

**1R -** 415

# REPORTS

**DATE:**

2006

---

March 3, 2006

IR-415

# Closure Report



**Abo 1G Pipeline Release  
Section 1, Township 17S, Range 36E  
Lea County, New Mexico**

**R.T. HICKS CONSULTANTS, LTD.**

901 RIO GRANDE BLVD. NW, SUITE F-142, ALBUQUERQUE, NM 87104

# R. T. HICKS CONSULTANTS, LTD.

901 Rio Grande Blvd NW ▲ Suite F-142 ▲ Albuquerque, NM 87104 ▲ 505.266.5004 ▲ Fax: 505.266-0745

March 3, 2006

Wayne Price  
NMOCD Environmental Bureau  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505  
Via E-mail and Federal Express

*NOT FINAL  
CLOSURE*

RE: Closure Report  
Abo 1G Pipeline Release                      NMOCD Case #1R0415  
Section 1, 17S, 36E, Unit G

Dear Wayne:

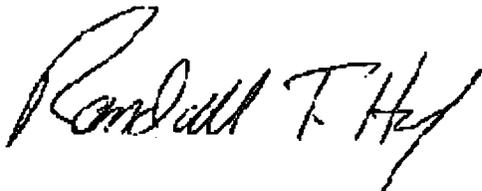
Attached are photographs that document the completion of all construction (soil excavation, exportation and importation of clay). Because electronic files of the final analytical results are quite large, please expect them with the paper copy of this letter, which will be sent on Monday.

Our progress report of January 31, 2006 provided the following post-closure monitoring plant:

We propose plugging and abandonment of the monitoring well and sampling the vadose zone monitoring devices two times per year for three years.

We will submit annual reports to NMOCD. After your approval of this closure report; we will notify NMOCD of the date for plugging the well.

Sincerely,  
R.T. Hicks Consultants, Ltd.



Randall Hicks  
Principal

Copy: Rice Operating Company

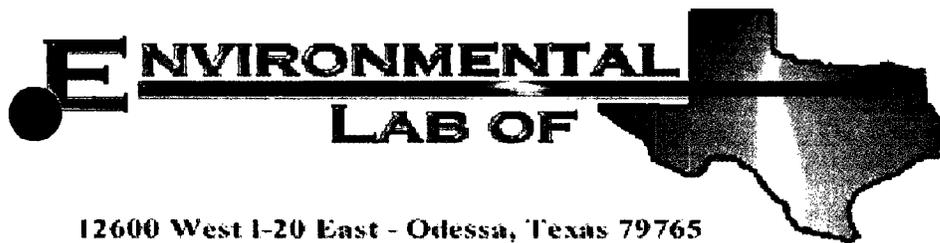
Construction photographs showing clay placement excavation



March 3, 2006  
Page 3

Photographs showing final cover





12600 West I-20 East - Odessa, Texas 79765

## Analytical Report

**Prepared for:**

Roy Rascon

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: ABO-Apache LA Leak Site

Project Number: Remediation Project

Location: None Given

Lab Order Number: 6B15003

Report Date: 02/21/06

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

Project: ABO-Apache LA Leak Site  
Project Number: Remediation Project  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
02/21/06 16:35

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Blended Backfill	6B15003-01	Soil	02/11/06 14:12	02/15/06 08:00
Sample P+A N Wall	6B15003-02	Soil	02/09/06 13:00	02/15/06 08:00
Sample P+A @ 5' Bottom Comp.	6B15003-03	Soil	02/09/06 13:05	02/15/06 08:00
Sample P+A S Wall	6B15003-04	Soil	02/09/06 13:10	02/15/06 08:00
Grid Z 2 Wall	6B15003-05	Soil	02/09/06 13:15	02/15/06 08:00
Grid Z N Wall	6B15003-06	Soil	02/09/06 13:20	02/15/06 08:00
Grid Z Bottom Comp. @ 5'	6B15003-07	Soil	02/09/06 13:25	02/15/06 08:00
Grid 3 N Wall	6B15003-08	Soil	02/09/06 13:20	02/15/06 08:00
Grid 3 BOH@ 5'	6B15003-09	Soil	02/09/06 13:40	02/15/06 08:00
Grid 3 2 Wall	6B15003-10	Soil	02/09/06 13:35	02/15/06 08:00

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

Project: ABO-Apache LA Leak Site  
Project Number: Remediation Project  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
02/21/06 16:35

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Blended Backfill (6B15003-01) Soil</b>									
Chloride	236	10.0	mg/kg	20	EB61613	02/16/06	02/17/06	EPA 300.0	
<b>Sample P+A N Wall (6B15003-02) Soil</b>									
Chloride	626	10.0	mg/kg	20	EB61613	02/16/06	02/17/06	EPA 300.0	
<b>Sample P+A @ 5' Bottom Comp. (6B15003-03) Soil</b>									
Chloride	1060	25.0	mg/kg	50	EB61613	02/16/06	02/17/06	EPA 300.0	
<b>Sample P+A S Wall (6B15003-04) Soil</b>									
Chloride	1150	25.0	mg/kg	50	EB61618	02/16/06	02/20/06	EPA 300.0	
<b>Grid Z 2 Wall (6B15003-05) Soil</b>									
Chloride	1370	25.0	mg/kg	50	EB61618	02/16/06	02/20/06	EPA 300.0	
<b>Grid Z N Wall (6B15003-06) Soil</b>									
Chloride	737	10.0	mg/kg	20	EB61618	02/16/06	02/20/06	EPA 300.0	
<b>Grid Z Bottom Comp. @ 5' (6B15003-07) Soil</b>									
Chloride	1110	20.0	mg/kg	40	EB61618	02/16/06	02/20/06	EPA 300.0	
<b>Grid 3 N Wall (6B15003-08) Soil</b>									
Chloride	879	20.0	mg/kg	40	EB61618	02/16/06	02/20/06	EPA 300.0	
<b>Grid 3 BOH@ 5' (6B15003-09) Soil</b>									
Chloride	1250	25.0	mg/kg	50	EB61618	02/16/06	02/20/06	EPA 300.0	
<b>Grid 3 2 Wall (6B15003-10) Soil</b>									
Chloride	1040	20.0	mg/kg	40	EB61618	02/16/06	02/20/06	EPA 300.0	

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 2 of 4

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

Project: ABO-Apache LA Leak Site  
Project Number: Remediation Project  
Project Manager: Roy Rascon

Fax: (505) 397-1471  
**Reported:**  
02/21/06 16:35

**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 EB61613 - Water Extraction</b>										
<b>Blank (EB61613-BLK1)</b> Prepared: 02/16/06 Analyzed: 02/17/06										
Chloride	ND	0.500	mg/kg							
<b>LCS (EB61613-BS1)</b> Prepared: 02/16/06 Analyzed: 02/17/06										
Chloride	8.87	0.500	mg/kg	10.0		88.7	80-120			
<b>Calibration Check (EB61613-CCV1)</b> Prepared: 02/16/06 Analyzed: 02/17/06										
Chloride	9.01		mg/L	10.0		90.1	80-120			
<b>Duplicate (EB61613-DUP1)</b> Source: 6B14010-05 Prepared: 02/16/06 Analyzed: 02/17/06										
Chloride	38.5	5.00	mg/kg		38.6			0.259	20	
<b>Batch EB61618 - Water Extraction</b>										
<b>Blank (EB61618-BLK1)</b> Prepared: 02/16/06 Analyzed: 02/20/06										
Chloride	ND	0.500	mg/kg							
<b>LCS (EB61618-BS1)</b> Prepared: 02/16/06 Analyzed: 02/20/06										
Chloride	9.13	0.500	mg/kg	10.0		91.3	80-120			
<b>Calibration Check (EB61618-CCV1)</b> Prepared: 02/16/06 Analyzed: 02/20/06										
Chloride	9.96		mg/L	10.0		99.6	80-120			
<b>Duplicate (EB61618-DUP1)</b> Source: 6B15003-05 Prepared: 02/16/06 Analyzed: 02/20/06										
Chloride	1360	25.0	mg/kg		1370			0.733	20	

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

Project: ABO-Apache LA Leak Site  
Project Number: Remediation Project  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
02/21/06 16:35

### 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:

*Raland K Tuttle*

Date:

2/21/2006

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

Jeanne Mc Murrey, Inorg. Tech Director  
LaTasha Cornish, Chemist  
Sandra Sanchez, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

