

1R - 426-111

# REPORTS

DATE:

12/06/2005

# Final Report

**RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT**

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
BD	A-35 (two boxes)	A	35	21S	37E	Lea	not complete on report date		

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER Eva May Tousaint, et. al OTHER \_\_\_\_\_

Depth to Groundwater 45.6 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20\*

Date Started 10/3/2005 Date Completed 11/1/2005 NMOCD Witness no

Soil Excavated 7 cubic yards Excavation Length 8 Width 3 Depth 8 feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date 10/4/2005 Sample Depth 8 ft

5-point composite sample of bottom and 4-point composite sample of excavation sidewalls. TPH and chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

**CHLORIDE FIELD TESTS**

Sample Location	PID ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
vertical trench at junction	0.9	<10.0	<10.0	344

LOCATION	DEPTH (ft)	ppm
vertical at junction	6	68
	7	57
	8	63

**General Description of Remedial Action:** As part of the pipeline replacement program, these junction boxes were re-plumbed with a new poly pipeline. The old junction box materials were removed and a delineation trench was made at the site where soil samples were collected at 6, 7, and 8 ft BGS. Chloride field tests and PID screenings were performed on these samples. Chloride tests indicated very low concentrations and PID levels were also very low. An 8-ft-deep sample was collected for lab analysis and yielded non-detect TPH concentrations (meeting OCD guidelines) and a chloride concentration of 344 ppm. The location is surrounded by healthy native vegetation and there were no physical indications of impact from the junction boxes. The trench was backfilled and a new water-tight junction box was built over the site. Disturbed surfaces resulting from these activities are expected to return to production capacity at a normal rate.

\* An oilfield supply well is located 156 ft northwest of this site. Water level in this well is 45.6 ft.

enclosures: photos, lab results, PID field screenings

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

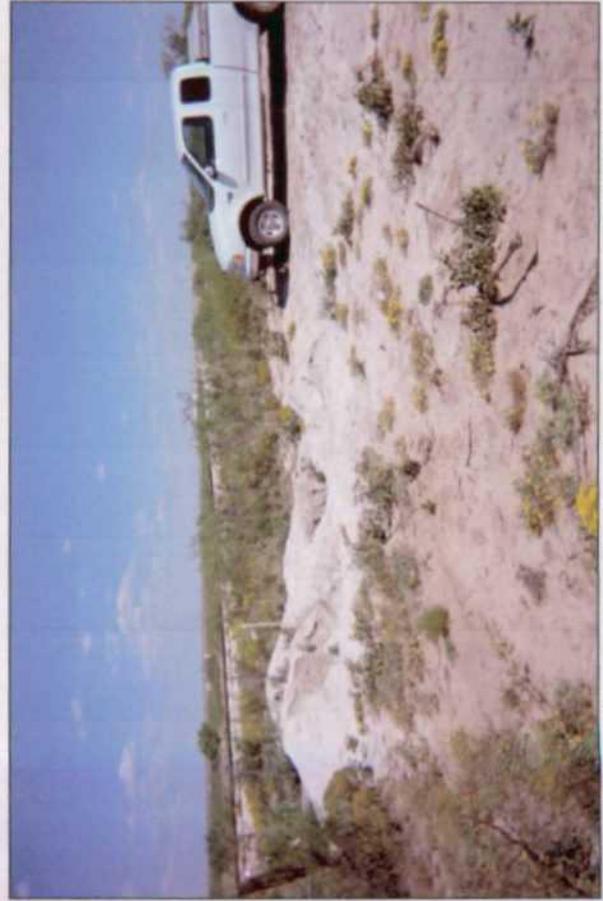
DATE 12/6/2005 TITLE Project Scientist

# BD jct. A-35



undisturbed junction boxes

7/23/2003

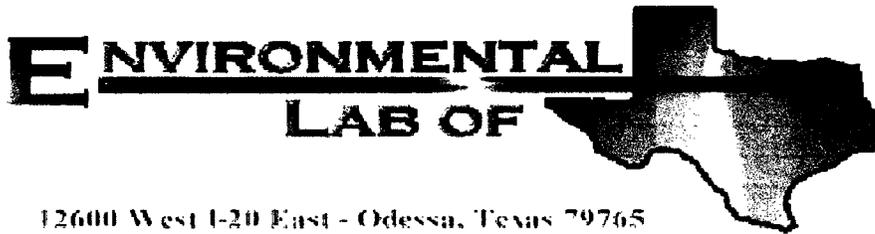


delineation excavation trench

9/28/2005



new plumbing at former junction site



12600 West I-20 East - Odessa, Texas 79765

COPY

## Analytical Report

**Prepared for:**

Roy Rascon  
Rice Operating Co.  
122 W. Taylor  
Hobbs, NM 88240

Project: BD Jct. A-35  
Project Number: None Given  
Location: None Given

Lab Order Number: 5J05002

Report Date: 10/12/05

Rice Operating Co.  
122 W. Taylor  
Hobbs NM, 88240

Project: BD Jct. A-35  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471  
Reported:  
10/12/05 11:58

