

1R - 427 - 149

REPORTS

DATE:

8-13-04

EME JCF G-19

1R0427-149

FINAL
REPORT

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
EME	G-19	G	19	20S	37E	Lea	no box-eliminated		

LAND TYPE: BLM _____ STATE X FEE LANDOWNER _____ OTHER _____

Depth to Groundwater 35 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 8/6/2004 Date Completed 8/9/2004 OCD Witness No

Soil Excavated 27 cubic yards Excavation Length 30 Width 6 Depth 4 feet

Soil Disposed 0 cubic yards Offsite Facility n/a Location n/a

FINAL ANALYTICAL RESULTS: Sample Date 8/6/2004 Sample Depth 12 ft

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

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

CHLORIDE FIELD TESTS

General Description of Remedial Action: This junction was eliminated and plumbed straight through with a new pipeline. The box lumber was removed after the NORM survey. Environmental excavation and delineation was conducted using a backhoe as chloride field tests and PID screenings were performed at regular intervals. Two trenches (one at the junction and another 10 ft east) were made and samples collected yielded very low chloride concentrations similar to background levels. PID levels were minimal and laboratory tests confirmed BTEX and TPH concentrations that were non-detect, meeting NMOCD's guidelines. The trenches were then backfilled and leveled to the surrounding terrain. The disturbed surface area will be seeded with a blend of native vegetation and will be monitored for growth.

LOCATION	DEPTH (ft)	ppm
Vertical at jct.	7	539
	8	716
	9	284
	10	200
	11	88
10 ft East	12	116
	4	114
	6	144
	8	85
	10	147
	12	86

enclosures: chloride graph, photos, lab results

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

SITE SUPERVISOR Joe Gatts SIGNATURE *Joe Gatts* COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE *Kristin Farris Pope*
DATE 8/13/2004 TITLE Project Scientist

EME jct. G-19

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



undisturbed junction box 1/12/2004



slip-lined with poly pipeline; junction eliminated 2/28/2004



delineation & excavation

8/9/2004



completed site (looking south)

8/9/2004

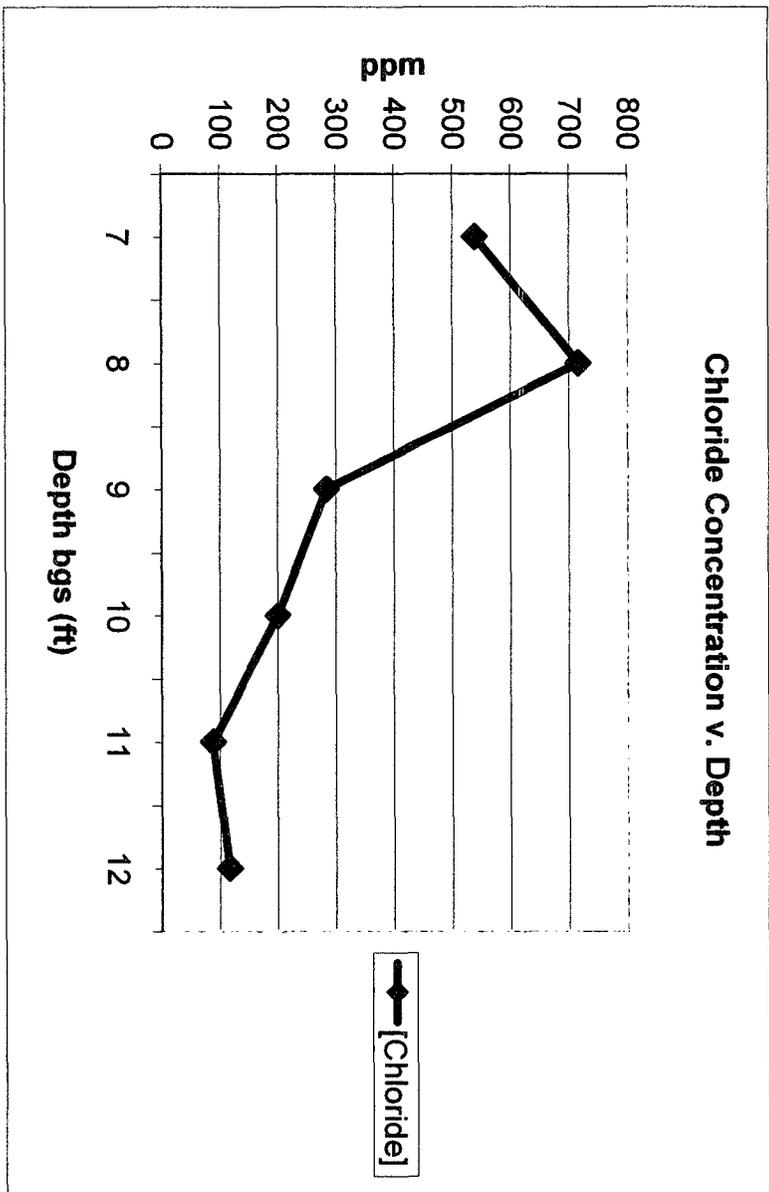
EME jct. G-19

T20S, R37E

Vertical Delineation at Source

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

Groundwater = 35 ft





ARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2928 • 101 E. MARLAND • HOBBS, NM 88240

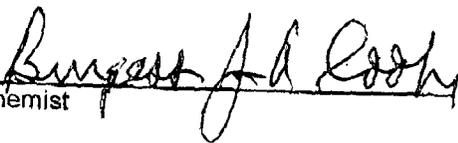
ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: ROY RASCON
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471

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	08/11/04	08/11/04
H8996-1	SOURCE @ 12' BGS	<0.005	<0.005	<0.005	<0.015
	Quality Control	0.098	0.097	0.090	0.281
	True Value QC	0.100	0.100	0.100	0.300
	% Recovery	97.8	96.5	89.8	93.8
	Relative Percent Difference	0.3	2.9	3.0	2.1

METHOD: EPA SW-846 8260


Chemist


Date

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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/AH

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl ⁺ (mg/Kg)
ANALYSIS DATE		08/11/04	08/11/04	08/11/04
H8996-1	SOURCE @ 12' BGS	<10.0	<10.0	96
Quality Control		777	785	1040
True Value QC		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; Cl⁺: Std. Methods 4500-Cl⁺B

*Analyses performed on 1:4 w:v aqueous extracts.


Chemist

8/12/04
Date

H8996A.XLS

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