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

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 4



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

Client: live Op.  
 Date/Time: 2/15/06 8:00  
 Order #: WB15003  
 Initials: CK

**Sample Receipt Checklist**

Temperature of container/cooler?	Yes	No	2.0	C
Shipping container/cooler in good condition?	<del>Yes</del>	No		
Custody Seals intact on shipping container/cooler?	<del>Yes</del>	No	Not present	
Custody Seals intact on sample bottles?	<del>Yes</del>	No	Not present	
Chain of custody present?	<del>Yes</del>	No		
Sample Instructions complete on Chain of Custody?	<del>Yes</del>	No		
Chain of Custody signed when relinquished and received?	<del>Yes</del>	No		
Chain of custody agrees with sample label(s)	<del>Yes</del>	No		
Container labels legible and intact?	<del>Yes</del>	No		
Sample Matrix and properties same as on chain of custody?	<del>Yes</del>	No		
Samples in proper container/bottle?	<del>Yes</del>	No		
Samples properly preserved?	<del>Yes</del>	No		
Sample bottles intact?	<del>Yes</del>	No		
Preservations documented on Chain of Custody?	<del>Yes</del>	No		
Containers documented on Chain of Custody?	<del>Yes</del>	No		
Sufficient sample amount for indicated test?	<del>Yes</del>	No		
All samples received within sufficient hold time?	<del>Yes</del>	No		
VOC samples have zero headspace?	<del>CK Yes</del>	No	<del>Not Applicable</del>	

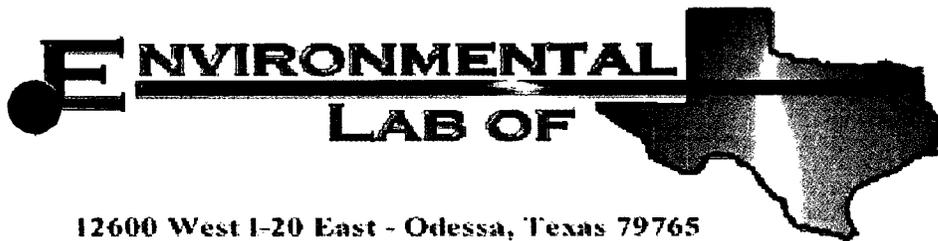
Other observations:

**Variance Documentation:**

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

Corrective Action Taken:

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



12600 West I-20 East - Odessa, Texas 79765

## Analytical Report

**Prepared for:**

Roy Rascon

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: ABO- Apache Leak

Project Number: None Given

Location: None Given

Lab Order Number: 6B07002

Report Date: 02/13/06

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

Project: ABO- Apache Leak  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471  
**Reported:**  
02/13/06 10:36

**ANALYTICAL REPORT FOR SAMPLES**

<b>Sample ID</b>	<b>Laboratory ID</b>	<b>Matrix</b>	<b>Date Sampled</b>	<b>Date Received</b>
Grid 6 E. Wall @ 5'	6B07002-01	Soil	02/03/06 10:45	02/07/06 08:00
Grid 6 Bottom Comp. @ 5'	6B07002-02	Soil	02/03/06 10:50	02/07/06 08:00
Grid 6 W. Wall @ 5'	6B07002-03	Soil	02/03/06 10:55	02/07/06 08:00

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

Project: ABO- Apache Leak  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471  
**Reported:**  
02/13/06 10:36

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Grid 6 E. Wall @ 5' (6B07002-01) Soil</b>									
Chloride	209	10.0	mg/kg	20	EB61002	02/09/06	02/10/06	EPA 300.0	
<b>Grid 6 Bottom Comp. @ 5' (6B07002-02) Soil</b>									
Chloride	1140	20.0	mg/kg	40	EB61002	02/09/06	02/10/06	EPA 300.0	
<b>Grid 6 W. Wall @ 5' (6B07002-03) Soil</b>									
Chloride	465	10.0	mg/kg	20	EB61002	02/09/06	02/10/06	EPA 300.0	

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

Project: ABO- Apache Leak  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
02/13/06 10:36

**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 EB61002 - Water Extraction</b>										
<b>Blank (EB61002-BLK1)</b> Prepared: 02/09/06 Analyzed: 02/10/06										
Chloride	ND	0.500	mg/kg							
<b>LCS (EB61002-BS1)</b> Prepared: 02/09/06 Analyzed: 02/10/06										
Chloride	8.93		mg/L	10.0		89.3	80-120			
<b>Calibration Check (EB61002-CCV1)</b> Prepared: 02/09/06 Analyzed: 02/10/06										
Chloride	9.37		mg/L	10.0		93.7	80-120			
<b>Duplicate (EB61002-DUP1)</b> Source: 6B06018-33 Prepared: 02/09/06 Analyzed: 02/10/06										
Chloride	12.2	5.00	mg/kg		12.2			0.00	20	

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

Project: ABO- Apache Leak  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
02/13/06 10:36

### 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:

*Raland K Tuttle*

Date:

2/13/2006

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

Jeanne Mc Murrey, Inorg. Tech Director  
LaTasha Cornish, Chemist  
Sandra Sanchez, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

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: Rice Operating Co.

Date/Time: 02-07-06 @ 0900

Order #: 6B07002

Initials: JMM

### Sample Receipt Checklist

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

Other observations:

---



---



---

### Variance Documentation:

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

---



---

Corrective Action Taken:

---



---



---



---



---



12600 West I-20 East - Odessa, Texas 79765

## Analytical Report

**Prepared for:**

Roy Rascon

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: ABO-Apache LA Leak Site

Project Number: None Given

Location: None Given

Lab Order Number: 6B07001

Report Date: 02/09/06

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
02/09/06 13:41

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Grid 18 E. Wall @ 5'	6B07001-01	Soil	02/03/06 10:00	02/07/06 08:00
Grid 18 Btm Comp. @ 5'	6B07001-02	Soil	02/03/06 10:05	02/07/06 08:00
Grid 18 W. Wall @ 5'	6B07001-03	Soil	02/03/06 10:10	02/07/06 08:00
Grid 12 E. Wall @ 5'	6B07001-04	Soil	02/03/06 10:15	02/07/06 08:00
Grid 12 Btm. Comp. @ 5'	6B07001-05	Soil	02/03/06 10:20	02/07/06 08:00
Grid 12 W. Wall @ 5'	6B07001-06	Soil	02/03/06 10:25	02/07/06 08:00
Grid 10 E. Wall @ 5'	6B07001-07	Soil	02/03/06 10:30	02/07/06 08:00
Grid 10 Btm. Comp. @ 5'	6B07001-08	Soil	02/03/06 10:35	02/07/06 08:00
Grid 10 E. Wall @ 5'	6B07001-09	Soil	02/03/06 10:40	02/07/06 08:00

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471  
**Reported:**  
02/09/06 13:41

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Grid 18 E. Wall @ 5' (6B07001-01) Soil</b>									
Chloride	200	10.0	mg/kg	20	EB60823	02/08/06	02/09/06	EPA 300.0	
<b>Grid 18 Bttm Comp. @ 5' (6B07001-02) Soil</b>									
Chloride	863	20.0	mg/kg	40	EB60823	02/08/06	02/09/06	EPA 300.0	
<b>Grid 18 W. Wall @ 5' (6B07001-03) Soil</b>									
Chloride	791	10.0	mg/kg	20	EB60823	02/08/06	02/09/06	EPA 300.0	
<b>Grid 12 E. Wall @ 5' (6B07001-04) Soil</b>									
Chloride	807	25.0	mg/kg	50	EB60823	02/08/06	02/09/06	EPA 300.0	
<b>Grid 12 Bttm. Comp. @ 5' (6B07001-05) Soil</b>									
Chloride	1060	20.0	mg/kg	40	EB60823	02/08/06	02/09/06	EPA 300.0	
<b>Grid 12 W. Wall @ 5' (6B07001-06) Soil</b>									
Chloride	2250	50.0	mg/kg	100	EB60823	02/08/06	02/09/06	EPA 300.0	
<b>Grid 10 E. Wall @ 5' (6B07001-07) Soil</b>									
Chloride	1370	20.0	mg/kg	40	EB60823	02/08/06	02/09/06	EPA 300.0	
<b>Grid 10 Bttm. Comp. @ 5' (6B07001-08) Soil</b>									
Chloride	514	10.0	mg/kg	20	EB60823	02/08/06	02/09/06	EPA 300.0	
<b>Grid 10 E. Wall @ 5' (6B07001-09) Soil</b>									
Chloride	1720	20.0	mg/kg	40	EB60823	02/08/06	02/09/06	EPA 300.0	

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471  
**Reported:**  
02/09/06 13:41

**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 EB60823 - Water Extraction</b>										
<b>Blank (EB60823-BLK1)</b> Prepared & Analyzed: 02/08/06										
Chloride	ND	0.500	mg/kg							
<b>LCS (EB60823-BS1)</b> Prepared & Analyzed: 02/08/06										
Chloride	8.81	0.500	mg/kg	10.0		88.1	80-120			
<b>Calibration Check (EB60823-CCV1)</b> Prepared & Analyzed: 02/08/06										
Chloride	9.22		mg/L	10.0		92.2	80-120			
<b>Duplicate (EB60823-DUP1)</b> Source: 6B07007-01 Prepared & Analyzed: 02/08/06										
Chloride	66.2	5.00	mg/kg		65.3			1.37	20	

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471  
**Reported:**  
02/09/06 13:41

### 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:

*Raland K Tuttle*

Date:

2/9/2006

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

Jeanne Mc Murrey, Inorg. Tech Director  
LaTasha Cornish, Chemist  
Sandra Sanchez, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

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: Rice Operating Co.

