

1R - 426-57

REPORTS

DATE:

2/05/2002

IR-426-57

FINAL REPORT

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
BD	H-22	H	22	21S	37E	LEA	Length 12	Width 10	Depth 4

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER CHARLIE BETTIS OTHER _____

Depth to Groundwater 56 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 1/2/2002 Date Completed 1/3/2002 OCD Witness NO

Soil Excavated 45 cubic yards Excavation Length 16 Width 12 Depth 7 feet

Soil Disposed 0 cubic yards Offsite Facility _____ Location _____

FINAL ANALYTICAL RESULTS: Sample Date 1/2/2002 Sample Depth 7'

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	<0.025	0.04	<0.025	<0.025	<10	201	166
BOTTOM	<0.025	0.033	<0.025	<0.025	<10	60	98

General Description of Remedial Action: Delineated vertical and lateral extent.

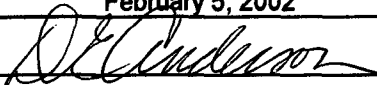
Installed compacted clay barrier to vertical transmissivity and water tight junction box.

Backfilled with blended topsoil to below NMOCD guidelines. Natural attenuation
will remediate the remaining hydrocarbon.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
SIDEWALLS	4'	250
BOTTOM	7'	200

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

DATE February 5, 2002 PRINTED NAME D. E. Anderson
SIGNATURE  TITLE Project Leader - Environmental

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

RE ENVIRONMENTAL
ATTN: DEREK ROBINSON
P.O. BOX 13418
ODESSA, TEXAS 79768-3418
FAX: 366-0804
FAX: 505-397-1471 (Donnie Anderson)

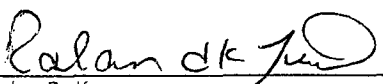
Sample Type: Soil
Sample Condition: Intact/ 25.0 deg C
Project Name: Rice Operating
Project #: Donnie Anderson
Project Location: H-22 Junction

Sampling Date: 01/02/02
Receiving Date: 01/03/02
Analysis Date: 01/03/02

ELT#	FIELD CODE	Chloride mg/kg
0202322-01	Wall Composite	166
0202322-02	Bottom Composite	98.5

QUALITY CONTROL	5140.
TRUE VALUE	5000
% INSTRUMENT ACCURACY	103
SPIKED AMOUNT	625
ORIGINAL SAMPLE	<5.00
BLANK	<5.00
RPD	0.0

METHODS: EPA SW 846-9253



Celey D. Keene
Ralay D. Keene

1-08-02
Date

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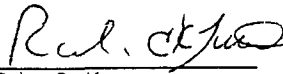
Sample Type: Soil
Sample Condition: Intact/ 25.0 deg C
Project Name: Rice Operating
Project #: Donnie Anderson
Project Location: H-22 Junction

Sampling Date: 01/02/02
Receiving Date: 01/03/02
Analysis Date: 01/03/02

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
0202322-01	Wall Composite	<10	201
0202322-02	Bottom Composite	<10	60

QUALITY CONTROL	466	483
TRUE VALUE	500	500
% INSTRUMENT ACCURACY	93	97
SPIKED AMOUNT	476	476
ORIGINAL SAMPLE	<10	<10
SPIKE	478	524
SPIKE DUP	452	456
% EXTRACTION ACCURACY	100	110
BLANK	<10	<10
RPD	5.59	13.9

Methods: SW 846-8015M


Celey D. Keene
Raland K. Tuttle

1-08-02
Date

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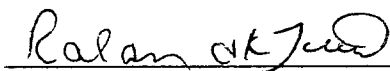
RE ENVIRONMENTAL
ATTN: DEREK ROBINSON
P.O. BOX 134118
ODESSA, TEXAS 79768-3418
FAX: 366-0804
FAX: 505-397-1471 (Donnie Anderson)

Sample Type: Soil
Sample Condition: Intact/ 25.0 deg C
Project Name: Rice Operating
Project #: Donnie Anderson
Project Location: H-22 Junction

Sampling Date: 01/02/02
Receiving Date: 01/03/02
Analysis Date: 01/07/02

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg
0202322-01	Wall Composite	<0.025	0.040	<0.025	<0.025	<0.025
0202322-02	Bottom Composite	<0.025	0.033	<0.025	<0.025	<0.025
QUALITY CONTROL		0.114	0.114	0.109	0.224	0.111
TRUE VALUE		0.100	0.100	0.100	0.200	0.100
% IA		114	114	109	112	111
SPIKED AMOUNT		0.100	0.100	0.100	0.200	0.100
ORIGINAL SAMPLE		<0.025	0.041	<0.025	0.044	<0.025
SPIKE		0.108	0.112	0.107	0.229	0.111
SPIKE DUP		0.104	0.106	0.103	0.222	0.107
%EA		104	104	103	110	107
BLANK		<0.025	<0.025	<0.025	<0.025	<0.025
RPD		3.77	5.50	3.81	3.10	3.67

METHODS: EPA SW 846-8021B ,5030


Celey D. Keene
Randall K. Tuttle

1-08-02
Date

