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REPORTS

DATE:



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DISCLOSURE

REPORT

RICE OPERATING COMPANY JUNCTION BOX DISCLOSURE REPORT

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				BOX LOC	ATION					
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNT		OX DIMENS		
EME	0-24	ο	24	20 S	36 E	Lea	Lengt	h Wid No E		Depth
LAND TYPE: 1	BLM	STATE	FEE LA		LTuff	y Cooper	 OT			I
Depth to Grou					SITE ASSI					?*
Deptil to Glou		<u> </u>	1001	NNOOL						<u> </u>
Date Started	12/12/	2002	Date Co	mpleted	12/19/2002) Witness		No	
Soil Excavated	540	cubic ya	rds Exc	cavation Le	ength 35	Wi	1th 35	Dept	h1	2feet
Soil Disposed	0	cubic ya	rds Of	fsite Facility	n	/a	Loca	tion	n/a	
FINAL ANAL	TICAL R	ESULTS	S: Sampi	e Date	12/17/2	002	Sampl	e Depth		12'
	ocure 5-poin BTEX and C	hloride labo	procedures	results com pursuant to	pleted by us NMOCD gu	ing an aj idelines.	proved la		ng	
Sample	Benzene			thyl Benzene	Total Xylen	es	GRO	DRO		Chlorides
Location BOTTOM	mg/kg <0.005		g/kg 005	mg/kg <0.005	mg/kg <0.015		mg/kg <10.0	mg/kg <10.0		mg/kg 798
WALLS	< 0.005	and the second sec	005	<0.005	<0.015		<10.0	<10.0		780
REMEDIATED	< 0.005			<0.005	<0.015		<10.0	65.3	·	368
impacted with TPH pr The walls were then e	REMEDIATED <0.005 <0.005 <0.015 <10.0 65.3 368 eneral Description of Remedial Action: This junction box location was visibly pacted with TPH prior to excavating. Vertically, the visual TPH ceased at 11' bgs. ne walls were then extended until visual TPH virtually diminished, creating a 35'x 35' x 12' CHLORIDE FIELD TESTS acavation. The excavated soil was landfarmed on-site and then backfilled into the excavation. CHLORIDE FIELD TESTS									
The backfill was conto	oured to mimic t	he surroundi	ng landscape	and the surfa	ce is expected	to	LOCATIC	N DE	EPTH	ppm
experience a re-growt	h a vegetation.	The bottom	and wall com	posite sample	s were tested	for	Vertica	1	8'	1107
chlorides at two different	ent labs. Cardi	nal Laborator	y's results ha	ve been signif	icantly inconsi	stent			12'	986
with field tests, as was	s the case wher	n these result	s were receiv	ed. The samp	oles were then	sent			14'	951
to Environmental Lab	of Texas whose	e results were	e congruent w	ith field tests a	and those resu	lts	17' E		6'	489
are reported above.			······		<u></u>		17'W		8'	1102
							·		12'	507
* Depth to groundwate	er here is ambig	guous. USGS	5 maps indica	te that the site	is located on	a	17'N	<u>·</u>	12'	1073
hydrogeologic bounda	ary line to the no	orth of which	groundwater	is around 36' a	and 117' to the		17'S		8'	476
south.									12'	910
cc: lab results, photos	,									l

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

DATE	1/13/2003		Kristin Farris	
SIGNATURE	Knisein Sanis	TITLE	Projects Scientist	

EME jct. O-24



NORM Excavation



Beginning Excavation

EME jct. O-24



Bottom of Excavation

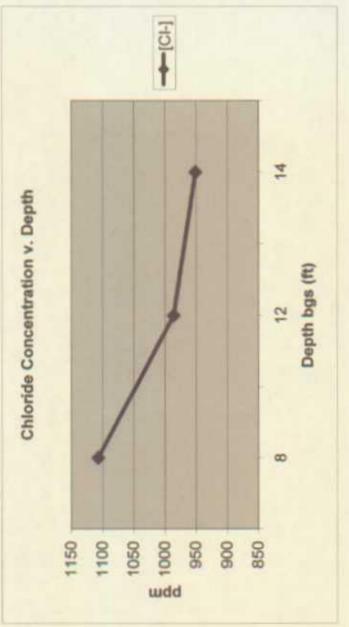


Backfilled

EME jct. 0-24 T20S, R36E

[Cl-] ppm	1107	986	951
Depth bgs (ft)	8	12	14





ANALYTICAL REPORT

Prepared for:

Kristin Farris Rice Operating 122 W. Taylor Hobbs, NM 88240

 Project:
 0-24 Jct.