Date/Time: 02-07-06 @0800

Order #: 6B 07001

Initials: JMM

### Sample Receipt Checklist

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

Other observations:

---



---



---

### Variance Documentation:

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

---

Corrective Action Taken:

---



---



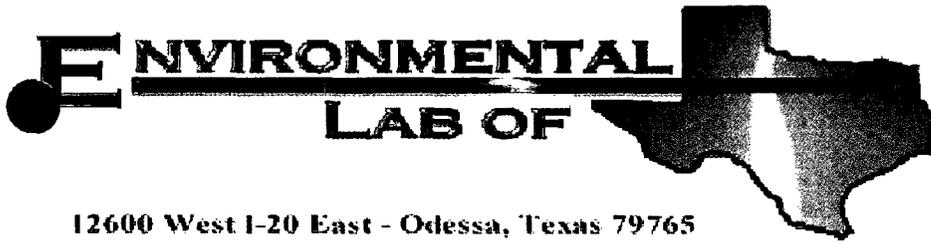
---



---



---



## Analytical Report

**Prepared for:**

Roy Rascon

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: ABO-Apache LA Leak Site

Project Number: None Given

Location: None Given

Lab Order Number: 6B01009

Report Date: 02/06/06

Rice Operating Co. 122 W. Taylor Hobbs NM, 88240	Project: ABO-Apache LA Leak Site Project Number: None Given Project Manager: Roy Rascon	Fax: (505) 397-1471 <b>Reported:</b> 02/06/06 17:06
--	---	---

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Pile #6	6B01009-01	Soil	01/27/06 15:00	01/31/06 19:40

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
02/06/06 17:06

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Pile #6 (6B01009-01) Soil</b>									
Chloride	623	10.0	mg/kg	20	EB60608	02/03/06	02/06/06	EPA 300.0	

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 2 of 4

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
02/06/06 17:06

**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 EB60608 - Water Extraction</b>										
<b>Blank (EB60608-BLK1)</b> Prepared: 02/03/06 Analyzed: 02/06/06										
Chloride	ND	0.500	mg/kg							
<b>LCS (EB60608-BS1)</b> Prepared: 02/03/06 Analyzed: 02/06/06										
Chloride	8.98		mg/L	10.0		89.8	80-120			
<b>Calibration Check (EB60608-CCV1)</b> Prepared: 02/03/06 Analyzed: 02/06/06										
Chloride	9.05		mg/L	10.0		90.5	80-120			
<b>Duplicate (EB60608-DUP1)</b> Source: 6B01006-03 Prepared: 02/03/06 Analyzed: 02/06/06										
Chloride	200	10.0	mg/kg		200			0.00	20	

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471  
**Reported:**  
02/06/06 17:06

### 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:

*Raland K Tuttle*

Date:

2/6/2006

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

Jeanne Mc Murrey, Inorg. Tech Director  
LaTasha Cornish, Chemist  
Sandra Sanchez, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

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: Rice Op.  
 Date/Time: 1/21/00 19:40  
 Order #: 6B01009  
 Initials: CK

**Sample Receipt Checklist**

Temperature of container/cooler?	Yes	No	0.5	C
Shipping container/cooler in good condition?	Yes	No		
Custody Seals intact on shipping container/cooler?	Yes	No	Not present	
Custody Seals intact on sample bottles?	Yes	No	Not present	
Chain of custody present?	Yes	No		
Sample Instructions complete on Chain of Custody?	Yes	No		
Chain of Custody signed when relinquished and received?	Yes	No		
Chain of custody agrees with sample label(s)	Yes	No		
Container labels legible and intact?	Yes	No		
Sample Matrix and properties same as on chain of custody?	Yes	No		
Samples in proper container/bottle?	Yes	No		
Samples properly preserved?	Yes	No		
Sample bottles intact?	Yes	No		
Preservations documented on Chain of Custody?	Yes	No		
Containers documented on Chain of Custody?	Yes	No		
Sufficient sample amount for indicated test?	Yes	No		
All samples received within sufficient hold time?	Yes	No		
VOC samples have zero headspace?	Yes	No	Not Applicable	

Other observations:

---



---



---

**Variance Documentation:**

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

---



---

Corrective Action Taken:

---



---



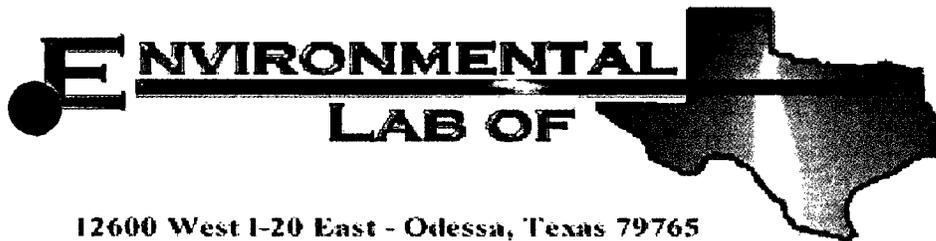
---



---



---



12600 West I-20 East - Odessa, Texas 79765

## Analytical Report

**Prepared for:**

Roy Rascon

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: ABO-Apache LA Leak Site

Project Number: None Given

Location: None Given

Lab Order Number: 6A23001

Report Date: 01/25/06

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471  
**Reported:**  
01/25/06 09:30

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
#35@ 2' bgs	6A23001-01	Soil	01/18/06 14:45	01/20/06 17:00
#9@ 2' bgs	6A23001-02	Soil	01/17/06 11:05	01/20/06 17:00
#63@ 5' bgs	6A23001-03	Soil	01/18/06 12:30	01/20/06 17:00
#55@ 5' bgs	6A23001-04	Soil	01/18/06 07:50	01/20/06 17:00
#32@ 2' bgs	6A23001-05	Soil	01/17/06 13:30	01/20/06 17:00
#31@ 5' bgs	6A23001-06	Soil	01/19/06 15:15	01/20/06 17:00
#3 pile	6A23001-07	Soil	01/20/06 08:20	01/20/06 17:00
#25@ 4' bgs	6A23001-08	Soil	01/19/06 15:10	01/20/06 17:00
#36@ 5' bgs	6A23001-09	Soil	01/20/06 08:18	01/20/06 17:00
#56@ 5' bgs	6A23001-10	Soil	01/19/06 12:35	01/20/06 17:00
#29@ 5' bgs	6A23001-11	Soil	01/19/06 10:40	01/20/06 17:00
#60@ 5' bgs	6A23001-12	Soil	01/18/06 08:30	01/20/06 17:00
Pile #4	6A23001-13	Soil	01/20/06 07:45	01/20/06 17:00
#33@ 2' bgs	6A23001-14	Soil	01/17/06 13:30	01/20/06 17:00
#54@ 3' bgs	6A23001-15	Soil	01/19/06 14:10	01/20/06 17:00
#30@ 5' bgs	6A23001-16	Soil	01/19/06 12:55	01/20/06 17:00
#10@ 2' bgs	6A23001-17	Soil	01/17/06 11:15	01/20/06 17:00
#61@ 5' bgs	6A23001-18	Soil	01/18/06 08:35	01/20/06 17:00

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
01/25/06 09:30

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>#35@ 2' bgs (6A23001-01) Soil</b>									
Chloride	1140	25.0	mg/kg	50	EA62501	01/24/06	01/24/06	EPA 300.0	
<b>#9@ 2' bgs (6A23001-02) Soil</b>									
Chloride	1040	20.0	mg/kg	40	EA62501	01/24/06	01/24/06	EPA 300.0	
<b>#63@ 5' bgs (6A23001-03) Soil</b>									
Chloride	1170	20.0	mg/kg	40	EA62501	01/24/06	01/24/06	EPA 300.0	
<b>#55@ 5' bgs (6A23001-04) Soil</b>									
Chloride	1470	25.0	mg/kg	50	EA62501	01/24/06	01/24/06	EPA 300.0	
<b>#32@ 2' bgs (6A23001-05) Soil</b>									
Chloride	1020	25.0	mg/kg	50	EA62501	01/24/06	01/24/06	EPA 300.0	
<b>#31@ 5' bgs (6A23001-06) Soil</b>									
Chloride	1380	25.0	mg/kg	50	EA62501	01/24/06	01/24/06	EPA 300.0	
<b>#3 pile (6A23001-07) Soil</b>									
Chloride	250	10.0	mg/kg	20	EA62501	01/24/06	01/24/06	EPA 300.0	
<b>#25@ 4' bgs (6A23001-08) Soil</b>									
Chloride	1170	25.0	mg/kg	50	EA62501	01/24/06	01/24/06	EPA 300.0	
<b>#36@ 5' bgs (6A23001-09) Soil</b>									
Chloride	2120	25.0	mg/kg	50	EA62501	01/24/06	01/24/06	EPA 300.0	
<b>#56@ 5' bgs (6A23001-10) Soil</b>									
Chloride	1640	25.0	mg/kg	50	EA62501	01/24/06	01/24/06	EPA 300.0	
<b>#29@ 5' bgs (6A23001-11) Soil</b>									
Chloride	933	10.0	mg/kg	20	EA62501	01/24/06	01/24/06	EPA 300.0	

