 Fax (915) 673-7020	3 101 East Marland, Hobbs, NM 88240 0 (505) 393-2326 Fax (505) 393-2476	005, NM 88240			Page of	
Company Name: Rice Obecating		BILL TO			뀌	
	P.C	P.O. ₩ 11 6				
[]	Co	Company: Some				
	9h288	/				
-9174 F	וראו	Address:				
	City:	Υ.				
Project Name: Bottom Composite	State:	ite: Zip:				
	Ph	Phone #:				
Sampler Name:	Fax #:	C #		-		
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	6)		
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL CRUDE OIL SLUDGE OTHER :	ACID/BASE: ICE / COOL OTHER : DA	TIME BTEX			
H6948-1 L-15 Bottom Comp.	X	X 8-4-02	0730 X	XX		
EASE NOTE: Lisbility and Darmagoes. Cardwars initially and cleart's analytic remody for any claim stating whether based in contrast or tort, stratists initially and cleart is the duel for the analytic remody for any claim stating whether based in contrast or tort, stratists initially and cleart is the applicable along and a post-	an artist whether based in contrast or tort, whe had waived artises mode in writing and received by	a be imited to the execute paid by the c Cardinal within 30 days after complete	Surf for the on of the applicable		Terms and Conditions: laterat will be charged on all accounts more than 30 days part due at the rate of 24% year arrum from the critical date of howice	Ī
whee, in no overt shal Cardnai be lable for incidental or consequental damagee, including without instation, business itsernyctions, loss of use, or loss of profile incurred by client, its subsidiantee Nation or successors arising out of or related to the performance of services instander by Cardinal, regardless of whether such claim is based upon any of the above stated ressons or otherwise	rout Arritation, business interruptions, loss of use, c Anal, regardless of whether such staim is based up	or loss of profiles incurred by client, he s oon any of the showe stated neasons or	ubsidiarios, officirwise.		and all costs of collections, including attorney's free.	
(,	Received By:	1	Phone Result: Fax Result: REMARKS:	11 Yes 11 No	Add' Phone #: Add' Fax #:	
teilinquished By: Club 1 2/2 Date: 8/9/02 Club 2 Club 2 C	Received By: (Lab Staff)	CHECKED BY: (Initials)				
Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.	ax written changes to 505-39	33-2476.				

EME L-15 Re-plumbing Excavation

1



Old Junction Box Location





Ditch with New Plumbing And Vegetation Growth

Side of Ditch with Vegetation



New Junction Box Construction

in al



Finished Junction Box

