1R-426-70

REPORTS

DATE:

109/2001

RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

BOX LOCATION

			T =====		CATION			MENOLONG		_
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSH	IP RANGE	COUNTY	Length	DIMENSIONS -		{
BD	F-32	F	32	21\$	37E	LEA	10'	5'	Depth 6'	
LAND TYPE: B	LMS	STATE	X FEE L	ANDOWNE	R	·	OTHER	<u> </u>		
Depth to Groun	ndwater	90	feet	NMO	CD SITE ASS	ESSMENT	RANKING S	SCORE:	10	
Date Started	12/09/2	2000	_ Date C	ompleted_	01/02/2001	OCD	Witness	No.	0	
Soil Excavated	56	cubic ya	rds E	excavation	Length 12'	Width	7'	Depth	18'	feet
Soil Disposed	0	cubic ya	rds (Offsite Facil	ity		Location			
FINAL ANALY	TICAL RI	ESULT	S: Sam	ple Date _	01/09/2	2001	Sample D	epth	18'	
P			poratory te	st results co	nd 4-point con impleted by us to NMOCD gu	ing an appn				
Sample	Benzene	1		Ethyl Benzen			RO	DRO	Chlorid	
Location	mg/kg		g/kg	mg/kg	mg/kg		g/kg	mg/kg	mg/kg	
SIDEWALLS	< 0.002		.002	< 0.002	< 0.006		50	81.5	1530	
BOTTOM	< 0.002		.002	< 0.002	< 0.00€	<u> </u>	50	<50	2920	
General Description Chlorides dropped from demonstrates impact pro-	4800 ppm at 8	' to 2400 pp	m at 18' acc	ording to field		eation	CHLO OCATION	RIDE FIELD DEPTH		ı/kg
water tight junction box	was installed.	Backfilled w	ith blended to	op soil.		S	DEWALLS	6'	18	00
			~~~				воттом	8'	48	00
								13'	29	50
								15'	37	00
								18'	24	00
I HEREB	Y CERTIFY	THAT THE			OVE IS TRUE E AND BELIE	* '	PLETE TO 1	THE BEST O	F MY	
DATEA	Januar	y 9, 2001	9	<b>—</b> '	PRINTED NAME		Jan	es Sturgill		
SIGNATURE	emes!	All	erge		TITLE		Environm	ental Technic	ian	



PHONE (915) 673-7001 · 2111 BEECHWOOD · ABILENE, TX 79603

PHONE (505) 383-2326 - 101 E. MARLAND - HOBBS, NM 88240

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: JAMES STURGILL 122 W. TAYLOR HOBBS, NM 88240 FAX TO:

Receiving Date: 01/02/01

Reporting Date: 01/04/01

Project Number: NOT GIVEN

Project Name: F-32 BOTTOM-18' AND SIDES Project Location: F-SEC32 T21S R37E BD

eso fa Cooke

Sampling Date: 01/02/01

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: B C

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	01/03/01	01/03/01	01/04/01
H5487-1 F-32 BOTTOM	<50	<50	2920
H5487-2 F-32 SIDES	<50	81.5	1530
Quality Control	929	1049	1004
True Value QC	1000	1000	1000
% Recovery	92.9	105	100
Relative Percent Difference	8.5	7.8	7.2

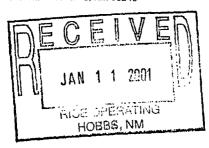
METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CIB *Analyses performed on 1:4 w:v aqueous extracts.