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 2 of 5

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
01/25/06 09:30

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>#60@ 5' bgs (6A23001-12) Soil</b>									
Chloride	1360	20.0	mg/kg	40	EA62501	01/24/06	01/24/06	EPA 300.0	
<b>Pile #4 (6A23001-13) Soil</b>									
Chloride	261	10.0	mg/kg	20	EA62501	01/24/06	01/24/06	EPA 300.0	
<b>#33@ 2' bgs (6A23001-14) Soil</b>									
Chloride	809	10.0	mg/kg	20	EA62501	01/24/06	01/24/06	EPA 300.0	
<b>#54@ 3' bgs (6A23001-15) Soil</b>									
Chloride	962	20.0	mg/kg	40	EA62501	01/24/06	01/24/06	EPA 300.0	
<b>#30@ 5' bgs (6A23001-16) Soil</b>									
Chloride	730	10.0	mg/kg	20	EA62501	01/24/06	01/24/06	EPA 300.0	
<b>#10@ 2' bgs (6A23001-17) Soil</b>									
Chloride	1050	20.0	mg/kg	40	EA62501	01/24/06	01/24/06	EPA 300.0	
<b>#61@ 5' bgs (6A23001-18) Soil</b>									
Chloride	1380	20.0	mg/kg	40	EA62501	01/24/06	01/24/06	EPA 300.0	

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 3 of 5

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471  
Reported:  
01/25/06 09:30

### 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 EA62501 - Water Extraction</b>										
<b>Blank (EA62501-BLK1)</b> Prepared & Analyzed: 01/24/06										
Chloride	ND	0.500	mg/kg							
<b>LCS (EA62501-BS1)</b> Prepared & Analyzed: 01/24/06										
Chloride	8.29	0.500	mg/kg	10.0		82.9	80-120			
<b>Calibration Check (EA62501-CCV1)</b> Prepared & Analyzed: 01/24/06										
Chloride	8.59		mg/L	10.0		85.9	80-120			
<b>Duplicate (EA62501-DUP1)</b> Source: 6A23001-01 Prepared & Analyzed: 01/24/06										
Chloride	1090	25.0	mg/kg		1140			4.48	20	

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471  
**Reported:**  
01/25/06 09:30

### 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:

*Raland K Tuttle*

Date:

1/25/2006

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

Jeanne Mc Murrey, Inorg. Tech Director  
LaTasha Cornish, Chemist  
Sandra Sanchez, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

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

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 5 of 5





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

Client: Rice Op.  
 Date/Time: 1/20/06 17:00  
 Order #: 6A23001  
 Initials: CK

**Sample Receipt Checklist**

Temperature of container/cooler?	Yes	No	2,0	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		
Samples received within sufficient hold time?	<input checked="" type="checkbox"/>	No		
VOC samples have zero headspace?	Yes	No	<u>Not Applicable</u>	

Other observations:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Variance Documentation:**

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

Corrective Action Taken:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



12600 West I-20 East - Odessa, Texas 79765

## Analytical Report

**Prepared for:**

Roy Rascon

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: ABO-Apache LA Leak Site

Project Number: Remediation

Location: None Given

Lab Order Number: 6A24004

Report Date: 01/26/06

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

Project: ABO-Apache LA Leak Site  
Project Number: Remediation  
Project Manager: Roy Rascon

Fax: (505) 397-1471

**Reported:**  
01/26/06 15:20

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Pile #1 Blended	6A24004-01	Soil	01/23/06 12:50	01/24/06 08:00
Pile #2 Blended	6A24004-02	Soil	01/23/06 14:45	01/24/06 08:00

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

Project: ABO-Apache LA Leak Site  
Project Number: Remediation  
Project Manager: Roy Rascon

Fax: (505) 397-1471  
**Reported:**  
01/26/06 15:20

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Pile #1 Blended (6A24004-01) Soil</b>									
Chloride	288	10.0	mg/kg	20	EA62404	01/25/06	01/26/06	EPA 300.0	
<b>Pile #2 Blended (6A24004-02) Soil</b>									
Chloride	244	10.0	mg/kg	20	EA62404	01/25/06	01/26/06	EPA 300.0	

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

Project: ABO-Apache LA Leak Site  
 Project Number: Remediation  
 Project Manager: Roy Rascon

Fax: (505) 397-1471  
 Reported:  
 01/26/06 15:20

**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 EA62404 - Water Extraction</b>										
<b>Blank (EA62404-BLK1)</b>										
Prepared: 01/25/06 Analyzed: 01/26/06										
Chloride	ND	0.500	mg/kg							
<b>LCS (EA62404-BS1)</b>										
Prepared: 01/25/06 Analyzed: 01/26/06										
Chloride	8.31	0.500	mg/kg	10.0		83.1	80-120			
<b>Calibration Check (EA62404-CCV1)</b>										
Prepared: 01/25/06 Analyzed: 01/26/06										
Chloride	8.24		mg/L	10.0		82.4	80-120			
<b>Duplicate (EA62404-DUP1)</b>										
Source: 6A24003-01 Prepared: 01/25/06 Analyzed: 01/26/06										
Chloride	348	10.0	mg/kg		327			6.22	20	

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

Project: ABO-Apache LA Leak Site  
Project Number: Remediation  
Project Manager: Roy Rascon

Fax: (505) 397-1471  
**Reported:**  
01/26/06 15:20

### 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: \_\_\_\_\_

*Raland K Tuttle*

Date: \_\_\_\_\_

1/26/2006

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

Jeanne Mc Murrey, Inorg. Tech Director  
LaTasha Cornish, Chemist  
Sandra Sanchez, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

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

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 4



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

Client: Pipe Op.  
 Date/Time: 1/24/06 8:00  
 Order #: 6A24004  
 Initials: CK

**Sample Receipt Checklist**

	Yes	No	
Temperature of container/cooler?			1.5 C
Shipping container/cooler in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Custody Seals intact on shipping container/cooler?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not present
Custody Seals intact on sample bottles?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not present
Chain of custody present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Sample Instructions complete on Chain of Custody?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Chain of Custody signed when relinquished and received?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Chain of custody agrees with sample label(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Container labels legible and intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Sample Matrix and properties same as on chain of custody?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Samples in proper container/bottle?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Samples properly preserved?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Sample bottles intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Preservations documented on Chain of Custody?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Containers documented on Chain of Custody?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Sufficient sample amount for indicated test?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
All samples received within sufficient hold time?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
VOC samples have zero headspace?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not Applicable

Other observations:

---



---



---

**Variance Documentation:**

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

---



---

Corrective Action Taken:

---



---



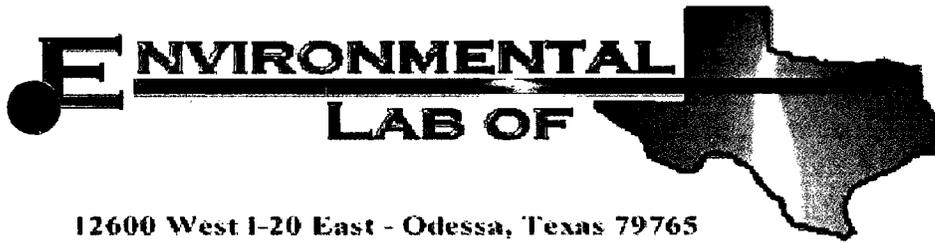
---



---



---



12600 West I-20 East - Odessa, Texas 79765

## Analytical Report

**Prepared for:**

Roy Rascon

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: ABO-Apache LA Leak Site

Project Number: None Given

Location: None Given

Lab Order Number: 6A17001

Report Date: 01/18/06

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471  
**Reported:**  
01/18/06 09:45

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
#37 @ 5' bgs	6A17001-04	Soil	01/10/06 14:00	01/17/06 08:00
#40 @ 5' bgs	6A17001-07	Soil	01/12/06 11:30	01/17/06 08:00

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471  
**Reported:**  
01/18/06 09:45

