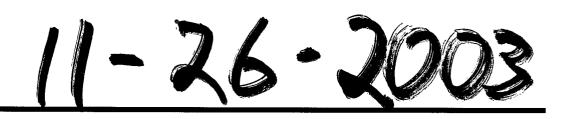
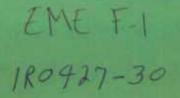


REPORTS

DATE:





FINAL

REPORT

RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

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					BOX LOC	ATION				
	SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY		IMENSIONS - FE	·····
	EME	F-1	F	1	215	35E	Lea	Length	Width	Depth
				<u> </u>				[m	oved 80 ft north	
	LAND TYPE: E	BLM	STATE	XFEE LA	NDOWNER	<u></u>	· · ·			
	Depth to Grour	ndwater	133	feet	NMOCD	SITE ASSI	ESSMENT	RANKING S	CORE:	0
	Date Started	10/18	/2003	Date Co	mpleted	11/24/2003		Nitness	No	
	Soil Excavated	33	cubic ya	irds Exc	cavation Le	ngth <u>10</u>	Width	10	Depth	9feet
	Soil Disposed	0	cubic ya	irds Of	fsite Facility	<u> </u>	la	Location	n/a	1
FINAL ANALYTICAL RESULTS: Sample Date <u>11/19/2003</u> Sample Depth <u>9 ft bgs</u>								ft bgs		
	Procure 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.									
	Sample	PID	G	RO	DRO	Chloride				
	Location	ppm		g/kg	mg/kg	mg/kg				
	SIDEWALLS	0.0		0.0	<10.0	640				
┝╌	BOTTOM REMEDIATED	0.0		0.0	<10.0 <10.0	624 688				
	neral Descriptio						J	CHLOR	DE FIELD T	ESTS
	production battery							OCATION	DEPTH (ft)	PPM
was delineated vertically and laterally with a backhoe and soil was tested regularly for chloride vertical @ jct.						5	754			
and hydrocarbon impact. Chloride concentrations exhibited vertical and lateral 6 8						858				
dec	lines (see graphs).	All PID readi	ngs were 0.0	at this site and	d lab results co	nfirmed that T	PH		7	828
imp	act is nonexistent.	The excavate	d soil from th	e 10 x 10 x 9-	ft-deep hole wa	as blended at i	the		8	754
loc	ation and then bac	kfilled. The di	sturbed surface	ce is expected	I to naturally re	-vegetate. Th	e		9	655
nev	v water-tight junctio	n box has bee	n built 80 ft n	orth of this loc	ation.				10	604
					······			, 	11	446
						······		· · · · · · · · · · · · · · · · · · ·	12	377
							bo	ottom comp.	9	504
							4	-wall comp.	n/a	625
enc	losures: chloride g	raphs, photos,	lab results, d	liagram, PID r	eadings		re	med. comp.	n/a	575
			landağı salışışı dereşi ş				<u></u>	<u></u>		

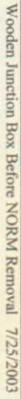
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE	11/26/2003	PRINTED NAME	Kristin Farris	
SIGNATURE	Knistin Annia	TITLE	Project Scientist	

EME jet. F-1







10 x 10 x 9 ft Excavation 11/19/2003



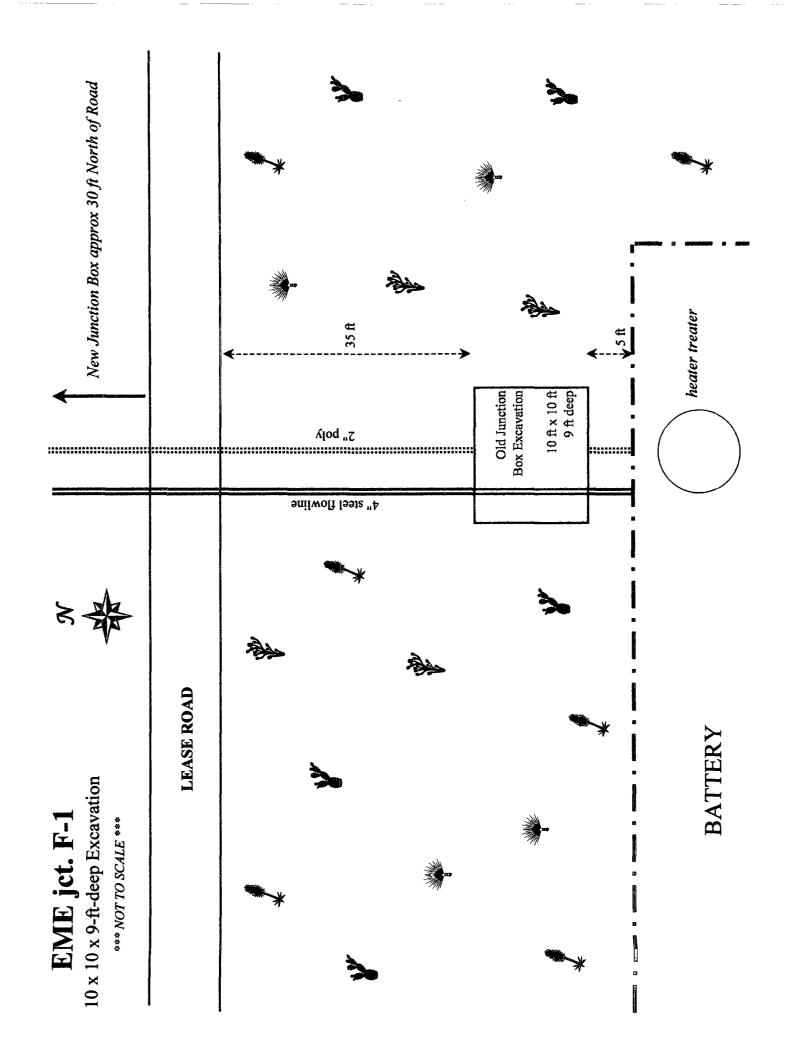
EME jct. F-1



New Junction Box Construction 80 ft North



Backfilled Excavation in Foreground New Junction Box 80 ft North in Background



CHLORIDE CONCENTRATION CURVE

RICE Operating Company

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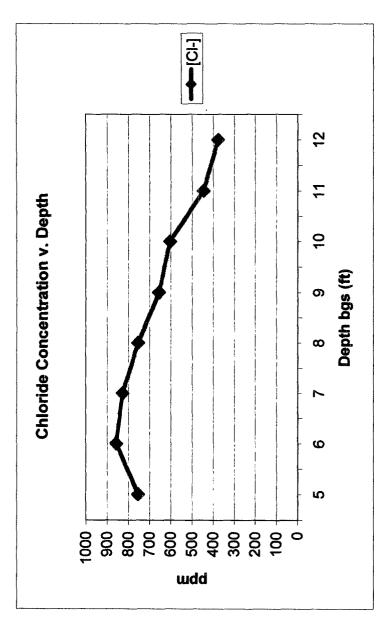
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EME jct. F-1 T218, R35E

Vertical Delineation at Source

[CI] ppm	754	858	828	754	655	604	446	377
Depth bgs (ft)	5	9	7	8	6	10	11	12

Groundwater = 133 ft ·



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CHLORIDE CONCENTRATION CURVE

1

RICE Operating Company

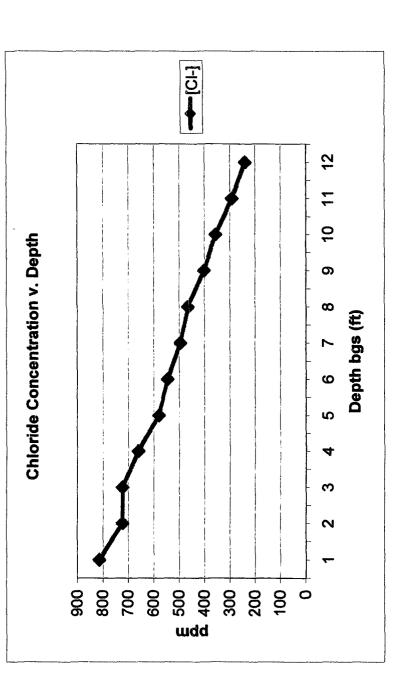
EME jct. F-1 T218, R35E

10 ft North of Junction

[CI] ppm	815	723	723	661	580	546	495	465	402	356	292	239
Depth bgs (ft)	1	2	3	4	5	9	7	8	6	10	11	12



1





PHONE (325) 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: 11/21/03 Reporting Date: 11/24/03 Project Number: NOT GIVEN Project Name: EME F-1 Project Location: LEA CO., NM

\$ 112 1.3

Sampling Date: 11/19/03 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: BC 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 DA	TE	11/21/03	11/21/03	11/21/03
H8195-1	BOTTOM 9'	<10.0	<10.0	624
H8195-2	REMEDIATED BACKFILL	<10.0	<10.0	688
H8195-3	4 WALL COMP.	<10.0	<10.0	640
Quality Contro		777	837	1000
True Value QC	<u>}.</u>	800	800	1000
% Recovery		97.2	105	100
Relative Perce	nt Difference	7.3	6.1	2.0

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

H8195 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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ENVIRONMENTAL TECHNOLOGY GROUP, INC.

2540 WEST MARLAND

HOBBS, NEW MEXICO 88240 PHONE: (505) 397-4882 FAX: (505) 397-4701

VOC FIELD TEST REPORT FORM

MINI RAE PLUS CLASSIC PHOTOIONIZATION GAS DETECTOR

MODEL NO: PGM 761S CALIBRATION GAS GAS COMPOSITION: ISOBUTYLENE AIR SERIAL NO: 103999

100 PPM BALANCE FILL DATE: 11-19-0 J ACCURACY: 120pp 7 2%

LOT NO: Crast EXP. DATE: 1/10 1 METER READING ACCURACY: /co./

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
Emi	F-1	Ţ	1	21	-25

SAMPLE	PID RESULT	SAMPLE	PID RESULT
Laterail 1		Composite	
5 North		10 110 19	
91	0.0	Remedited	
5- SOUTH		but fin	ö. 0
<i>5</i> 7'	0.0		
5' west		bottom ?	0.0
91	0.0		
5' East		4 Wall	0.0
<i>5</i> '	0.0		
	62-62	North wall	6. S
		South walk	0.0
	•	west with	0.0
		Gerry March	0.0

I certify that I have calibrated the above instrument in accordance to the manufacture operation manual.

ture Title Signature

-1-19-03 Data Date