

1R - 427 - 129

REPORTS

DATE:

9-16-04

EME Sch. G-19

120427-129

FINAL REPORT

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
EME	G-19	G	19	19S	37E	Lea	Length	Width	Depth
							9	6	5

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Jimmie T. Cooper OTHER _____

Depth to Groundwater 58 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 5/8/2002 Date Completed 8/12/2003 OCD Witness No

Soil Excavated 37 cubic yards Excavation Length 12 Width 6 Depth 14 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 8/12/2003 Sample Depth 14 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
Grab @ 14 ft BGS	<0.005	<0.005	<0.005	<0.015	23.1	854	128

General Description of Remedial Action: Delineation and excavation of this

junction box began on 5/8/2002 using a backhoe. Hard rock was encountered just below the

surface. Only a vertical trench was excavated and the samples were field tested for chloride

and TPH. Chloride concentrations exhibited a substantial decline with depth (see graph).

Due to a landowner dispute, excavation was aborted. On 8/12/2004, ROC returned to the

site to collect a sample for lab confirmation. A 14 ft grab sample was collected from the

existing trench. The trench was backfilled as the pipeline junction at the location is still

active. On 6/28/2004, a watertight junction box was completed over the junction.

Remaining TPH will naturally attenuate.

enclosures: chloride graph, photos, lab results

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
Vertical	5	1000
at jct.	9	250
	12	298
	14	128

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 A. Rascon COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