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>#37 @ 5' bgs (6A17001-04) Soil</b>									
Chloride	594	10.0	mg/kg	20	EA61708	01/17/06	01/17/06	EPA 300.0	
<b>#40 @ 5' bgs (6A17001-07) Soil</b>									
Chloride	1440	25.0	mg/kg	50	EA61708	01/17/06	01/17/06	EPA 300.0	
% Moisture	6.2	0.1	%	1	EA61801	01/17/06	01/18/06	% calculation	

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
01/18/06 09:45

**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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch EA61708 - Water Extraction**

<b>Blank (EA61708-BLK1)</b>				Prepared & Analyzed: 01/17/06						
Chloride	ND	0.500	mg/kg							

<b>LCS (EA61708-BS1)</b>				Prepared & Analyzed: 01/17/06						
Chloride	8.48		mg/L	10.0		84.8	80-120			

<b>Calibration Check (EA61708-CCV1)</b>				Prepared & Analyzed: 01/17/06						
Chloride	8.71		mg/L	10.0		87.1	80-120			

<b>Duplicate (EA61708-DUP1)</b>		<b>Source: 6A16008-01</b>			Prepared & Analyzed: 01/17/06					
Chloride	3020	50.0	mg/kg		3010			0.332	20	

**Batch EA61801 - General Preparation (Prep)**

<b>Blank (EA61801-BLK1)</b>				Prepared: 01/17/06 Analyzed: 01/18/06						
% Solids	100		%							

<b>Duplicate (EA61801-DUP1)</b>		<b>Source: 6A17001-02</b>			Prepared: 01/17/06 Analyzed: 01/18/06					
% Solids	95.2		%		95.1			0.105	20	

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
01/18/06 09:45

### 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:

*Raland K Tuttle*

Date:

1/18/2006

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

Jeanne Mc Murrey, Inorg. Tech Director  
LaTasha Cornish, Chemist  
Sandra Sanchez, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

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: Rice Operating Co.

Date/Time: 01-17-06 @ 0800

Order #: 6A17001

Initials: JMM

**Sample Receipt Checklist**

Temperature of container/cooler?	<input checked="" type="radio"/> Yes	No	0,5	C
Shipping container/cooler in good condition?	<input checked="" type="radio"/> Yes	No		
Custody Seals intact on shipping container/cooler?	<input checked="" type="radio"/> Yes	No	Not present	
Custody Seals intact on sample bottles?	<input checked="" type="radio"/> Yes	No	<u>Not present</u>	
Chain of custody present?	<input checked="" type="radio"/> Yes	No		
Sample Instructions complete on Chain of Custody?	<input checked="" type="radio"/> Yes	No		
Chain of Custody signed when relinquished and received?	<input checked="" type="radio"/> Yes	No		
Chain of custody agrees with sample label(s)	<input checked="" type="radio"/> Yes	No		
Container labels legible and intact?	<input checked="" type="radio"/> Yes	No		
Sample Matrix and properties same as on chain of custody?	<input checked="" type="radio"/> Yes	No		
Samples in proper container/bottle?	<input checked="" type="radio"/> Yes	No		
Samples properly preserved?	<input checked="" type="radio"/> Yes	No		
Sample bottles intact?	<input checked="" type="radio"/> Yes	No		
Preservations documented on Chain of Custody?	<input checked="" type="radio"/> Yes	No		
Containers documented on Chain of Custody?	<input checked="" type="radio"/> Yes	No		
Sufficient sample amount for indicated test?	<input checked="" type="radio"/> Yes	No		
All samples received within sufficient hold time?	<input checked="" type="radio"/> Yes	No		
VOC samples have zero headspace?	<input checked="" type="radio"/> Yes	No	Not Applicable	

Other observations:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Variance Documentation:**

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

\_\_\_\_\_

\_\_\_\_\_

Corrective Action Taken:

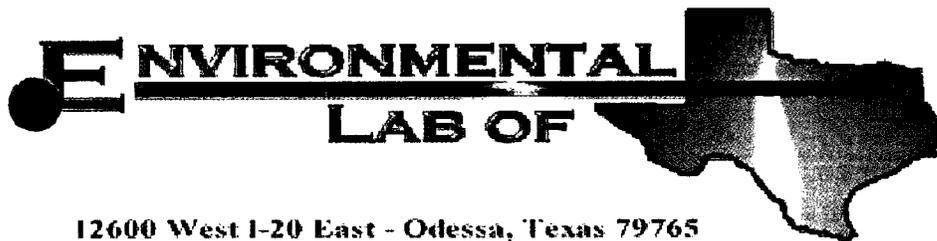
\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



12600 West I-20 East - Odessa, Texas 79765

## Analytical Report

**Prepared for:**

Roy Rascon

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: ABO-Apache LA Leak Site

Project Number: None Given

Location: None Given

Lab Order Number: 6A17001

Report Date: 01/18/06

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471  
**Reported:**  
01/18/06 11:31

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
#26 @ 2' bgs	6A17001-01	Soil	01/11/06 13:05	01/17/06 08:00
#25 @ 2' bgs	6A17001-02	Soil	01/11/06 13:00	01/17/06 08:00
#35 @ 1' bgs	6A17001-03	Soil	01/11/06 14:10	01/17/06 08:00
#37 @ 5' bgs	6A17001-04	Soil	01/10/06 14:00	01/17/06 08:00
#30 @ 3' bgs	6A17001-05	Soil	01/12/06 09:15	01/17/06 08:00
#29 @ 3' bgs	6A17001-06	Soil	01/12/06 09:11	01/17/06 08:00
#40 @ 5' bgs	6A17001-07	Soil	01/12/06 11:30	01/17/06 08:00
#31 @ 3' bgs	6A17001-08	Soil	01/12/06 10:30	01/17/06 08:00
#1 @ 1' bgs	6A17001-09	Soil	01/13/06 10:50	01/17/06 08:00
#5 @ 1' bgs	6A17001-10	Soil	01/13/06 10:55	01/17/06 08:00
#6 @ 1' bgs	6A17001-11	Soil	01/13/06 11:00	01/17/06 08:00
#11 @ 1' bgs	6A17001-12	Soil	01/13/06 11:05	01/17/06 08:00
#18 @ 1' bgs	6A17001-13	Soil	01/13/06 13:05	01/17/06 08:00
Blend #1	6A17001-14	Soil	01/13/06 13:06	01/17/06 08:00
Blend #2	6A17001-15	Soil	01/13/06 14:10	01/17/06 08:00

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471  
**Reported:**  
01/18/06 11:31

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>#25 @ 2' bgs (6A17001-02) Soil</b>									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA61709	01/17/06	01/17/06	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		97.0 %		70-130	"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		86.6 %		70-130	"	"	"	"	
<b>#29 @ 3' bgs (6A17001-06) Soil</b>									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA61709	01/17/06	01/17/06	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		104 %		70-130	"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		92.4 %		70-130	"	"	"	"	
<b>#40 @ 5' bgs (6A17001-07) Soil</b>									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA61709	01/17/06	01/17/06	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		99.8 %		70-130	"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		88.4 %		70-130	"	"	"	"	
<b>#1 @ 1' bgs (6A17001-09) Soil</b>									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA61709	01/17/06	01/17/06	EPA 8015M	
Diesel Range Organics >C12-C35	192	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	192	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		101 %		70-130	"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		89.6 %		70-130	"	"	"	"	

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
01/18/06 11:31

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>#26 @ 2' bgs (6A17001-01) Soil</b>									
Chloride	995	20.0	mg/kg	40	EA61708	01/17/06	01/17/06	EPA 300.0	
<b>#25 @ 2' bgs (6A17001-02) Soil</b>									
Chloride	1280	25.0	mg/kg	50	EA61708	01/17/06	01/17/06	EPA 300.0	
% Moisture	4.9	0.1	%	1	EA61801	01/17/06	01/18/06	% calculation	
<b>#35 @ 1' bgs (6A17001-03) Soil</b>									
Chloride	2130	25.0	mg/kg	50	EA61708	01/17/06	01/17/06	EPA 300.0	
<b>#37 @ 5' bgs (6A17001-04) Soil</b>									
Chloride	594	10.0	mg/kg	20	EA61708	01/17/06	01/17/06	EPA 300.0	
<b>#30 @ 3' bgs (6A17001-05) Soil</b>									
Chloride	1410	25.0	mg/kg	50	EA61708	01/17/06	01/17/06	EPA 300.0	
<b>#29 @ 3' bgs (6A17001-06) Soil</b>									
Chloride	1480	25.0	mg/kg	50	EA61708	01/17/06	01/17/06	EPA 300.0	
% Moisture	5.0	0.1	%	1	EA61801	01/17/06	01/18/06	% calculation	
<b>#40 @ 5' bgs (6A17001-07) Soil</b>									
Chloride	1440	25.0	mg/kg	50	EA61708	01/17/06	01/17/06	EPA 300.0	
% Moisture	6.2	0.1	%	1	EA61801	01/17/06	01/18/06	% calculation	
<b>#31 @ 3' bgs (6A17001-08) Soil</b>									
Chloride	1060	25.0	mg/kg	50	EA61708	01/17/06	01/17/06	EPA 300.0	
<b>#1 @ 1' bgs (6A17001-09) Soil</b>									
Chloride	214	10.0	mg/kg	20	EA61708	01/17/06	01/17/06	EPA 300.0	
% Moisture	4.2	0.1	%	1	EA61801	01/17/06	01/18/06	% calculation	

