

REPORTS

DATE:

-9.

EME JCt. Q-6-2

IRO 427-144

FINAL

REPORT

RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

				BOX LC	CATION					
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSH	IP RANGE	COUNTY	BOX D	MENSIONS	- FEET	
EME		0		040	005		Length	Width	Depth	
EME	Q-6-2	Q	6	21S	36E	Lea	no	boxelimina	ited	
						SESSMENT	OTHER		0	
Date Started	5/14/2	2004	Date Co	mpleted _	6/7/200	<u>4</u> OCD	Witness	1	No	
Soil Excavated	46	cubic yar	ds Exc	cavation	Length	14 Wid	th	Depth	4	feet
EME LAND TYPE: B Depth to Ground Date Started Soil Excavated Soil Disposed	0	cubic yar	ds Of	fsite Facili	ity	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	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>GRO</u>	<u>DRO</u>	<u>Chloride</u>
Location	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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 RO	y Rascon SIGNATURE	log f. Ko	HUM COMPANY RICE Operating Company
REPORT ASSEMBLED BY	Kristin Farris Pope	SIGNATURE	Knistin James Pope
DATE	8/9/2004	TITLE	Project Scientist

EME jct. Q-6-2



undisturbed junction box

7/22/2003

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



junction box removed



8/5/2004 seeding backfilled site



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

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: 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 (C₀-C₁₀) (mg/Kg)	DRO (>C10-C28) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE	05/14/04	05/14/04	05/17/04
H8703-1 4'@ SOURCE	<10.0	<10.0	16

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-CI'B *Analysis performed on a 1:4 w:v aqueous extract.

H8703.XLS

PLEASE NOTE: Liability and Damages. Cardina'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 waved unless made in writing and received by Cardinsi 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 profile incurred by client, its subsidiarias, affiliates or successore arising out of or related to the performance of services harounder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



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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

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CHAIN-OF-CUSTODY AND ANA

ARDINAL LABORATORIES, INC. 2111 Beechwood, Abliene, TX 79503 101 East Marland, Hobbs, NM 88240

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(915) 673-7001 Fax (915) 67 Company Name: 2/05		(50	9]3	93-	232	6 F	ax	(50	15) (1											
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