 PO#:
 749

 Order#:
 G0205356

 Report Date:
 12/31/2002

<u>Certificates</u> US EPA Laboratory Code TX00158



ENVIRONMENTAL LAB OF TEXAS SAMPLE WORK LIST

Rice Operating 122 W. Taylor Hobbs, NM 88240 505-397-1471 Order#:G0205356Project:None GivenProject Name:0-24 Jct.Location:EME SWD

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

			Date / Time	Date / Time		
<u>Lab ID:</u>	Sample :	<u>Matrix:</u>	Collected	Received	Container	Preservative
0205356-01	Bottom Comp. @12'	SOIL	12/17/02	12/30/02 19:46	Plastic Bag	None
Lai	<u>b Testing:</u>	Rejected: N	lo Ten	np: n/a		
	Chloride					
0205356-02	Wall Comp.	SOIL	12/17/02	12/30/02 19:46	Plastic Bag	None
La	<u>b Testing:</u>	Rejected: N	lo Ten	np: n/a		•
	Chloride		·····			

ENVIRONMENTAL LAB OF TEXAS ANALYTICAL REPORT

Kristin Farris Rice Operating 122 W. Taylor Hobbs, NM 88			Order# Project Project Locatio	t: t Name:	G0205356 None Given 0-24 Jct. EME SWD			
Lab ID: Sample ID:	0205356-01 Bottom Comp. @12'							
Test Paran Parameter	neters	<u>Result</u>	Units	Dilutio <u>Facto</u>		Method	Date Analyzed	<u>Analyst</u>
Chloride		798	mg/kg	1	20	9253	12/31/02	SB
Lab ID: Sample ID:	0205356-02 Wall Comp.						······································	<u></u>
Test Paran Parameter Chloride	neters	<u>Result</u> 780	<u>Units</u> mg/kg	Dilutio <u>Facto</u> 1		<u>Method</u> 9253	Date <u>Analyzed</u> 12/31/02	<u>Analyst</u> SB

andk Int 12-31-02 $-\Delta$ Approval: Date

Raland K. Tuttle, Lab Director, QA Officer Celey D. Keene, Org. Tech. Director Jeanne McMurrey, Inorg. Tech. Director Sandra Biezugbe, Lab Tech. Sara Molina, Lab Tech.

RL = Reporting Limit N/A = Not Applicable

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Page 1 of 1

ENVIRONMENTAL LAB OF TEXAS QUALITY CONTROL REPORT

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Test Parameters

Order#: G0205356

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0004213-01			<20.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0205356-01	798	1000	1790	99.2%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0205356-01	798	1000	1810	101.2%	1.1%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0004213-04		5000	4960	99.2%	

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST	0-24 :4.	7	EME SWO	676		Analyze For:	TCLP- TOTAL:		1021B/5030	Metals: Votatie Semivin Semixe BTEX 6	2	-?			Sample Containers intact? Y N Temperature Upon Receipt $p_1^{(A)} \leq f_1^{(A)} \leq \beta_2^{(A)}$			
CHAIN OF CUSTODY	Project Name:	Project #:	Project Loc:	Hod H	ł			Matrix	< 1002/1002 9' I 2' I \ 944 - € € 2becij\):	0 / 30 P I A HAT	× X V	X X				Date Time	thère thun	
					Fax No: (505)397- 1471			Preservative	Specify)	Vone None Huo, None None None None None None None	×	7					44	North X
lnc.	S	na		640	Ŀ	12	,		belqmst	2 əfaQ	202121		 		d b	Received by:	Paramet Nr El O	
Environmental Lab of Texas, 12600 West 1-20 East Phone: 915-563-1800 Odessa, Texas 79763	anager Kristin Farris	Company Name R/CE Operating	122 N/ 1	City/State/Zip: Hobbs, NM 88.240	Telephone No: (525) 393-9174	gnature: X012110 Ja121				FIELD CODE	Bottom Come @ 12'	20			RESULTS ASI	- Date Time	12/ /23002 1630	the Rober 19
Environm 12600 West 1-20 East Odessa, Texas 79763	Project Manager:	Compan	Company Address:	City/S	, Telept	Sampler Signature:				0205356	01	10			Special Instructions: FAX	Relinquished by:	X. Jar 212	O (Augustica of

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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: 12/17/02 Reporting Date: 12/18/02 Project Number: NOT GIVEN Project Name: O-24 Project Location: EME Sampling Date: 12/17/02 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: AH Analyzed By: BC/AH