DATE 8/12/2004 TITLE Project Scientist

EME jct. G-19



undisturbed box

3/22/2002



new plumbing prior to excavation

4/30/2002



delineation trench

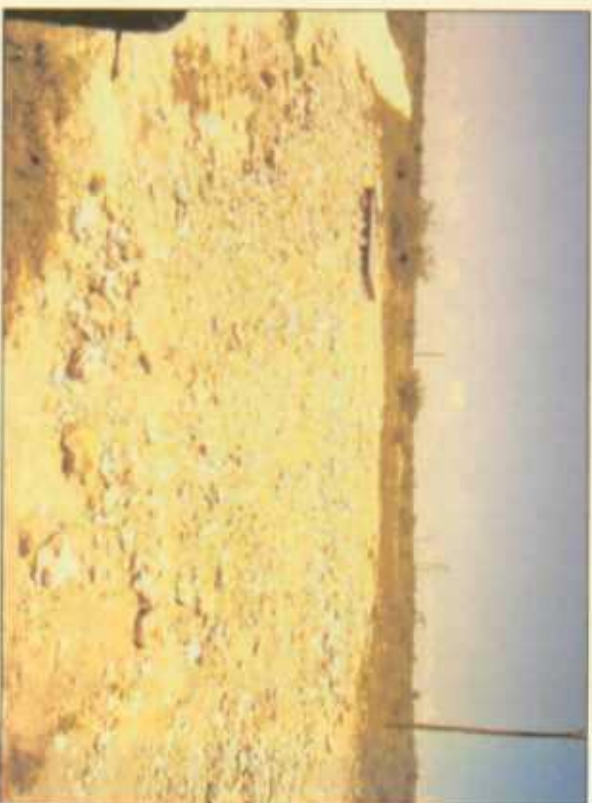
5/8/2002

EME jct. G-19

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backfilled



completed junction box at backfilled site

8/3/2004

CHLORIDE CONCENTRATION CURVE

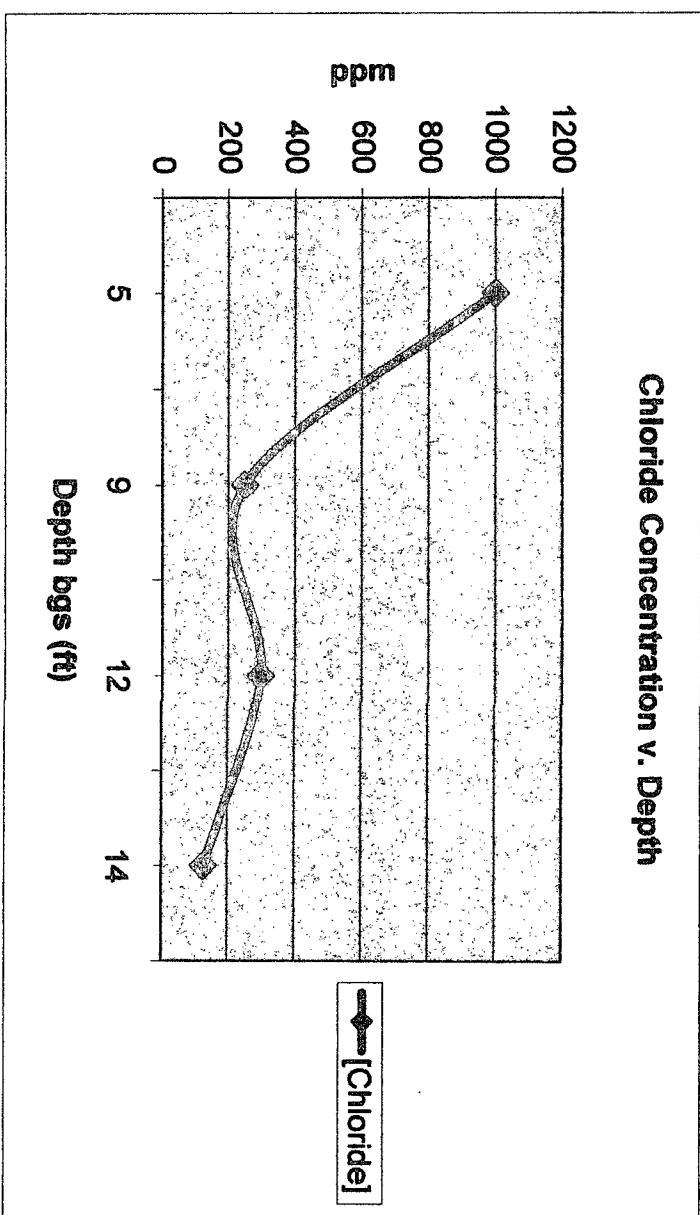
RICE Operating Company

EME jet. G-19

T19S, R37E

Depth bgs (ft)	[Cl] ppm
5	1000
9	250
12	298
14	128

Groundwater = 58 ft





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

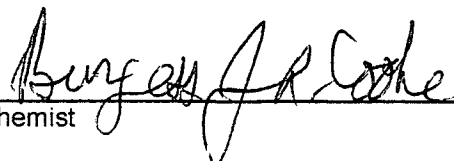
ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: KRISTIN FARRIS
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471

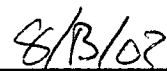
Receiving Date: 08/12/03
Reporting Date: 08/13/03
Project Number: NOT GIVEN
Project Name: G-19
Project Location: EME

Sampling Date: 08/12/03
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC/AH

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		08/12/03	08/12/03	08/12/03	08/12/03
H7909-1	14' VERT.	<0.005	<0.005	<0.005	<0.015
Quality Control		0.105	0.107	0.095	0.263
True Value QC		0.100	0.100	0.100	0.300
% Recovery		105	107	95.3	87.8
Relative Percent Difference		9.6	3.5	1.0	3.1

METHOD: EPA SW-846 8260


Chemist


Date

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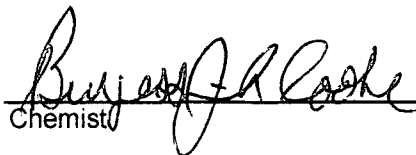
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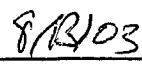
Sampling Date: 08/12/03
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC/AH

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₀) (mg/Kg)	(>C ₁₀ -C ₂₈) (mg/Kg)	(mg/Kg)
ANALYSIS DATE		08/12/03	08/12/03	08/13/03
H7909-1	14' VERT.	23.1	854	128
Quality Control		779	752	1000
True Value QC		800	800	1000
% Recovery		97.3	94.0	100
Relative Percent Difference		0.7	8.1	3.0

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

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


Chemist


Date

H7909A.XLS

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