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 3 of 7

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
01/18/06 11:31

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>#5 @ 1' bgs (6A17001-10) Soil</b>									
Chloride	867	25.0	mg/kg	50	EA61708	01/17/06	01/17/06	EPA 300.0	
<b>#6 @ 1' bgs (6A17001-11) Soil</b>									
Chloride	594	20.0	mg/kg	40	EA61708	01/17/06	01/17/06	EPA 300.0	
<b>#11 @ 1' bgs (6A17001-12) Soil</b>									
Chloride	688	20.0	mg/kg	40	EA61708	01/17/06	01/17/06	EPA 300.0	
<b>#18 @ 1' bgs (6A17001-13) Soil</b>									
Chloride	334	10.0	mg/kg	20	EA61708	01/17/06	01/17/06	EPA 300.0	
<b>Blend #1 (6A17001-14) Soil</b>									
Chloride	322	10.0	mg/kg	20	EA61708	01/17/06	01/17/06	EPA 300.0	
<b>Blend #2 (6A17001-15) Soil</b>									
Chloride	356	10.0	mg/kg	20	EA61708	01/17/06	01/17/06	EPA 300.0	

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 7

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471  
Reported:  
01/18/06 11:31

**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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch EA61709 - Solvent Extraction (GC)**

**Blank (EA61709-BLK1)**

Prepared & Analyzed: 01/17/06

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	53.9		mg/kg	50.0		108	70-130			
Surrogate: 1-Chlorooctadecane	49.7		"	50.0		99.4	70-130			

**LCS (EA61709-BS1)**

Prepared & Analyzed: 01/17/06

Gasoline Range Organics C6-C12	445	10.0	mg/kg wet	500		89.0	75-125			
Diesel Range Organics >C12-C35	534	10.0	"	500		107	75-125			
Total Hydrocarbon C6-C35	979	10.0	"	1000		97.9	75-125			
Surrogate: 1-Chlorooctane	52.0		mg/kg	50.0		104	70-130			
Surrogate: 1-Chlorooctadecane	41.8		"	50.0		83.6	70-130			

**Calibration Check (EA61709-CCV1)**

Prepared: 01/17/06 Analyzed: 01/18/06

Gasoline Range Organics C6-C12	478		mg/kg	500		95.6	80-120			
Diesel Range Organics >C12-C35	594		"	500		119	80-120			
Total Hydrocarbon C6-C35	1070		"	1000		107	80-120			
Surrogate: 1-Chlorooctane	59.0		"	50.0		118	70-130			
Surrogate: 1-Chlorooctadecane	47.8		"	50.0		95.6	70-130			

**Matrix Spike (EA61709-MS1)**

Source: 6A17001-02

Prepared & Analyzed: 01/17/06

Gasoline Range Organics C6-C12	480	10.0	mg/kg dry	526	ND	91.3	75-125			
Diesel Range Organics >C12-C35	579	10.0	"	526	ND	110	75-125			
Total Hydrocarbon C6-C35	1060	10.0	"	1050	ND	101	75-125			
Surrogate: 1-Chlorooctane	57.6		mg/kg	50.0		115	70-130			
Surrogate: 1-Chlorooctadecane	46.6		"	50.0		93.2	70-130			

**Matrix Spike Dup (EA61709-MSD1)**

Source: 6A17001-02

Prepared & Analyzed: 01/17/06

Gasoline Range Organics C6-C12	480	10.0	mg/kg dry	526	ND	91.3	75-125	0.00	20	
Diesel Range Organics >C12-C35	583	10.0	"	526	ND	111	75-125	0.688	20	
Total Hydrocarbon C6-C35	1060	10.0	"	1050	ND	101	75-125	0.00	20	
Surrogate: 1-Chlorooctane	57.6		mg/kg	50.0		115	70-130			
Surrogate: 1-Chlorooctadecane	47.1		"	50.0		94.2	70-130			

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
01/18/06 11:31

**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 EA61708 - Water Extraction</b>										
<b>Blank (EA61708-BLK1)</b> Prepared & Analyzed: 01/17/06										
Chloride	ND	0.500	mg/kg							
<b>LCS (EA61708-BS1)</b> Prepared & Analyzed: 01/17/06										
Chloride	8.48		mg/L	10.0		84.8	80-120			
<b>Calibration Check (EA61708-CCV1)</b> Prepared & Analyzed: 01/17/06										
Chloride	8.71		mg/L	10.0		87.1	80-120			
<b>Duplicate (EA61708-DUP1)</b> Source: 6A16008-01 Prepared & Analyzed: 01/17/06										
Chloride	3020	50.0	mg/kg		3010			0.332	20	
<b>Batch EA61801 - General Preparation (Prep)</b>										
<b>Blank (EA61801-BLK1)</b> Prepared: 01/17/06 Analyzed: 01/18/06										
% Solids	100		%							
<b>Duplicate (EA61801-DUP1)</b> Source: 6A17001-02 Prepared: 01/17/06 Analyzed: 01/18/06										
% Solids	95.2		%		95.1			0.105	20	
<b>Duplicate (EA61801-DUP2)</b> Source: 6A17009-01 Prepared: 01/17/06 Analyzed: 01/18/06										
Moisture	13.9	0.1	%		12.1			13.8	20	

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

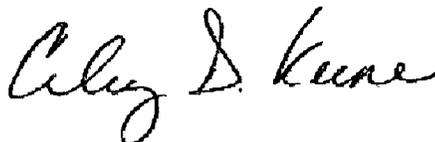
Fax: (505) 397-1471

Reported:  
01/18/06 11:31

### 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:

1/18/2006

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

Jeanne Mc Murrey, Inorg. Tech Director  
La Tasha Cornish, Chemist  
Sandra Sanchez, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

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

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 7 of 7





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

Client: Rice Operating Co.

Date/Time: 01-17-06 @ 0800

Order #: 6A17001

Initials: JMM

**Sample Receipt Checklist**

Temperature of container/cooler?	<input checked="" type="radio"/> Yes	No	0,5	C
Shipping container/cooler in good condition?	<input checked="" type="radio"/> Yes	No		
Custody Seals intact on shipping container/cooler?	<input checked="" type="radio"/> Yes	No	Not present	
Custody Seals intact on sample bottles?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not present	
Chain of custody present?	<input checked="" type="radio"/> Yes	No		
Sample Instructions complete on Chain of Custody?	<input checked="" type="radio"/> Yes	No		
Chain of Custody signed when relinquished and received?	<input checked="" type="radio"/> Yes	No		
Chain of custody agrees with sample label(s)	<input checked="" type="radio"/> Yes	No		
Container labels legible and intact?	<input checked="" type="radio"/> Yes	No		
Sample Matrix and properties same as on chain of custody?	<input checked="" type="radio"/> Yes	No		
Samples in proper container/bottle?	<input checked="" type="radio"/> Yes	No		
Samples properly preserved?	<input checked="" type="radio"/> Yes	No		
Sample bottles intact?	<input checked="" type="radio"/> Yes	No		
Preservations documented on Chain of Custody?	<input checked="" type="radio"/> Yes	No		
Containers documented on Chain of Custody?	<input checked="" type="radio"/> Yes	No		
Sufficient sample amount for indicated test?	<input checked="" type="radio"/> Yes	No		
All samples received within sufficient hold time?	<input checked="" type="radio"/> Yes	No		
VOC samples have zero headspace?	<input checked="" type="radio"/> Yes	No	Not Applicable	

Other observations:

---



---



---

**Variance Documentation:**

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

Corrective Action Taken:

---



---



---



---



---



12600 West I-20 East - Odessa, Texas 79765

## Analytical Report

**Prepared for:**

Roy Rascon

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: ABO-Apache LA Leak Site

Project Number: None Given

Location: None Given

Lab Order Number: 6A11001

Report Date: 01/17/06

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
01/17/06 07:56

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
#45@ 1'bgs	6A11001-01	Soil	01/05/06 12:12	01/11/06 08:00
#54@ 1'bgs	6A11001-02	Soil	01/05/06 12:30	01/11/06 08:00
#27@ 1'bgs	6A11001-03	Soil	01/06/06 15:05	01/11/06 08:00
#13@ 1'bgs	6A11001-04	Soil	01/06/06 08:30	01/11/06 08:00
#62@ 1'bgs	6A11001-05	Soil	01/05/06 13:00	01/11/06 08:00
#39@ 1'bgs	6A11001-06	Soil	01/04/06 11:05	01/11/06 08:00
#57@ 1'bgs	6A11001-07	Soil	01/04/06 11:20	01/11/06 08:00
#14@ 1'bgs	6A11001-08	Soil	01/06/06 08:32	01/11/06 08:00
#44@ 1'bgs	6A11001-09	Soil	01/05/06 12:15	01/11/06 08:00
#60@ 3'bgs	6A11001-10	Soil	01/06/06 14:30	01/11/06 08:00
#58@ 5'bgs	6A11001-11	Soil	01/04/06 11:10	01/11/06 08:00
#10@ 1'bgs	6A11001-12	Soil	01/06/06 08:40	01/11/06 08:00
#55@ 4'bgs	6A11001-13	Soil	01/09/06 08:56	01/11/06 08:00
#28@ 1'bgs	6A11001-14	Soil	01/06/06 14:52	01/11/06 08:00
#52@ 1'bgs	6A11001-15	Soil	01/05/06 12:45	01/11/06 08:00
#22@ 1'bgs	6A11001-16	Soil	01/06/06 15:10	01/11/06 08:00
#63@ 1'bgs	6A11001-17	Soil	01/05/06 12:25	01/11/06 08:00
#38@ 5'bgs	6A11001-18	Soil	01/04/06 13:40	01/11/06 08:00
#33@ 1'bgs	6A11001-19	Soil	01/06/06 14:57	01/11/06 08:00
#53@ 1'bgs	6A11001-20	Soil	01/05/06 12:20	01/11/06 08:00
#56@ 1'bgs	6A11001-21	Soil	01/05/06 14:45	01/11/06 08:00
#61@ 3'bgs	6A11001-22	Soil	01/06/06 14:45	01/11/06 08:00
#26@ 1'bgs	6A11001-23	Soil	01/06/06 14:54	01/11/06 08:00
#32@ 1'bgs	6A11001-24	Soil	01/06/06 15:00	01/11/06 08:00
#74@ 5'bgs	6A11001-25	Soil	01/04/06 10:55	01/11/06 08:00
#75@ 5'bgs	6A11001-26	Soil	01/04/06 11:00	01/11/06 08:00
#59@ 5'bgs	6A11001-27	Soil	01/04/06 13:47	01/11/06 08:00
#9@ 1'bgs	6A11001-28	Soil	01/06/06 08:35	01/11/06 08:00

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471  
**Reported:**  
01/17/06 07:56

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>#62@ 1'bgs (6A11001-05) Soil</b>									
Gasoline Range Organics C6-C12	ND	25.0	mg/kg dry	1	EA61214	01/12/06	01/13/06	TX 1005	
Diesel Range Organics >C12-C35	ND	25.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	25.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		77.8 %		70-130	"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		77.4 %		70-130	"	"	"	"	
<b>#14@ 1'bgs (6A11001-08) Soil</b>									
Gasoline Range Organics C6-C12	ND	25.0	mg/kg dry	1	EA61214	01/12/06	01/13/06	TX 1005	
Diesel Range Organics >C12-C35	ND	25.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	25.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		82.8 %		70-130	"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		82.4 %		70-130	"	"	"	"	
<b>#55@ 4'bgs (6A11001-13) Soil</b>									
Gasoline Range Organics C6-C12	ND	25.0	mg/kg dry	1	EA61214	01/12/06	01/13/06	TX 1005	
Diesel Range Organics >C12-C35	ND	25.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	25.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		79.4 %		70-130	"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		78.8 %		70-130	"	"	"	"	
<b>#38@ 5'bgs (6A11001-18) Soil</b>									
Gasoline Range Organics C6-C12	ND	25.0	mg/kg dry	1	EA61214	01/12/06	01/13/06	TX 1005	
Diesel Range Organics >C12-C35	ND	25.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	25.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		77.6 %		70-130	"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		76.8 %		70-130	"	"	"	"	
<b>#61@ 3'bgs (6A11001-22) Soil</b>									
Gasoline Range Organics C6-C12	ND	25.0	mg/kg dry	1	EA61214	01/12/06	01/13/06	TX 1005	
Diesel Range Organics >C12-C35	ND	25.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	25.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		87.0 %		70-130	"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		86.2 %		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.*

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471  
**Reported:**  
01/17/06 07:56

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>#75@ 5'bgs (6A11001-26) Soil</b>									
Gasoline Range Organics C6-C12	ND	25.0	mg/kg dry	1	EA61214	01/12/06	01/13/06	TX 1005	
Diesel Range Organics >C12-C35	ND	25.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	25.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		88.6 %		70-130	"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		88.2 %		70-130	"	"	"	"	

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
01/17/06 07:56

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>#45@ 1'bgs (6A11001-01) Soil</b>									
Chloride	267	10.0	mg/kg	20	EA61303	01/11/06	01/13/06	EPA 300.0	
<b>#54@ 1'bgs (6A11001-02) Soil</b>									
Chloride	1960	50.0	mg/kg	100	EA61303	01/11/06	01/13/06	EPA 300.0	
<b>#27@ 1'bgs (6A11001-03) Soil</b>									
Chloride	756	20.0	mg/kg	40	EA61303	01/11/06	01/13/06	EPA 300.0	
<b>#13@ 1'bgs (6A11001-04) Soil</b>									
Chloride	604	20.0	mg/kg	40	EA61303	01/11/06	01/13/06	EPA 300.0	
<b>#62@ 1'bgs (6A11001-05) Soil</b>									
Chloride	785	20.0	mg/kg	40	EA61303	01/11/06	01/13/06	EPA 300.0	
% Moisture	7.6	0.1	%	1	EA61202	01/11/06	01/12/06	% calculation	
<b>#9@ 1'bgs (6A11001-06) Soil</b>									
Chloride	1360	20.0	mg/kg	40	EA61303	01/11/06	01/13/06	EPA 300.0	
<b>#57@ 1'bgs (6A11001-07) Soil</b>									
Chloride	1560	25.0	mg/kg	50	EA61303	01/11/06	01/13/06	EPA 300.0	
<b>#14@ 1'bgs (6A11001-08) Soil</b>									
Chloride	706	10.0	mg/kg	20	EA61303	01/11/06	01/13/06	EPA 300.0	
% Moisture	5.9	0.1	%	1	EA61202	01/11/06	01/12/06	% calculation	
<b>#44@ 1'bgs (6A11001-09) Soil</b>									
Chloride	290	10.0	mg/kg	20	EA61303	01/11/06	01/13/06	EPA 300.0	
<b>#60@ 3'bgs (6A11001-10) Soil</b>									
Chloride	1130	20.0	mg/kg	40	EA61303	01/11/06	01/13/06	EPA 300.0	

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 10

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
01/17/06 07:56

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>#58@ 5'bgs (6A11001-11) Soil</b>									
Chloride	1720	25.0	mg/kg	50	EA61303	01/11/06	01/13/06	EPA 300.0	
<b>#10@ 1'bgs (6A11001-12) Soil</b>									
Chloride	1240	25.0	mg/kg	50	EA61303	01/11/06	01/13/06	EPA 300.0	
<b>#55@ 4'bgs (6A11001-13) Soil</b>									
Chloride	1220	20.0	mg/kg	40	EA61303	01/11/06	01/13/06	EPA 300.0	
% Moisture	7.5	0.1	%	1	EA61202	01/11/06	01/12/06	% calculation	
<b>#28@ 1'bgs (6A11001-14) Soil</b>									
Chloride	908	20.0	mg/kg	40	EA61303	01/11/06	01/13/06	EPA 300.0	
<b>#52@ 1'bgs (6A11001-15) Soil</b>									
Chloride	625	20.0	mg/kg	40	EA61304	01/12/06	01/13/06	EPA 300.0	
<b>#2@ 1'bgs (6A11001-16) Soil</b>									
Chloride	948	20.0	mg/kg	40	EA61304	01/12/06	01/13/06	EPA 300.0	
<b>#63@ 1'bgs (6A11001-17) Soil</b>									
Chloride	1260	20.0	mg/kg	40	EA61304	01/12/06	01/13/06	EPA 300.0	
<b>#38@ 5'bgs (6A11001-18) Soil</b>									
Chloride	1330	20.0	mg/kg	40	EA61304	01/12/06	01/13/06	EPA 300.0	
% Moisture	9.0	0.1	%	1	EA61202	01/11/06	01/12/06	% calculation	
<b>#33@ 1'bgs (6A11001-19) Soil</b>									
Chloride	1020	20.0	mg/kg	40	EA61304	01/12/06	01/13/06	EPA 300.0	
<b>#53@ 1'bgs (6A11001-20) Soil</b>									
Chloride	734	20.0	mg/kg	40	EA61304	01/12/06	01/13/06	EPA 300.0	