	ER SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS	DATE	12/17/02	12/17/02	12/18/02
H7325-1	BTM COMP. @ 12'	<10.0	<10.0	1150
H7325-2	WALL COMP.	<10.0	<10.0	1060
Quality Con	trol	831	806	970
True Value	QC	800	800	1000
% Recovery	1	104	101	97.0
Relative Pe	rcent Difference	1.6	2.2	1.0

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

H7325A.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: 12/17/02 Reporting Date: 12/18/02 Project Number: NOT GIVEN Project Name: O-24 Project Location: EME Sampling Date: 12/17/02 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: AH Analyzed By: BC

LAB NUMB	ER SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS	DATE	12/17/02	12/17/02	12/17/02	12/17/02
H7325-1	BTM COMP. @ 12'	<0.005	<0.005	< 0.005	<0.015
H7325-2	WALL COMP.	<0.005	<0.005	<0.005	<0.015
Quality Cont	trol	0.100	0.094	0.094	0.273
True Value	QC	0.100	0.100	0.100	0.300
% Recovery	1	99.5	94.2	93.7	91.1
Relative Per	rcent Difference	12.3	12.2	10.7	8.2

METHOD: EPA SW-846 8260

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Ø		CHAIN-OF-	CUSTODY A	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
2111 Beechwood, Abilene, TX 79603 (915) 673-7001 Fax (915) 673-7020	, IVC. 101 East Marland, Hobbs, NM 88240 (505) 393-2326 Fax (505) 393-2476	88240 2476		lo eñed
company Name: RICE Opulating			Ą	ANALYSIS REQUEST
3	P.O. #			
	Company:			
	88240			
-9/74 Fax #	471			
.oject #: Project Owner:	City:			
oject Name: $\mathcal{O} - \mathcal{A} \neq$	State:	Zip:		
2	Phone #:			
Impler Name: K. Farr's	Fax 2:			
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+ Cafdinal cannot accept verbal changes. Please fax written changes to 505-393-2476	c written changes to 505-393-2476.			



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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: 12/20/02 Reporting Date: 12/26/02 Project Number: NOT GIVEN Project Name: NOT GIVEN Project Location: EME Sampling Date: 12/19/02 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: AH Analyzed By: BC/AH

		GRO	DRO	
		(C ₆ -C ₁₀)	(>C ₁₀ -C ₂₈)	Cl*
LAB NUMBER	R SAMPLE ID	(mg/Kg)	(mg/Kg)	(mg/Kg)
ANALYSIS D	ATE	12/23/02	12/23/02	12/23/02
H7340-1	0-24 REMEDIATED	<10.0	65.3	368
H7340-2	A-26 10' W @ 6'	391	3050	1248
				· · · · · · · · · · · · · · · · · · ·
Quality Contro	ol .	759	825	1000
True Value Q	C	800	800	1000
% Recovery		94.9	103	100
Relative Perc	ent Difference	3.1	1.3	3.0

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

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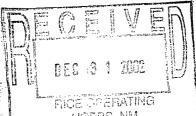
ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: KRISTIN FARRIS 122 W. TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 12/20/02 Reporting Date: 12/26/02 Project Number: NOT GIVEN Project Name: NOT GIVEN Project Location: EME Sampling Date: 12/19/02 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: AH Analyzed By: BC

LAB NUMBI	ER SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS	DATE	12/23/02	12/23/02	12/23/02	12/23/02
H7340-1	0-24 REMEDIATED	<0.005	<0.005	<0.005	<0.015
H7340-2	A-26 10' W @ 6'	<0.005	<0.005	<0.005	<0.015
Quality Con	trol	0.108	0.100	0.104	0.306
True Value	QC	0.100	0.100	0.100	0.300
% Recovery	1	108	100	104	102.0
Relative Per	rcent Difference	6.1	1.9	5.5	5.7

METHOD: EPA SW-846 8260

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		n: EME Phone #:	Project Owner: City: State: Phone #:	n: EME Project Owner: State: Project Owner: State:	$\frac{State: N/l/ Lip: XI dy0}{State: State: N/l/ Lip: XI dy0} Alth:$ $\frac{S9393-9/74}{Project Owner:} City:$ $\frac{State:}{Project Owner}$ Phone #:	$S = \frac{1}{10} + \frac{1}{$	3. W. Taylor Generality State: MM Tip: 73240 Company: S State: MM Tip: 7240 Attn: S $393-9/74$ Fax #: $(505).797-1471$ Address: S 774 Fax #: $(505).797-1471$ Address: S 774 Fax #: $(505).797-1471$ City: S State: Project Owner: State: Phone #:	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$