

1R - 427 - 141

REPORTS

DATE:

7-29-04

EME Amerada WE 'F' ECL

1R0427-141

FINAL REPORT

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
EME	WE 'F' EOL	N	1	21S	35E	Lea	Length	Width	Depth
							moved 40 ft East		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Merchant Livestock Co OTHER _____

Depth to Groundwater 175 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 5/21/2004 Date Completed 5/21/2004 OCD Witness No

Soil Excavated 4 cubic yards Excavation Length 5 Width 4 Depth 6 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 5/21/2004 Sample Depth 6 ft

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 Location	Benzene mg/kg	Toluene mg/kg	Ethyl Benzene mg/kg	Total Xylenes mg/kg	GRO mg/kg	DRO mg/kg	Chloride mg/kg
Bottom Grab	<0.005	<0.005	<0.005	<0.015	<10.0	19.8	496

General Description of Remedial Action: This End-of-Line (EOL) junction box

was located near an active production battery. The box did not exhibit any visible signs of

hydrocarbon or chloride impact. Grab samples were taken using a hand auger. Chloride

concentrations exhibited a significant decline with depth (see graph). Elevated chloride of

4766 ppm was found at the box bottom at 3 ft BGS due to leakage from the pipeline

replumbing, below which concentrations returned to background levels. TPH and BTEX

were well below NMOCD guidelines. The box lumber was removed and the hole backfilled.

This box was replaced with a new watertight junction box 40 ft East of this site during the

pipeline replacement.

enclosures: chloride graph, photos, lab results

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
Vertical at box	3 (bottom of box)	4766
	4	68
	5	124
	6	119

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

SITE SUPERVISOR Roy Rascon SIGNATURE Roy R. Rascon COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

DATE 7/29/2004 TITLE Project Scientist

EME WE 'F' EOL



undisturbed junction box

11/19/2003



New plumbing with pig launcher in foreground, old box in background

5/21/2004

unit 'N', Sec. 1, T21S, R35E



Site of new junction box with new plumbing

7/23/2004



Completed new junction box 40 ft west of old box site

7/26/2004

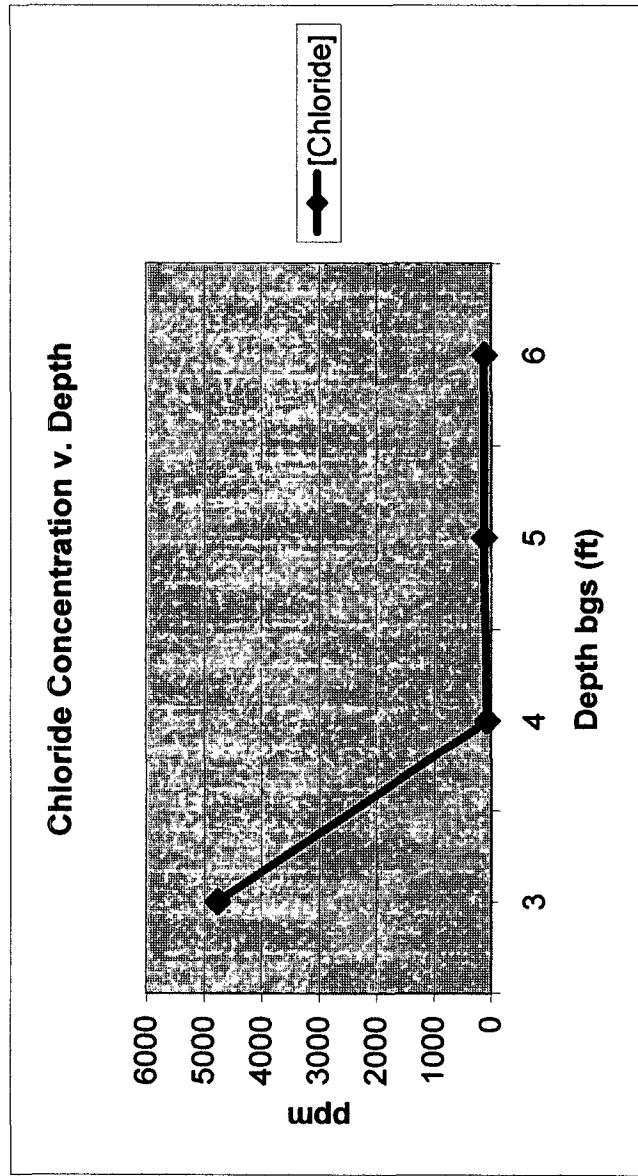
EME WE 'F' EOL

unit 'N', Sec. 1, T21S, R35E

Vertical Delineation at Source

Depth bgs (ft)	[Cl] ppm
3	4766
4	68
5	124
6	119

Groundwater = 175 ft





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: ROY R. RASCON
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471

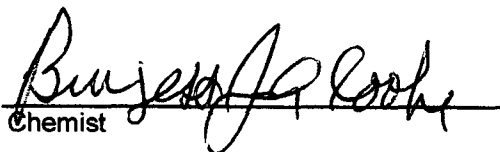
Receiving Date: 06/02/04
Reporting Date: 06/03/04
Project Number: NOT GIVEN
Project Name: EME AMERADA WE "F" EOL
Project Location: NOT GIVEN


Sampling Date: 05/21/04
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
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)
		06/02/04	06/02/04	06/03/04
H8768-1	EME AMERADA WE "F"	<10.0	19.8	496
	EOL @ 6' BTM			
	Quality Control	781	785	950
	True Value QC	800	800	1000
	% Recovery	97.6	98.1	95.0
	Relative Percent Difference	2.3	6.5	6.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-ClB

*Analysis performed on a 1:4 w:v aqueous extract.


Chemist


Date

H8768A.XLS

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Receiving Date: 06/02/04
Reporting Date:
Project Number: NOT GIVEN
Project Name: EME AMERADA WE "F" EOL
Project Location: NOT GIVEN

Sampling Date: 05/21/04
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

LAB NO.	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		06/02/04	06/02/04	06/02/04	06/02/04
H8768-1	EME AMERADA WE "F" EOL @ 6' BTM	<0.005	<0.005	<0.005	<0.015
Quality Control		0.093	0.094	0.089	0.263
True Value QC		0.100	0.100	0.100	0.300
% Recovery		93.2	94.1	88.8	87.6
Relative Percent Difference		1.2	3.4	2.7	2.3

METHOD: EPA SW-846 8260

Chemist

Date

