

1R - 427 - 57

REPORTS

DATE:

12-2-2002

1R0427-37

FINAL REPORT

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
EME	L-15	L	15	20 S	37 E	Lea	Length 9	Width 7	Depth 5

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER T. Stradley OTHER _____

Depth to Groundwater None feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 8/7/2002 Date Completed 8/9/2002 OCD Witness No

Soil Excavated 0 cubic yards Excavation Length 0 Width 0 Depth 0 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 8/9/2002 Sample Depth 3'

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	Chlorides mg/kg
SIDEWALLS	n/a	n/a	n/a	n/a	n/a	n/a	n/a
BOTTOM	<0.005	<0.005	<0.005	<0.015	<10	<10	112
REMEDIATED	n/a	n/a	n/a	n/a	n/a	n/a	n/a

General Description of Remedial Action: Junction box K-15, located 200 yards east of L-15, was bored in 2001. Red-bed clay was encountered, but no groundwater. Field testing of initial L-15 samples revealed that chloride impact is minimal; lab results confirmed this. No excavation was required. Given the fact that no groundwater is found here, one can be confident that the amount of impact left in place will not adversely affect the soil and any TPH remnants will naturally attenuate. A water-tight junction box had been installed and the surrounding surface is already experiencing re-growth of vegetation.

cc: lab results

CHLORIDE FIELD TESTS

LOCATION	DEPTH	ppm
Vertical	1'	127
	2'	85

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

DATE 12-30-02 PRINTED NAME Kristin Farris
SIGNATURE Kristin Farris TITLE Environmental Projects Scientist



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: 08/09/02
Reporting Date: 08/12/02
Project Number: NOT GIVEN
Project Name: BOTTOM COMPOSITE
Project Location: EME L-15

Sampling Date: 08/09/02
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: GP
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		08/10/02	08/10/02	08/12/02
H6948-1	L-15 BOTTOM COMP.	<10.0	<10.0	112
Quality Control		812	788	1030
True Value QC		800	800	1000
% Recovery		102	98.5	103.0
Relative Percent Difference		0.6	4.2	1.2

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

mist

Date _____

RECEIVED
AUG 13 2002
RICE OPERATING
HOBBS, NM

H6. 8A.XLS

PLEASE NOTE: **Liability and Damages.** **Cardinal's** liability and client's exclusive remedy for any claim arising, 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 waived unless made in writing and received by **Cardinal** within thirty (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 reasons or otherwise.



ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

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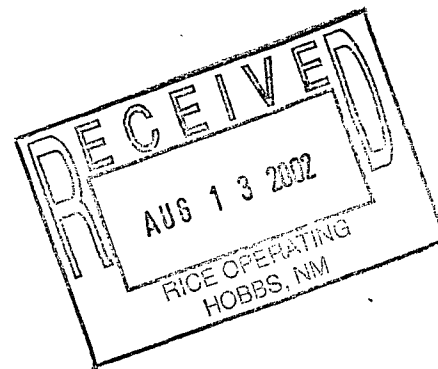
ANALYTICAL RESULTS FOR
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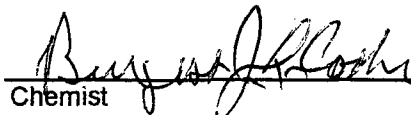
Receiving Date: 08/09/02
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Project Number: NOT GIVEN
Project Name: BOTTOM COMPOSITE
Project Location: EME L-15

Sampling Date: 08/09/02
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		08/10/02	08/10/02	08/10/02	08/10/02
H6948-1	L-15 BOTTOM COMP.	<0.005	<0.005	<0.005	<0.015
Quality Control		0.100	0.092	0.095	0.276
True Value QC		0.100	0.100	0.100	0.300
% Recovery		100	92.3	94.6	92.1
Relative Percent Difference		8.2	8.3	5.7	8.6

METHOD: EPA SW-846 8260




Chemist


Date

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(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

EME L-15 Re-plumbing Excavation



Old Junction Box Location





Ditch with New Plumbing
And Vegetation Growth

Side of Ditch with Vegetation



New Junction Box Construction



Finished Junction Box