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Vert.@ 8'	5J05002-01	Soil	10/04/05 09:45	10/05/05 08:00

Rice Operating Co.  
122 W. Taylor  
Hobbs NM, 88240

Project: BD Jct. A-35  
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Project Manager: Roy Rascon

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10/12/05 11:58

**Organics by GC**  
**Environmental Lab of Texas**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Vert.@ 8' (5J05002-01) Soil</b>									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ50501	10/05/05	10/05/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		96.8 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		112 %	70-130		"	"	"	"	

Rice Operating Co.  
122 W. Taylor  
Hobbs NM, 88240

Project: BD Jct. A-35  
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Project Manager: Roy Rascon

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Reported:  
10/12/05 11:58

**General Chemistry Parameters by EPA / Standard Methods**  
**Environmental Lab of Texas**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Vert.@ 8' (5J05002-01) Soil</b>									
Chloride	344	5.00	mg/kg	10	EJ50605	10/05/05	10/06/05	EPA 300.0	
% Moisture	8.2	0.1	%	1	EJ50508	10/05/05	10/05/05	% calculation	

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**Organics by GC - Quality Control**  
**Environmental Lab of Texas**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch EJ50501 - Solvent Extraction (GC)</b>										
<b>Blank (EJ50501-BLK1)</b> <span style="float:right">Prepared &amp; Analyzed: 10/05/05</span>										
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	39.5		mg/kg	50.0		79.0	70-130			
Surrogate: 1-Chlorooctadecane	47.5		"	50.0		95.0	70-130			
<b>LCS (EJ50501-BS1)</b> <span style="float:right">Prepared &amp; Analyzed: 10/05/05</span>										
Gasoline Range Organics C6-C12	404	10.0	mg/kg wet	500		80.8	75-125			
Diesel Range Organics >C12-C35	442	10.0	"	500		88.4	75-125			
Total Hydrocarbon C6-C35	846	10.0	"	1000		84.6	75-125			
Surrogate: 1-Chlorooctane	54.0		mg/kg	50.0		108	70-130			
Surrogate: 1-Chlorooctadecane	53.2		"	50.0		106	70-130			
<b>Calibration Check (EJ50501-CCV1)</b> <span style="float:right">Prepared &amp; Analyzed: 10/05/05</span>										
Gasoline Range Organics C6-C12	525		mg/kg	500		105	80-120			
Diesel Range Organics >C12-C35	564		"	500		113	80-120			
Total Hydrocarbon C6-C35	1090		"	1000		109	80-120			
Surrogate: 1-Chlorooctane	60.9		"	50.0		122	0-200			
Surrogate: 1-Chlorooctadecane	58.6		"	50.0		117	0-200			
<b>Matrix Spike (EJ50501-MS1)</b> <span style="float:right">Source: 5J05002-01 Prepared &amp; Analyzed: 10/05/05</span>										
Gasoline Range Organics C6-C12	446	10.0	mg/kg dry	545	ND	81.8	75-125			
Diesel Range Organics >C12-C35	507	10.0	"	545	ND	93.0	75-125			
Total Hydrocarbon C6-C35	953	10.0	"	1090	ND	87.4	75-125			
Surrogate: 1-Chlorooctane	57.8		mg/kg	50.0		116	70-130			
Surrogate: 1-Chlorooctadecane	57.0		"	50.0		114	70-130			
<b>Matrix Spike Dup (EJ50501-MSD1)</b> <span style="float:right">Source: 5J05002-01 Prepared &amp; Analyzed: 10/05/05</span>										
Gasoline Range Organics C6-C12	461	10.0	mg/kg dry	545	ND	84.6	75-125	3.31	20	
Diesel Range Organics >C12-C35	500	10.0	"	545	ND	91.7	75-125	1.39	20	
Total Hydrocarbon C6-C35	961	10.0	"	1090	ND	88.2	75-125	0.836	20	
Surrogate: 1-Chlorooctane	58.1		mg/kg	50.0		116	70-130			
Surrogate: 1-Chlorooctadecane	56.9		"	50.0		114	70-130			

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 4 of 6

Rice Operating Co.  
122 W. Taylor  
Hobbs NM, 88240

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Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
10/12/05 11:58

**General Chemistry Parameters by EPA / Standard Methods - Quality Control**  
**Environmental Lab of Texas**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch EJ50508 - General Preparation (Prep)</b>										
<b>Blank (EJ50508-BLK1)</b> Prepared & Analyzed: 10/05/05										
% Solids	100		%							
<b>Duplicate (EJ50508-DUP1)</b> Source: SJ05002-01 Prepared & Analyzed: 10/05/05										
% Solids	91.5		%		91.8			0.327	20	
<b>Duplicate (EJ50508-DUP2)</b> Source: SJ05010-07 Prepared & Analyzed: 10/06/05										
% Solids	80.8		%		78.2			3.27	20	
<b>Duplicate (EJ50508-DUP3)</b> Source: SJ05012-08 Prepared & Analyzed: 10/06/05										
% Solids	95.0		%		95.1			0.105	20	
<b>Batch EJ50605 - Water Extraction</b>										
<b>Blank (EJ50605-BLK1)</b> Prepared: 10/05/05 Analyzed: 10/06/05										
Chloride	ND	0.500	mg/kg							
<b>LCS (EJ50605-BS1)</b> Prepared: 10/05/05 Analyzed: 10/06/05										
Chloride	8.93		mg/L	10.0		89.3	80-120			
<b>Calibration Check (EJ50605-CCV1)</b> Prepared: 10/05/05 Analyzed: 10/06/05										
Chloride	9.42		mg/L	10.0		94.2	80-120			
<b>Duplicate (EJ50605-DUP1)</b> Source: SJ03013-01 Prepared: 10/05/05 Analyzed: 10/06/05										
Chloride	301	25.0	mg/kg		315			4.55	20	

