1R-426-46

REPORTS

DATE:

12/30/2002

1R-426-46

FINAL REPORT

RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY		IMENSIONS -	
B-D	A-2	Α	2	228	37E	Lea	Length 26'	Width 7'	Depth 6'
<u> </u>	[42	<u></u>	<u> </u>			20		
LAND TYPE:	BLM	STATE	FEE LA	NDOWNER			OTHER		
Depth to Groui	ndwater	55	feet	NMOCD	SITE ASSE	SSMENT F	RANKING S	CORE:	10
Date Started	03/15	/2002	Date Co	mpleted	03/25/2002	OCD \	Vitness	N	<u> </u>
Soil Excavated	24	cubic ya	rds Ex	cavation Le	ngth <u>26'</u>	Width	7'	Depth 10'	feet
Soil Disposed	0	cubic ya	rds Of	fsite Facility	Juncti	on A-2	Location	Euni	ce N.M.
FINAL ANAL									10' bgs
	•	Chloride lab	oratory test	bottom and results com pursuant to	pleted by us	sing an appr	•		
Sample	Benzene	Tol	uene E	thyl Benzene	Total Xylen	es G	RO I	DRO	Chlorides
Location	ma/ka		a/kg	ma/ka	ma/ka		/ka	ma/ka	PPM
SIDEWALLS BOTTOM	<0.005 <0.005		.005	<0.005 <0.005	<0.015 <0.015		0.0 0.0	<10.0 116	528 256
General Description the depth where imp	act met the M	NMOCD TPH	guidelines.	The chlorides	declined			RIDE FIELD	
from 750 ppm at 4'	ogs to 200 pp	om chlorides	at 10' bgs th	erefore it is a	ssumed that	L	CATION	DEPTH	Chlorides
mpact stops before	groundwater	. The depth	to groundwa	ter is 55' bgs.	Α	'	W Comp	2'-6' bgs	275
compacted clay line	r was installed	d to slow the	migration of	any impact le	ft in the soil.		B Comp	6' bgs	300
A water tight junction	n box was ins	talled and ba	ckfilled.				B Comp	8' bgs	350
	·-·			· · · · · · · · · · · · · · · · · · ·			B Comp	10 bgs	200
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I HEREB	Y CERTIFY	THAT THE		ATION ABOY	,		LETE TO T	HE BEST C	F MY
DATE	Decem	ber 30, 2002	. 	PR	INTED NAME		Chris	Rodriguez	
SIGNATURE	his 5	lads	igue	· · · · · · · · · · · · · · · · · · ·	TITLE		Environm	ental Technicia	n



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: 03/25/02

Reporting Date: 03/26/02

Project Number: COMPOSITES

Project Name: JCT A-2 BOX UPGRADE

Project Location: B-D

Sampling Date: 03/23/02

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		03/25/02	03/25/02	03/26/02
H6618-1 W	ALL COMP.	<10.0	<10.0	528
H6618-2 B	OTTOM COMP.	<10.0	116	256
Quality Control		796	741	1030
True Value QC		800	800	1000
% Recovery		99.6	92.6	103
Relative Percent	Difference	7.9	1.2	5.0

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

Date

PLEASE NOTE: Library in 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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Sample Received By: BC

Analyzed By: BC

	7 00 00 100		22/22/22	1000000
LAB NUMBER SAMPLE ID	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
	BENZENE	TOLUENE	BENZENE	XYLENES
			ETHYL	TOTAL

ANALYSIS I	DATE	03/25/02	03/25/02	03/25/02	03/25/02
H6618-1	WALL COMP.	<0.005	<0.005	<0.005	<0.015
H6618-2	BOTTOM COMP.	<0.005	<0.005	<0.005	<0.015
Quality Con	irol	0.105	0.103	0.099	0,284
True Value		0.100	0.100	0.100	0.300
	· · · · · · · · · · · · · · · · · · ·				
% Recovery		105	103	98.7	94.8
Relative Per	cent Difference	3.4	1.4	6.7	6.8

METHOD: EPA SW-846 8260

3/26/02

Date

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Project Manager: (Project Manager: Chais Redkiquet							18		0		PO #:															
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Project #: Gmass,	, fes Project Owner:		Rice					State:			7	Zlp:		~	, 												
Project Name: 1ct A-2	A-2 box Upgrade	8						Pho	Phone #:					SIG	<u> </u>		_										
Project Location: B	1							Fax#:	##					B	. 0								····				-
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LAB I.D.	Sample I.D.	.G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	NASTEWATER SOIL	OIF	SLUDGE	: A3HTC	CE / COOF	: ЯЭНТО	DATE		TIME	, 25 , X3T8.	totvala		·						-				
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[↑] Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.