

1R - 427 - 153

REPORTS

DATE:

9-1-04

EME A-12 Boot

1R0427-153

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	A-12 boot	A	12	20S	36E	Lea	moved 80 ft west		

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

Depth to Groundwater 27 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 6/3/2004 Date Completed 8/13/2004 OCD Witness No

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

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

FINAL ANALYTICAL RESULTS: Sample Date 6/3/2004 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 ppm	Toluene mg/kg	Ethyl Benzene mg/kg	Total Xylenes mg/kg	GRO mg/kg	DRO mg/kg	Chloride mg/kg
4-WALL COMP.	<0.005	<0.005	<0.005	<0.005	<10.0	37.1	64
BOTTOM GRAB @ 6 ft	<0.005	<0.005	<0.005	<0.0015	<10.0	41.4	112

General Description of Remedial Action: This junction box contained a boot and was located inside an active production battery. The junction was re-plumbed and the new boot and box were relocated 80 ft west of the old one, still inside the facility. There was no physical indications of chloride or hydrocarbon impact and chloride field testing was performed using a hand auger to collect samples. Sample concentrations were similar to background chloride levels and TPH lab results yielded concentrations well below NMOCD guidelines. BTEX concentrations were non-detect and met NMOCD guidelines. 6 cubic yards of clean soil was imported to fill the hole caused by NORM decontamination. The backfill was contoured to mimic the surrounding surface at the battery.

enclosures: photos, lab results, chloride graph

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
background	0	64
vertical	0	90
at box	1	97
	2	94
	3	100
	4	55
	5	61
	6	64
4-wall comp.	0-4	91

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 P. Rascon COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

DATE 9/1/2004 TITLE Project Scientist

EME A-12 boot

unit 'A', Sec. 12, T20S, R36E



undisturbed junction box with boot

4/22/2003



box removed after NORM decontamination; new connection
1/8/2004



new connections at new junction site, 80 ft west of old box

1/8/2004

EME A-12 boot



backfilling old junction box site

7/8/2004



backfilled box site with new box and boot in background (looking west)

8/13/2004

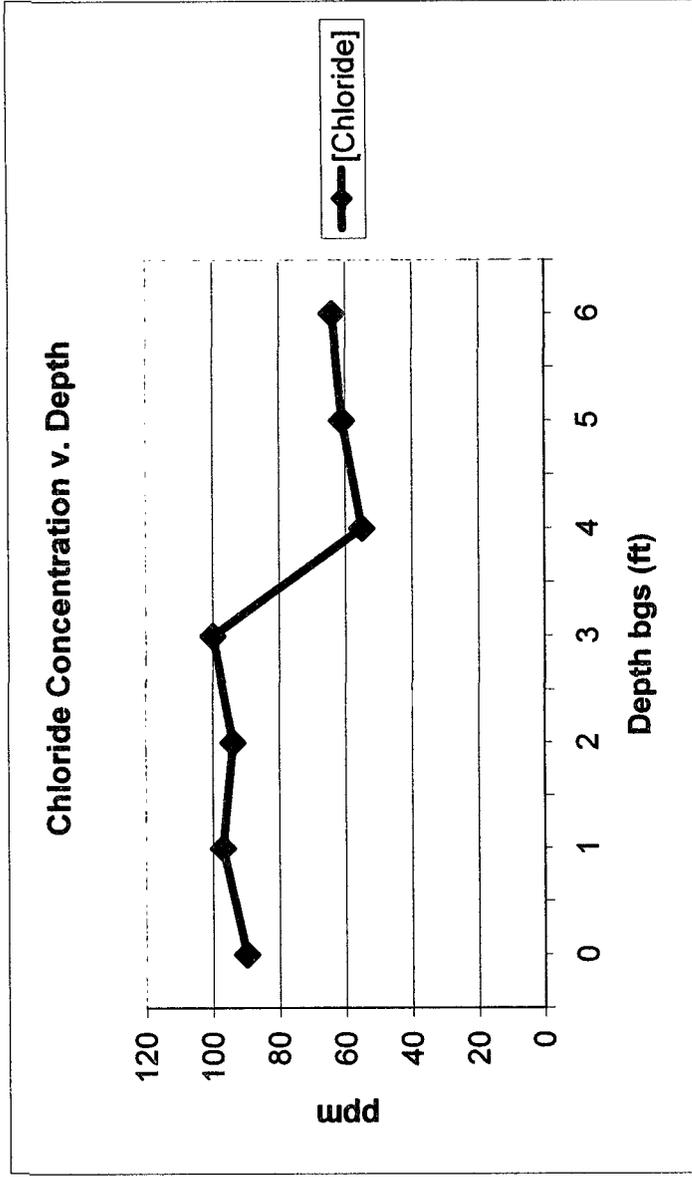
EME A-12 boot

T20S, R36E

Vertical Delineation at Source

Depth bgs (ft)	[Cl] ppm
0	90
1	97
2	94
3	100
4	55
5	61
6	64

Groundwater = 27 ft





PHONE (325) 873-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2328 • 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: 06/03/04
 Reporting Date: 06/05/04
 Project Number: NOT GIVEN
 Project Name: EME A-12 JCT.
 Project Location: A-12 JCT.

