

1R - 427 - 144

REPORTS

DATE:

8-9-04

ZME Jct. Q-6-2

1R0 427-144

FINAL REPORT

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
EME	Q-6-2	Q	6	21S	36E	Lea	Length	Width	Depth
							no box-eliminated		

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

Depth to Groundwater >100 or None feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 5/14/2004 Date Completed 6/7/2004 OCD Witness No

Soil Excavated 46 cubic yards Excavation Length 14 Width 22 Depth 4 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 5/14/2004 Sample Depth 4 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 @ 4 ft	<0.005	<0.005	<0.005	<0.005	<10.0	<10.0	16

General Description of Remedial Action: The lumber from this box was removed during the NORM survey and the junction was removed as the new pipeline was plumbed straight through at this location. Upon environmental observation, there was no physical evidence of TPH or chloride impact. Samples were collected using a hand auger and field tested for chloride. All tests indicated low concentrations. Lab results yielded NMOCD TPH and BTEX guidelines were met and very low chloride was confirmed. The hole where the box had been was backfilled with 60 yds of clean, imported soils. On 8/5/2004, the disturbed surface was seeded with a blend of native vegetation.

enclosures: photos, lab results

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
background	0	67
4-wall comp.	0-4	122
vertical at jct.	1	134
	2	142
	3	91
	4	78

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 8/9/2004 TITLE Project Scientist

EME jct. Q-6-2

unit 'Q', sec. 6, T21S, R36E



undisturbed junction box

7/22/2003



junction box removed

5/5/2004



seeding backfilled site

8/5/2004



ARDINAL LABORATORIES

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

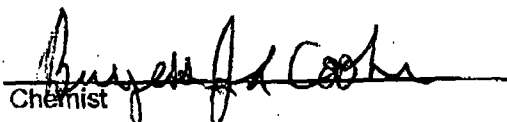
Receiving Date: 05/14/04
Reporting Date: 05/19/04
Project Number: NOT GIVEN
Project Name: Q-6-2
Project Location: Q-6-2

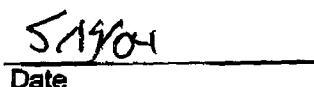
Sampling Date: 05/14/04
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: BC/HM

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₀) (mg/Kg)	(>C ₁₀ -C ₂₈) (mg/Kg)	CI* (mg/Kg)
ANALYSIS DATE		05/14/04	05/14/04	05/17/04
H8703-1	4' @ SOURCE	<10.0	<10.0	16
Quality Control		826	753	1030
True Value QC		800	800	1000
% Recovery		103	94.1	103
Relative Percent Difference		2.5	2.8	2.0

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

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


Chemist


Date

H8703.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.



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

Receiving Date: 05/14/04
Reporting Date: 5/19/04
Project Number: NOT GIVEN
Project Name: Q-6-2
Project Location: Q-6-2

Sampling Date: 05/14/04
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		05/19/04	05/19/04	05/19/04	05/19/04
H8703-1	4' @ SOURCE	<0.005	<0.005	<0.005	<0.005
Quality Control		0.095	0.095	0.091	0.279
True Value QC		0.100	0.100	0.100	0.300
% Recovery		94.7	95.4	91.3	93.1
Relative Percent Difference		0.5	1.6	1.6	3.8

METHOD: EPA SW-846 8260

Burgess for Coote
Chemist

5/19/04
Date

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CHAIN-OF-CUSTODY AND ANALYSIS

Ferris and Coughlin: In a
30 days past due of the 1st
and all costs of collection.

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2478.

BTEX
 as per Reg
 05/17/04
 HSM
 Ray L. LARSON 5-17-04
 @ 12:15