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ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: JAMES STURGILL 122 W. TAYLOR HOBBS, NM 88240 FAX TO:



Receiving Date: 01/02/01 Reporting Date: 01/05/01

Project Number: F-32 BOTTOM

Project Name: F-32 BOTTOM-18' AND SIDES Project Location: F - SEC 32 T21S R32E BD

Sampling Date: 01/02/01 Sample Type: SOIL

Sample Condition: COOL, INTACT Sample Received By: BC-HOBBS

Analyzed By: JA

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DAT		01/04/01	01/04/01	01/04/01	01/04/01
H5487-1	F-32 BOTTOM	<0.002	<0.002	<0.002	<0.006
H5487-2	F-32 SIDES	<0.002	<0.002	<0.002	<0.006
Quality Control		0.092	0.096	0.087	0.262
True Value QC		0.100	0.100	0.100	0.300
% Accuracy		92	96	87	87
Relative Percent	Difference	4.9	2.8	2.4	2.3

METHOD: EPA SW 846-8020, 5030, Gas Chromatography

Chemist

7 - J

Date

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page_of

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

Company Name:	Rien Ountation		87.270			ANALYSIS REQUEST	
Project Manager:	4mo		P.O. #:				
Address:	DZZ WTAVla		Company:				
City:	Nodes State: M.	21p: 88240	Attn:				
Phone #:	3939174 Fax#		Address:				
Project #:	F-32 Battom Project Owner.	2.	Gfty:				
Project Name:	Bottom -18"	dsides	State: Zip:	,			
Project Location:	F-50132 7215 P	322 31	Phone #:	6			
Sampler Name:	JAMES STURA:11		Fax f.	1.			
FOR LAB USE CALY		MATRIX	PRESERV, SAMPLING				
	,	яэта яэт		108			
Lab I.D.	Sample I.D.	UNDW TEWA TEWA	COOL SASE ER:	157			
-1.8597		80IL WAS WAS	OTH!	TIME C			
	F-32 Bottom		1/13/V	X			
ファー	32 sides			X			
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					,		
State Live State	25/5 (All 1/2) (All 1/2)						
referen. All claims including in ander, in no event chall Cardin	The second secon	ones army winders beared in comment of the condition with and race from the factors beared to the condition of the condition	sed to comment of vort, while the instead to the emount pass by the chart for it we'll go and recomplished by Carolinal while 10 days after completion of the completion of the	To clear for the philosophe phelon of the applicable to a part of the applicable to a		Terms and Conditional; interval will be dranged on all accounts from than 30 days part due at the rate of 26% per arrun from the original data of treates.	e fran of Inesica
ifflates or eucosesors arising o	intended or eucosescent artists out of or related to the performance of services hareunder by Cardinal, regardless of what	rand, repardess of whether each claim is b	her auch clein is besed upon any of the above stated ressons			HILD IN CORRECCION, INCLUSING SECRETORY'S SPEED.	
aupiner rempure	Bried: Date:	Received By:		Phone Result:   Yes	2 2	Add' Phone #:	
ARME	Time:	<b>.</b>		REMARKS:		AND I LEAR P.	
Refindulshed By:	10/2016	Regelved By: (Lab Staff					
			Ward?				
Delivered By: (Circle One)	(Circle One)	Sample Condition	tion CHECKED BY: (initials)	·			
Sampler - UPS · Bus · Other.	Bus - Other:	XYes Kyes				,	<del></del>

† Cardinal cannot accept verbal changes. Please fax written changes to 605-393-2476.

### RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

			BOX LOC						
JUNCTION	UNIT	SECTIO	N TOWNSHIP	RANGE	COUNTY				_
F-32	F	32	218	37E	LEA	Length 10'	VViath 5'	6'	
LM	STATE	XFEE	LANDOWNER	1941-1941-1941-1941-1941-1941-1941-1941		OTHER			
ndwater	90	feet	NMOCE	SITE ASSE	ESSMENT I	RANKING S	CORE:	10	
12/09/	2001	Date (	Completed	01/02/2001	OCD I	Witness	t	NO	
56	cubic ya	rds i	Excavation Le	ngth 12'	Width	7'	Depth	18'	feet
0	cubic ya	rds	Offsite Facility	1- L		Location	<del></del>		<del></del>
								18'	<del></del>
•	•	poratory to	est results com res pursuant to	pleted by usi NMOCD gu	ing an appro idelines.				
