

1R - 427-219

REPORTS

DATE:

4-1-08

EME Jct K-31 Vent

1R 427-219

CLOSURES

4-1-08

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	NEW BOX DIMENSIONS - FEET		
							Length	Width	Depth
EME	K-31 vent	K	31	20S	37E	Lea	no box--junction eliminated		

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

Depth to Groundwater 124 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 5/31/2007 Date Completed 7/13/2007 NMOCD 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 5/31/2007 Sample Depth 3, 4 ft

5-point composite sample of bottom and 4-point composite sample of excavation sidewalls. TPH, BTEX, and chloride laboratory test results completed by using an approved laboratory 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
4-WALL COMP. @ 3 ft	<0.002	<0.002	<0.002	<0.006	<10.0	233	<16
BOTTOM COMP. @ 4 ft	<0.002	<0.002	<0.002	<0.006	<10.0	307	<16

General Description of Remedial Action:

This junction was eliminated with the pipeline replacement/upgrade program. After the box lumber was removed, the site was evaluated using a hand auger to collect soil samples. Field chloride tests revealed chloride concentrations at the site to be similar to background concentration. The soils at and surrounding the site did not exhibit any signs of hydrocarbon impact. Representative samples were collected for laboratory analysis and results confirmed chloride field tests. TPH concentrations were also low, meeting NMOCD guideline concentrations. The 6 x 6 x 4-ft-deep hole was backfilled with clean, imported fill dirt and contoured to the surrounding area. The disturbed surface was seeded with a blend of native vegetation and is expected to return to productive capacity at a normal rate.

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
background	0.5	229
bottom comp.	4	316

enclosures: photos, lab results

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

SITE SUPERVISOR Bruce Baker SIGNATURE Bruce Baker COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope
DATE 9/7/2007 TITLE Project Scientist



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

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

RECEIVED

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

JUN 14 2007

RICE OPERATING
 HOBBS NM

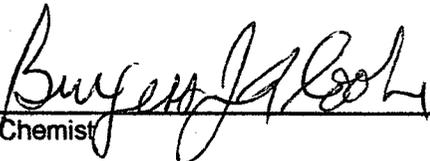
Receiving Date: 06/04/07
 Reporting Date: 06/11/07
 Project Owner: NOT GIVEN
 Project Name: NOT GIVEN
 Project Location: EME VENT K-31

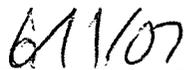
Sampling Date: 05/31/07
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: LB
 Analyzed By: BC/HM

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	CI* (mg/Kg)
ANALYSIS DATE		06/07/07	06/07/07	06/05/07
H12701-1	4 WALL COMP. @ 3'	<10.0	233	<16
H12701-2	BTTM. 5 PT COMP.	<10.0	307	<16
Quality Control		768	764	490
True Value QC		800	800	500
% Recovery		96.0	95.5	98.0
Relative Percent Difference		2.6	2.1	0.0

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

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


 Chemist


 Date

H12701A RICE

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**

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RECEIVED

JUN 14 2007

RICE OPERATING

HOBBS, NM

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

Receiving Date: 06/04/07
Reporting Date: 06/06/07
Project Owner: NOT GIVEN
Project Name: NOT GIVEN
Project Location: EME VENT K-31

Sampling Date: 06/04/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: LB
Analyzed By: LB

LAB NUMBER	SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE		06/04/07	06/04/07	06/04/07	06/04/07
H12701-1	4 WALL COMP. @ 3'	<0.002	<0.002	<0.002	<0.006
H12701-2	BTTM. 5 PT COMP.	<0.002	<0.002	<0.002	<0.006
Quality Control		0.098	0.102	0.102	0.311
True Value QC		0.100	0.100	0.100	0.300
% Recovery		99	102	102	104
Relative Percent Difference		2.8	3.0	3.6	3.7

METHOD: EPA SW-846 8021B

Bryan J. Cooke
Chemist

6/6/07
Date

EMIE K-31 vent



undisturbed junction box

8/25/2004



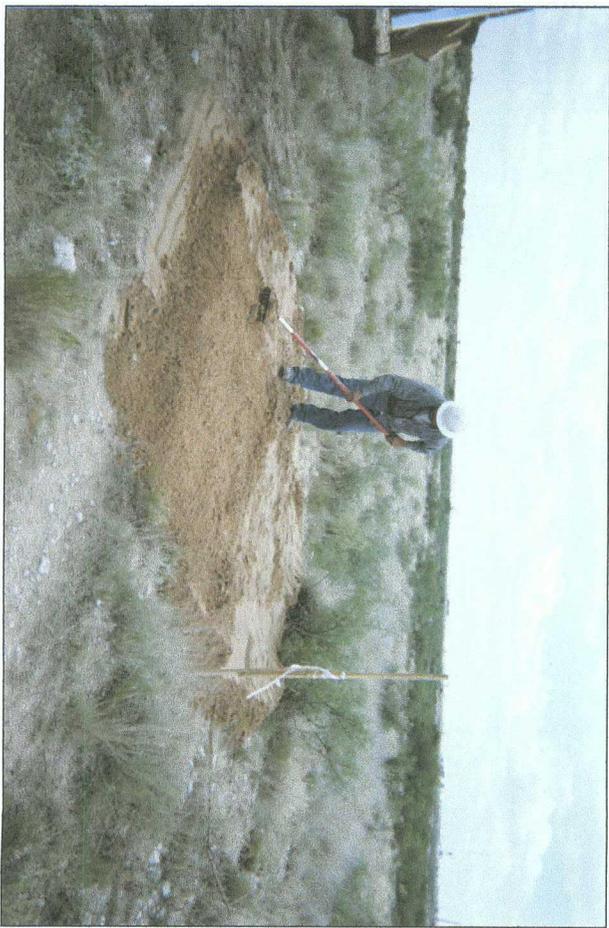
box removed; NORM clear

11/8/2004



former junction box site (flagged stake) prior to backfill

7/13/2007



seeding at site backfilled with clean, imported soil

7/13/2007