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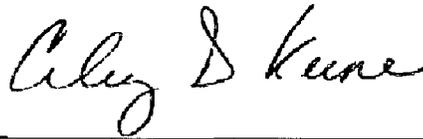
Fax: (505) 397-1471

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10/12/05 11:58

### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference  
LCS Laboratory Control Spike  
MS Matrix Spike  
Dup Duplicate

Report Approved By:



Date:

10/12/2005

Raland K. Tuttle, Lab Manager  
Celey D. Keene, Lab Director, Org. Tech Director  
Peggy Allen, QA Officer

Jeanne Mc Murrey, Inorg. Tech Director  
James L. Hawkins, Chemist/Geologist  
Sandra Sanchez, Lab Tech.

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If you have received this material in error, please notify us immediately at 432-563-1800.



**Environmental Lab of Texas  
Variance / Corrective Action Report – Sample Log-In**

Client: WCO OP.

Date/Time: 10/5/05 8:00

Order #: 5J05002

Initials: CK

**Sample Receipt Checklist**

	Yes	No	
Temperature of container/cooler?			4.0 C
Shipping container/cooler in good condition?	<input checked="" type="checkbox"/>	No	
Custody Seals intact on shipping container/cooler?	<input checked="" type="checkbox"/>	No	Not present
Custody Seals intact on sample bottles?	<input checked="" type="checkbox"/>	No	Not present
Chain of custody present?	<input checked="" type="checkbox"/>	No	
Sample Instructions complete on Chain of Custody?	<input checked="" type="checkbox"/>	No	
Chain of Custody signed when relinquished and received?	<input checked="" type="checkbox"/>	No	
Chain of custody agrees with sample label(s)	<input checked="" type="checkbox"/>	No	
Container labels legible and intact?	<input checked="" type="checkbox"/>	No	
Sample Matrix and properties same as on chain of custody?	<input checked="" type="checkbox"/>	No	
Samples in proper container/bottle?	<input checked="" type="checkbox"/>	No	
Samples properly preserved?	<input checked="" type="checkbox"/>	No	
Sample bottles intact?	<input checked="" type="checkbox"/>	No	
Preservations documented on Chain of Custody?	<input checked="" type="checkbox"/>	No	
Containers documented on Chain of Custody?	<input checked="" type="checkbox"/>	No	
Sufficient sample amount for indicated test?	<input checked="" type="checkbox"/>	No	
All samples received within sufficient hold time?	<input checked="" type="checkbox"/>	No	
VOC samples have zero headspace?	<input checked="" type="checkbox"/>	No	Not Applicable

Other observations:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Variance Documentation:**

Contact Person: - \_\_\_\_\_ Date/Time: \_\_\_\_\_ Contacted by: \_\_\_\_\_

Regarding:

\_\_\_\_\_  
 \_\_\_\_\_

Corrective Action Taken:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Jennifer Johnson**

---

**From:** "Jennifer Johnson" <jjriceswd@valornet.com>  
**To:** "Sheeley, Paul, EMNRD" <paul.sheeley@state.nm.us>  
**Cc:** "Johnson, Larry, EMNRD" <larry.johnson@state.nm.us>; "Price, Wayne, EMNRD" <wayne.price@state.nm.us>; <DJSanchez@state.nm.us>; <kpriceswd@valornet.com>  
**Sent:** Tuesday, October 18, 2005 11:02 AM  
**Subject:** Re: Release @ C-16-20-37 on 10/11/05

Mr. Sheeley,

An initial C-141, driving directions, and a drawing of the spill site (EME C-16) was submitted to the OCD around 3:00pm on Friday 10/14/05. Delineation plans are in progress. If you have any other questions please dont hesitate to call or e-mail me. Of course, you will be notified of all significant events at this location.

Thank You  
Jennifer Johnson  
(505) 631-2532

----- Original Message -----

**From:** Sheeley, Paul, EMNRD  
**To:** jjriceswd@valornet.com  
**Cc:** Johnson, Larry, EMNRD ; Price, Wayne, EMNRD  
**Sent:** Friday, October 14, 2005 2:04 PM  
**Subject:** Release @ C-16-20-37 on 10/11/05

Jennifer,

The release called in must be delineated for Cl-, BTEX and TPH. The ranking score is 20. Groundwater impact is possible. Can you submit a complete C-141?

P.Sheeley

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10/18/2005