Benzene ma/ka	1								
		<u> </u>							
				<u> </u>			<50		
······································	acted clay lin		d vertically and later tight junction bo	<del></del>	rith		RIDE FIELD	·	0
	acted clay lin		<del></del>	<del></del>	rith Lo	OCATION	RIDE FIELD	·	ı/kg
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nstalled a comp	acted clay lin		<del></del>	<del></del>	ith L(	OCATION DEWALLS		·	n/kg
nstalled a comp	acted clay lin		<del></del>	<del></del>	ith L(	OCATION DEWALLS		·	ı/kg
nstalled a comp	acted clay lin		<del></del>	<del></del>	ith L(	OCATION DEWALLS		·	n/kg
nstalled a comp	acted clay lin		<del></del>	<del></del>	ith L(	OCATION DEWALLS		·	ı/kg
nstalled a comp	acted clay lin		<del></del>	<del></del>	ith L(	OCATION DEWALLS		·	n/kg
nstalled a comp	acted clay lins.	er and water	<del></del>	x. Backfiled w	AND COMP	DCATION DEWALLS BOTTOM	DEPTI	H mo	n/kg
nstalled a comp OCD guidelines	acted clay lins.	er and water	AATION ABOV	x. Backfiled w	AND COMF	DCATION DEWALLS BOTTOM	DEPTI	H mo	n/kg
	ater	F-32 F  SLMSTATE  ndwater90 12/09/2001 56cubic ya 0cubic ya  /TICAL RESULTS  rocure 5-point composit BTEX and Chloride lat  BenzeneTol	F-32 F 32  SLMSTATEXFEE  ndwater90feet 12/09/2001Date 0 56cubic yards 0cubic yards  /TICAL RESULTS: Sam  rocure 5-point composite sample BTEX and Chloride laboratory to procedur  BenzeneToluenemg/kg	F-32 F 32 21S  SLMSTATE _X _FEE LANDOWNER  Indivater90feet	F-32 F 32 21S 37E  SLMSTATE _X _FEE LANDOWNER	F-32 F 32 21S 37E LEA  SLM STATE X FEE LANDOWNER  Indivater 90 feet NMOCD SITE ASSESSMENT F  12/09/2001 Date Completed 01/02/2001 OCD N  56 cubic yards Excavation Length 12' Width  0 cubic yards Offsite Facility  TICAL RESULTS: Sample Date 01/09/2001  Procure 5-point composite sample of bottom and 4-point composite sample BTEX and Chloride laboratory test results completed by using an appropriate procedures pursuant to NMOCD guidelines.  Benzene Toluene Ethyl Benzene Total Xylenes Gleng/kg mg/kg mg/	F-32 F 32 21S 37E LEA Length 10'  SLM STATE X FEE LANDOWNER OTHER  adwater 90 feet NMOCD SITE ASSESSMENT RANKING STATE 12'09/2001 Date Completed 01/02/2001 OCD Witness  56 cubic yards Excavation Length 12' Width 7'  0 cubic yards Offsite Facility Location  TICAL RESULTS: Sample Date 01/09/2001 Sample Date  Trocure 5-point composite sample of bottom and 4-point composite sample of sidew BTEX and Chloride laboratory test results completed by using an approved lab and procedures pursuant to NMOCD guidelines.  Benzene Toluene Ethyl Benzene Total Xylenes GRO mg/kg mg/k	F-32 F 32 21S 37E LEA Length 10' 5'  BLM STATE X FEE LANDOWNER OTHER  Indwater 90 feet NMOCD SITE ASSESSMENT RANKING SCORE:  12/09/2001 Date Completed 01/02/2001 OCD Witness  56 cubic yards Excavation Length 12' Width 7' Depth 0 cubic yards Offsite Facility Location  TICAL RESULTS: Sample Date 01/09/2001 Sample Depth  rocure 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.  Benzene Toluene Ethyl Benzene Total Xylenes GRO mg/kg	F-32 F 32 21S 37E LEA Length 10' 5' 6'  BLM STATE X FEE LANDOWNER OTHER  Indivater 90 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10  12/09/2001 Date Completed 01/02/2001 OCD Witness NO  56 cubic yards Excavation Length 12' Width 7' Depth 18'  0 cubic yards Offsite Facility Location  TICAL RESULTS: Sample Date 01/09/2001 Sample Depth 18'  rocure 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.  Benzene Toluene Ethyl Benzene Total Xylenes GRO DRO Chloric mg/kg mg/k