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 5 of 10

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471  
**Reported:**  
01/17/06 07:56

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>#56@ 1'bgs (6A11001-21) Soil</b>									
Chloride	2750	50.0	mg/kg	100	EA61304	01/12/06	01/13/06	EPA 300.0	
<b>#61@ 3'bgs (6A11001-22) Soil</b>									
Chloride	1320	20.0	mg/kg	40	EA61304	01/12/06	01/13/06	EPA 300.0	
% Moisture	7.7	0.1	%	1	EA61202	01/11/06	01/12/06	% calculation	
<b>#26@ 1'bgs (6A11001-23) Soil</b>									
Chloride	754	20.0	mg/kg	40	EA61304	01/12/06	01/13/06	EPA 300.0	
<b>#32@ 1'bgs (6A11001-24) Soil</b>									
Chloride	1960	25.0	mg/kg	50	EA61304	01/12/06	01/13/06	EPA 300.0	
<b>#74@ 5'bgs (6A11001-25) Soil</b>									
Chloride	424	10.0	mg/kg	20	EA61304	01/12/06	01/13/06	EPA 300.0	
<b>#5@ 5'bgs (6A11001-26) Soil</b>									
Chloride	712	10.0	mg/kg	20	EA61304	01/12/06	01/13/06	EPA 300.0	
% Moisture	5.9	0.1	%	1	EA61202	01/11/06	01/12/06	% calculation	
<b>#59@ 5'bgs (6A11001-27) Soil</b>									
Chloride	1100	20.0	mg/kg	40	EA61304	01/12/06	01/13/06	EPA 300.0	
<b>#9@ 1'bgs (6A11001-28) Soil</b>									
Chloride	2010	20.0	mg/kg	40	EA61304	01/12/06	01/13/06	EPA 300.0	

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 6 of 10

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
01/17/06 07:56

**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 EA61214 - Solvent Extraction (GC)</b>										
<b>Blank (EA61214-BLK1)</b>					Prepared & Analyzed: 01/12/06					
Gasoline Range Organics C6-C12	ND	25.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	25.0	"							
Total Hydrocarbon C6-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	41.8		mg/kg	50.0		83.6	70-130			
Surrogate: 1-Chlorooctadecane	42.2		"	50.0		84.4	70-130			
<b>LCS (EA61214-BS1)</b>					Prepared: 01/12/06 Analyzed: 01/13/06					
Gasoline Range Organics C6-C12	435	25.0	mg/kg wet	500		87.0	75-125			
Diesel Range Organics >C12-C35	526	25.0	"	500		105	75-125			
Total Hydrocarbon C6-C35	961	25.0	"	1000		96.1	75-125			
Surrogate: 1-Chlorooctane	59.8		mg/kg	50.0		120	70-130			
Surrogate: 1-Chlorooctadecane	52.3		"	50.0		105	70-130			
<b>Calibration Check (EA61214-CCV1)</b>					Prepared: 01/12/06 Analyzed: 01/13/06					
Gasoline Range Organics C6-C12	447		mg/kg	500		89.4	80-120			
Diesel Range Organics >C12-C35	518		"	500		104	80-120			
Total Hydrocarbon C6-C35	965		"	1000		96.5	80-120			
Surrogate: 1-Chlorooctane	55.8		"	50.0		112	70-130			
Surrogate: 1-Chlorooctadecane	52.0		"	50.0		104	70-130			
<b>Matrix Spike (EA61214-MS1)</b>					Source: 6A11001-26		Prepared & Analyzed: 01/12/06			
Gasoline Range Organics C6-C12	478	25.0	mg/kg dry	531	ND	90.0	75-125			
Diesel Range Organics >C12-C35	531	25.0	"	531	ND	100	75-125			
Total Hydrocarbon C6-C35	1010	25.0	"	1060	ND	95.3	75-125			
Surrogate: 1-Chlorooctane	58.3		mg/kg	50.0		117	70-130			
Surrogate: 1-Chlorooctadecane	47.8		"	50.0		95.6	70-130			
<b>Matrix Spike Dup (EA61214-MSD1)</b>					Source: 6A11001-26		Prepared: 01/12/06 Analyzed: 01/13/06			
Gasoline Range Organics C6-C12	469	25.0	mg/kg dry	531	ND	88.3	75-125	1.90	20	
Diesel Range Organics >C12-C35	504	25.0	"	531	ND	94.9	75-125	5.22	20	
Total Hydrocarbon C6-C35	973	25.0	"	1060	ND	91.8	75-125	3.73	20	
Surrogate: 1-Chlorooctane	57.8		mg/kg	50.0		116	70-130			
Surrogate: 1-Chlorooctadecane	46.7		"	50.0		93.4	70-130			

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471  
**Reported:**  
01/17/06 07:56

**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 EA61202 - General Preparation (Prep)</b>										
<b>Blank (EA61202-BLK1)</b> Prepared: 01/11/06 Analyzed: 01/12/06										
% Solids	100		%							
<b>Duplicate (EA61202-DUP1)</b> Source: 6A10012-01 Prepared: 01/11/06 Analyzed: 01/12/06										
% Solids	88.6		%		90.4			2.01	20	
<b>Duplicate (EA61202-DUP2)</b> Source: 6A10016-04 Prepared: 01/11/06 Analyzed: 01/12/06										
% Solids	93.3		%		93.6			0.321	20	
<b>Duplicate (EA61202-DUP3)</b> Source: 6A11007-01 Prepared: 01/11/06 Analyzed: 01/12/06										
% Solids	96.6		%		97.0			0.413	20	
<b>Batch EA61303 - Water Extraction</b>										
<b>Blank (EA61303-BLK1)</b> Prepared: 01/11/06 Analyzed: 01/13/06										
Chloride	ND	0.500	mg/kg							
<b>LCS (EA61303-BS1)</b> Prepared: 01/11/06 Analyzed: 01/13/06										
Chloride	8.58		mg/L	10.0		85.8	80-120			
<b>Calibration Check (EA61303-CCV1)</b> Prepared: 01/11/06 Analyzed: 01/13/06										
Chloride	8.75		mg/L	10.0		87.5	80-120			
<b>Duplicate (EA61303-DUP1)</b> Source: 6A10017-01 Prepared: 01/11/06 Analyzed: 01/13/06										
Chloride	3850	100	mg/kg		3790			1.57	20	
<b>Batch EA61304 - Water Extraction</b>										
<b>Blank (EA61304-BLK1)</b> Prepared: 01/12/06 Analyzed: 01/13/06										
Chloride	ND	0.500	mg/kg							

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471  
**Reported:**  
01/17/06 07:56

**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 EA61304 - Water Extraction</b>										
<b>LCS (EA61304-BS1)</b>										
Prepared: 01/12/06 Analyzed: 01/13/06										
Chloride	8.60		mg/L	10.0		86.0	80-120			
<b>Calibration Check (EA61304-CCV1)</b>										
Prepared: 01/12/06 Analyzed: 01/13/06										
Chloride	9.66		mg/L	10.0		96.6	80-120			
<b>Duplicate (EA61304-DUP1)</b>										
Source: 6A11001-15 Prepared: 01/12/06 Analyzed: 01/13/06										
Chloride	639	20.0	mg/kg		625			2.22	20	

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

Project: ABO-Apache LA Leak Site  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
01/17/06 07:56

### 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: \_\_\_\_\_

*Raland K Tuttle*

Date: 1/17/2006

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

Jeanne Mc Murrey, Inorg. Tech Director  
LaTasha Cornish, Chemist  
Sandra Sanchez, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

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

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 10 of 10







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

Client: Rice Op.  
 Date/Time: 1/11/06 8:00  
 Order #: 6A1100  
 Initials: AK

**Sample Receipt Checklist**

	Yes	No	
Temperature of container/cooler?			1.5 C
Shipping container/cooler in good condition?	Yes	No	
Custody Seals intact on shipping container/cooler?	Yes	No	Not present
Custody Seals intact on sample bottles?	Yes	No	Not present
Chain of custody present?	Yes	No	
Sample Instructions complete on Chain of Custody?	Yes	No	
Chain of Custody signed when relinquished and received?	Yes	No	
Chain of custody agrees with sample label(s)	Yes	No	
Container labels legible and intact?	Yes	No	
Sample Matrix and properties same as on chain of custody?	Yes	No	
Samples in proper container/bottle?	Yes	No	
Samples properly preserved?	Yes	No	
Sample bottles intact?	Yes	No	
Preservations documented on Chain of Custody?	Yes	No	
Containers documented on Chain of Custody?	Yes	No	
Sufficient sample amount for indicated test?	Yes	No	
Samples received within sufficient hold time?	Yes	No	
VOC samples have zero headspace?	Yes	No	Not Applicable

Other observations:

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

**Variance Documentation:**

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

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

Corrective Action Taken:

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