Sampling Date: 06/03/04
 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		06/04/04	06/04/04	06/04/04	06/04/04
H8788-1	A-12 6' BGS	<0.005	<0.005	<0.005	<0.0015
Quality Control		0.096	0.098	0.092	0.274
True Value QC		0.100	0.100	0.100	0.300
% Recovery		95.5	97.7	92.3	91.2
Relative Percent Difference		2.7	3.7	3.7	3.9

METHOD: EPA SW-846 8260


 Chemist

6/5/04
 Date

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 122 W. TAYLOR
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 Reporting Date: 06/05/04
 Project Number: NOT GIVEN
 Project Name: EME A-12 JCT.
 Project Location: A-12 JCT.

Sampling Date: 06/03/04
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: BC
 Analyzed By: BC/AH

LAB NO.	SAMPLE ID	GRO (C ₈ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl ⁻ (mg/Kg)
	ANALYSIS DATE	06/04/04	06/04/04	06/04/04
H8788-1	A-12 6' BGS	<10.0	41.4	112
	Quality Control	790	785	950
	True Value QC	800	800	1000
	% Recovery	98.8	98.2	95.0
	Relative Percent Difference	0.9	7.2	6.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl⁻: Std. Methods 4500-Cl⁻B
 *Analysis performed on a 1:4 w:v aqueous extract.

Chemist

6/5/04
 Date

H8788A.XLS

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ARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79803 101 East Marland, Hobbs, NM 88240
(815) 673-7001 Fax (915) 673-7020 (505) 393-2328 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

BILL TO

ANALYSIS REQUEST

Company Name: RICE Donating
Project Manager: Kristin Farris

Address: 188 W. Taylor
City: Hobbs State: NM Zip: 88240

Phone #: (505) 398-9174 Fax #: (505) 397-1471
Project #: _____ Project Owner: _____

Project Name: EME A-12 OCT
Project Location: A-12 OCT

Sampler Name: K. Farris

MATRIX PRESENTY SAMPLING

FOR LAB USE ONLY
Lab I.D. Sample I.D. (G)RAB OR (G)OMP. # CONTAINERS

NR851 A-12 6" BLD 61
GROUNDWATER
WASTEWATER
SOIL
CRUDE OIL
SLUDGE
OTHER:
ACID/BASE:
ICE / COOL
OTHER:
DATE 6/30/04 TIME 3:00

BTEX
 TPH
 Chlorides

PREPARE: Labeling and packaging. Containers must be clearly marked with the sample ID, the name of the sampler, the date and time of collection, and the name of the sampler. Containers must be sealed and labeled with the sample ID, the name of the sampler, the date and time of collection, and the name of the sampler. Containers must be sealed and labeled with the sample ID, the name of the sampler, the date and time of collection, and the name of the sampler.

Terms and Conditions: Payment will be charged on all orders. Payment must be made in full at the time of pickup. Payment must be made in full at the time of pickup. Payment must be made in full at the time of pickup.

Relinquished By: Kristin Farris

Date: 6/30/04 Time: 10:35

Received By: (Lab Staff) Bussard

Delivered By: (Circle One)
 UPS Bus Other

Date: 6/30/04 Time: 10:35

Received By: (Lab Staff) Bussard

CREATED BY: (Initials)

Phone Result: Yes No
Fax Result: Yes No
Add'l Phone #: _____
Add'l Fax #: _____

REMARKS:

* Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.



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Project Location: A-12 JCT.

Sampling Date: 06/03/04
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

LAB NO. SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE	06/04/04	06/04/04	06/04/04	06/04/04
H8789-1 A-12 WALL COMPOSITE	<0.005	<0.005	<0.005	<0.0015
Quality Control				
True Value QC	0.100	0.100	0.100	0.300
% Recovery				
Relative Percent Difference				

METHOD: EPA SW-846 8260

Bryan A. Cole
Chemist

6/5/04
Date

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ANALYSIS DATE		06/04/04	06/04/04	06/04/04
H8789-1	A-12 WALL COMPOSITE	<10.0	37.1	64
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[Signature]
 Chemist

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 Date

H8789A.XLS

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