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

**ANALYTICAL RESULTS FOR** RICE OPERATING CO. ATTN: JAMES STURGILL 122 W. TAYLOR **HOBBS, NM 88240** 

FAX TO:

Receiving Date: 01/02/01 Reporting Date: 01/04/01

Project Number: NOT GIVEN

Project Name: F-32 BOTTOM-18' AND SIDES

Project Location: F-SEC32 T21S R37E BD

Sampling Date: 01/02/01

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: B C 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		01/03/01	01/03/01	01/04/01
H5487-1 F-32	BOTTOM	<50	<50	2920
H5487-2 F-32	SIDES	<50	81.5	1530
Quality Control		929	1049	1004
True Value QC	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	1000	1000	1000
% Recovery		92.9	105	100
Relative Percent Diff	erence	8.5	7.8	7.2

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

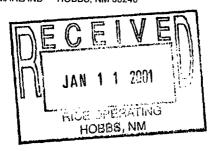
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ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: JAMES STURGILL 122 W. TAYLOR HOBBS, NM 88240 FAX TO:



Receiving Date: 01/02/01 Reporting Date: 01/05/01

Project Number: F-32 BOTTOM

Project Name: F-32 BOTTOM-18' AND SIDES Project Location: F - SEC 32 T21S R32E BD

Sampling Date: 01/02/01 Sample Type: SOIL

Sample Condition: COOL, INTACT Sample Received By: BC-HOBBS

Analyzed By: JA

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DAT	Ē	01/04/01	01/04/01	01/04/01	01/04/01
H5487-1	F-32 BOTTOM	<0.002	<0.002	<0.002	<0.006
H5487-2	F-32 SIDES	<0.002	<0.002	<0.002	<0.006
Quality Control		0.092	0.096	0.087	0.262
True Value QC		0.100	0.100	0.100	0.300
% Accuracy		92	96	87	87
Relative Percen	t Difference	4.9	2.8	2.4	2.3

METHOD: EPA SW 846-8020, 5030, Gas Chromatography

nemist

1-5.01

Date

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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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

Company Name:	Rice Overation		01.77/8		A	<b>ANALYSIS REQUEST</b>	<b>1</b> 1	
Project Manager:	9 1011		P.O. <b>*</b> :					
Address:	DZZ WTAYlar		Company:					
City:	S	ZIp: 88140	Attn:					
Phone #:	3434174 Fax#		Address:					
Project <b>#</b> :	F-32 Battom Project Owner		Gity:					
Project Name:	F-32 Bottom-18' An	Awdsides	State: Zip:					
Project Location:	F-50032 7215 P	328 30	Phone at:	d				
Sampler Name:	Stuka:11		Fex #:	7.				
FOR LAB USE ONLY		MATRIX	PRESERV SAMPLING					
		язта язт		108				
Lab I.D.	Sample I.D.	NTAINE TEWAT	COOF BYSE: EK:	剧				
-LX591	· · · · · · · · · · · · · · · · · · ·	SOIL WAST # CO!	OTHE	TIME				
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Sampler Relinguished:	/	Received By:			OND	Add'l Phone 8:		
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Delivered By: (Circle One)		Sample Conditi	ion CHECKED BY:					
Sampler - UPS - Bus - Other.	Bus - Other:					,		

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