1R - 428.39

# REPORTS

DATE:

DEC 5, 2002

### FINAL

## REPORT

### RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

				BOX LOC	ATION					
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY		DIMENSIONS		_
HOBBS	D-10	D	10	198	38E	LEA	Length	Width	Depth	
LAND TYPE: E	BLM	STATE	FEE L	ANDOWNER	e oxy	PERMIAN	OTHE	R		
Depth to Groui	ndwater	<50	feet	NMOCE	SITE ASSI	ESSMENT	RANKING	SCORE:	20	
Date Started	11/21	/2002	Date Co	ompleted	11/21/2002	OCD	Witness _	N	0	
Soil Excavated	120	cubic yar	· . E	cavation L	ength 28'	Width	21'	Depth	8	feet
Soil Disposed		cubic yar	rds C	offsite Facility	·		Location	on		
FINAL ANALY	rocure 5-poi	nt composite Chloride lab	e sample o oratory tes		d 4-point con apleted by us	nposite sam sing an appr	ple of side	walls. TPH,	8'	
Sample	Benzene		•	Ethyl Benzene	Total Xylen		RO I	DRO	Chlorid	es
Location	mg/kg		/kg	mg/kg	mg/kg	mg	g/kg	mg/kg	mg/kg	1
SIDEWALLS	<0.005		005	<0.005	<0.015		10	<10	320	
воттом	<0.005	<0.	005	<0.005	<0.015	<	10	<10	176	
General Description indication of TPH in Backfilled with blended	npact. Field ten	sts indicated surrou	amples were		guidelines.		OCATION		l mg	
SWD system abandon	ment and a jun	ction box is no	t required.			SI	DEWALLS	S 6'	23	32
							воттом	8'	18	33
							Backfill	-	26	30
						v	ertical Trench	8'	10	)0
							·····	10'	24	10
									-	-
		···			· · · · · · · · · · · · · · · · · · ·					
						L				
I HEREB	Y CERTIFY	THAT THE		TION ABOV			PLETE TO	THE BEST (	OF MY	
ATE								E. Anderson		
SIGNATURE	DEin	ndem	<u> </u>		TITLE	Р	roject Lea	der - Environr	mental_	



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

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: D. ANDERSON 122 W. TAYLOR

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

Receiving Date: 11/21/02 Reporting Date: 11/22/02

Project Number: NOT GIVEN

Project Name: HOBBS SWD
Project Location: JCT D-10

Sampling Date: 11/21/02

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH Analyzed By: BC/AH

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

ANALYSIS DATE	11/21/02	11/21/02	11/22/02
H7237-1 4PT WALL COM	P <10.0	<10.0	320
H7237-2 5PT BTM COMP	<10.0	<10.0	176
Quality Control	- 757	. 840	970
True Value QC	800	800	1000
% Recovery	94.7	105	97.0
Relative Percent Difference	4.5	6.5	2.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl<sup>-</sup>: Std. Methods 4500-Cl<sup>-</sup>B \*Analyses performed on 1:4 w:v aqueous extracts.

Chemist

Date

Date

H7237A.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: D. ANDERSON 122 W. TAYLOR

HOBBS, NM 88240

FAX TO: (505) 397-1471

Receiving Date: 11/21/02 Reporting Date: 11/25/02

Project Number: NOT GIVEN

Project Name: HOBBS SWD

Project Location: JCT D-10

Sampling Date: 11/21/02

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: BC

LAB NO. SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE	11/22/02	11/22/02	11/22/02	11/22/02
H7237-1 4PT WALL COMP	<0.005	<0.005	<0.005	<0.015
H7237-2 5PT BTM COMP	<0.005	<0.005	<0.005	<0.015
Quality Control	0.104	0.099	0.100	0.291
True Value QC	0.100	0.100	0.100	0.300
% Recovery	104	98.9	100	97.1
Relative Percent Difference	4.1	7.1	7.8	7.6

METHOD: EPA SW-846 8260

wy eff / Cashe

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Page

**ARDINAL LABORATORIES, INC.**2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240 10451 577-7001 (505) 393-2426 Fax (505) 393-2476

(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476	
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CLE)	v Name:
	Company

company name:	" KICL COPYCITUS CO			BILL TO	70			ANALY	<b>ANALYSIS REQUEST</b>	EST	
Project Manager:	2		P.O. #:								
Address: //	133 W MALON		Company:	) خ							
CHy: 16/	ite: NM	Zip: 68246	Attn:	2	NA						
Phone #: 39	393-9174 Fax# 397-1471	- 1411	Address:	101/2:s		<u>-</u>				-	
Project #:	Project Owner:		Clty:	)							
Project Name:	Hophs SWD		State:	Zip:		W					
Project Location:	n: Jct D-10		Phone #:	<u></u>		'5/					
Sampler Name:	D Anderson		Fax #:			0					
FOR LAB USE ONLY		MATRIX	PRE	PRESERV. SA	SAMPLING	8	5				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL CRUDE OIL	SLUDGE OTHER:	отнек: Отнек:	DATE TIME	H.d.L	Chleride				
177237-1	4pt wall Comp				0621/00/1230	^	_				
6-	Set by Como	- /		11/11	1/or 1230	م					
PLEASE NOTE: LLEWY	PLEASE NOTE: Liability and Demagos. Cardinal's liability and clear's exclusive remocy for any clean arising whether base	im arteing whether besed in contract	or tort, ethnis be lim	and to the emount	d in contract or tort, shall be limited to the amount paid by the offert for the			Terms	nd Conditions: Interes	Terms and Conditions; Interest will be charged on all accounts more than	ounts more than
service. In no event shall C	manyee, na canala indee in ingganiza ana any una cana minacera ana se contra wawa areas maca in mining and toomad by Canala water and companies of the apparatual service. In no event shall Canala is principally dent, its subsidiaries,	of waves stores made in what and it finitation, business interruptions, los	es of use, or loss o	of profits incurred by	nos compresson os una appar y client, its subsidiarios,			and all co	Ju days paid due at the rate of 24% per arrum from and all costs of collections, including attorney's fees.	30 days paint due at the rate of 24% per arrum from the original date of invoice, and all costs of collections, including attorney's fees.	ignal date of invoice,
affiliates of successors arts	efficies or excessors afteing out of or related to the performance of services hereunder by Cardinal, regardees of whether such claim is based upon any of the above stated ressons or otherwise.	mi, regardess of whether such claim i	is based upon any	of the above stated	I ressons or otherwise.						

Phone Result: Fax Result: REMARKS: 20/12/

☐ No Add'i Phone #

CHECKED BY: (Initials) Sample Condition
Cool friest
No No Received By: (Lab Staff) Time: Delivered By: (Circle One)

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

Sampler - UPS - Bus - Other:





