

REPORTS

DATE:

8-13-0 Ц

EME JCF GI-19

IR0427-149

FINAL

REPORT

RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

					BOX LOCA	TION					
	SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX D	IMENSION	S - FEET	
	CMC.	C 10	6	40	20S	075		Length	Width	Depth	7
	EME	G-19	G	19	205	37E	Lea	no	boxelimin	ated	
	LAND TYPE: B	LMST/	ATE X	FEE LAND	OWNER			OTHER		······	
	Depth to Groun	dwater	35	feet	NMOCD	SITE ASSE	SSMENT I	RANKING S		20	
	Date Started	8/6/20	04	Date Cor	mpleted	8/9/2004		Witness		No	
	Soil Excavated	27	cubic yai	rds Exc	avation Le	ngth <u>30</u>	Width	6	Depth	4	feet
	Soil Disposed	0	cubic ya	rds Off	isite Facility	n/;	9	Location		n/a	
F	INAL ANALY	TICAL RE	SULTS:	Sampl	e Date	8/6/200)4	Sample De	oth	12 ft	

TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

Sample	<u>Benzene</u>	<u>Toluene</u>	Ethyl Benzene	Total Xylenes	<u>GRO</u>	<u>DRO</u>	<u>Chloride</u>
Location	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
12 ft GRAB	<0.005	<0.005	<0.005	<0.015	<10.0	<10.0	96

General Description of Remedial Action: This junction was eliminated and

CHLORIDE FIELD TESTS

survey. Environmental excavation and delineation was conducted using a backhoe as chloride	LOCATION		ppm
field tests and PID screenings were performed at regular intervals. Two trenches (one at	Vertical	7	539
the junction and another 10 ft east) were made and samples collected yielded very low chloride	at jct.	8	716
concentrations similar to background levels. PID levels were minimal and laboratory tests		9	284
confirmed BTEX and TPH concentrations that were non-detect, meeting NMOCD's guidelines.		10	200
The trenches were then backfilled and leveled to the surrounding terrain. The disturbed		11	88
surface area will be seeded with a blend of native vegetation and will be monitored for		12	116
growth.	10 ft East	4	114
		6	144
		8	85
		10	147
enclosures: chloride graph, photos, lab results		12	86

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

	Joe Gatts SIGNATURE	Jor Satt	COMPANY RICE Operating Compa	ny
REPORT ASSEMBLED BY	Kristin Farris Pope	SIGNATURE	Knistin Samis Pope	·
DATE	8/13/2004	TITLE	Project Scientist	;

EME jet. G-19

unit 'G', Sec. 19, T20S, R37E



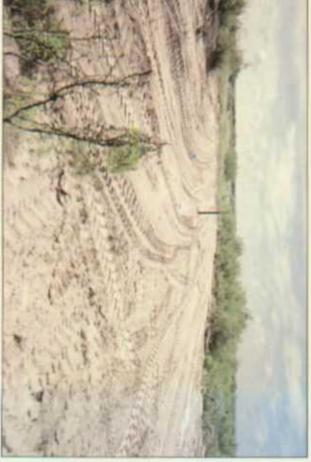
undisturbed junction box 1/12/2004





slip-lined with poly pipeline; junction eliminated

2/28/2004



8/9/2004

delineation & excavation

completed site (looking south) 8/9/2004

CHLORIDE CONCENTRATION CURVE

I.

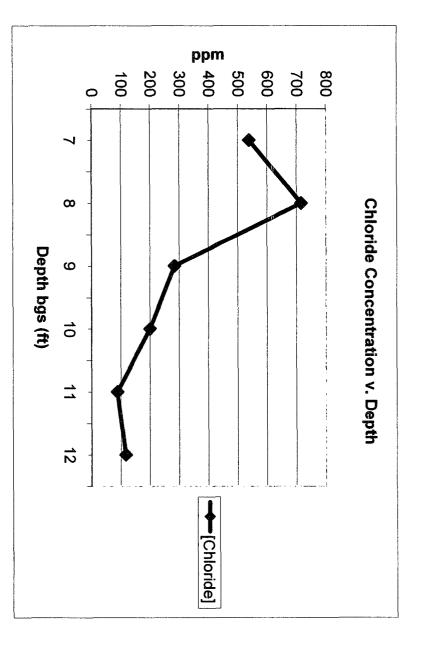
RICE Operating Company

EME jct. G-19 T20S, R37E

Vertical Delineation at Source

12	11	10	9	8	7	Depth bgs (ft)
116	88	200	284	716	539	[Cl ⁻] ppm

Groundwater = 35 ft





PHONE (325) 673-7001 · 2111 BEECHWOOD · ABILENE, TX 79803

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

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

Receiving Date: 08/10/04 Reporting Date: 08/12/04 Project Number: NOT GIVEN Project Name: G-19 EME Project Location: EME

Sampling Date: 08/06/04 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: BC Analyzed By: BC

LAB NUMBER SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE	08/11/04	08/11/04	00/44/04	
H8996-1 SOURCE @ 12' BGS			08/11/04	08/11/04
	<0.005	<0.005	< 0.005	<0.015
				1
	<u> </u>			
Quality Control	0.000			
True Value QC	0.098	0.097	0.090	0.281
% Recovery	0.100	0.100	0.100	0.300
	97.6	96.5	89.8	
Relative Percent Difference	0.3	2.9		93.8
		2.2	3.0	2.1

METHOD: EPA SW-846 8260

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	GRO	DRO	
• •	(C ₆ -C ₁₀)	(>C ₁₀ -C ₂₈)	Cl*
LAB NUMBER SAMPLE ID	(mg/Kg)	(mg/Kg)	(mg/Kg)

ANALYSIS DATE	08/11/04	08/11/04	08/11/04
H8998-1 SOURCE @ 12' BGS	<10.0	<10.0	96
Quality Control	777		
True Value QC		785	1040
	800	800	1000
% Recovery	97.1	98.2	104
Relative Percent Difference	3.4	2.3	4.0

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

4 Cohe

H8998A.XLS

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arbing, 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 walved unless made in writing and received by Cardinal within thiny (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 masons or otherwise.

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