

1R - 415

REPORTS

DATE:

2006

IR-415

March 3, 2006

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
Section 1, 17S, 36E, Unit G

NMOCD Case #1R0415

Dear Wayne:

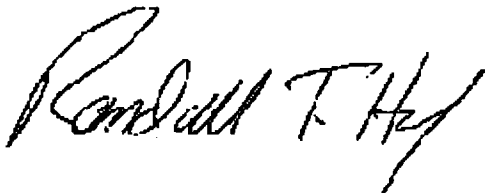
Attached are photographs that document the completion of all construction (soil excavation, exportation and importation of clay). Because electronic files of the final analytical results are quite large, please expect them with the paper copy of this letter, which will be sent on Monday.

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

March 3, 2006
Page 2

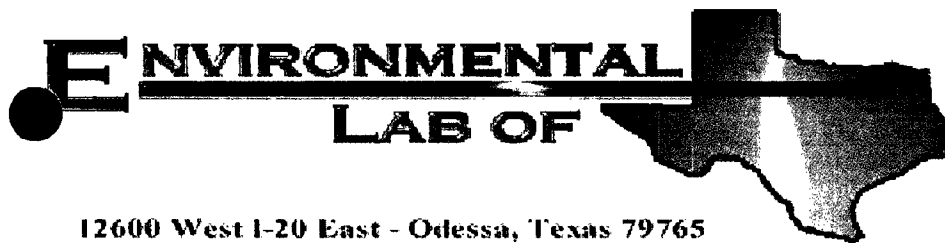
Construction photographs showing clay placement excavation



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

Batch EB61613 - Water Extraction

Blank (EB61613-BLK1)

Prepared: 02/16/06 Analyzed: 02/17/06

Chloride	ND	0.500	mg/kg							
----------	----	-------	-------	--	--	--	--	--	--	--

LCS (EB61613-BS1)

Prepared: 02/16/06 Analyzed: 02/17/06

Chloride	8.87	0.500	mg/kg	10.0		88.7	80-120			
----------	------	-------	-------	------	--	------	--------	--	--	--

Calibration Check (EB61613-CCV1)

Prepared: 02/16/06 Analyzed: 02/17/06

Chloride	9.01		mg/L	10.0		90.1	80-120			
----------	------	--	------	------	--	------	--------	--	--	--

Duplicate (EB61613-DUP1)**Source: 6B14010-05**

Prepared: 02/16/06 Analyzed: 02/17/06

Chloride	38.5	5.00	mg/kg		38.6			0.259	20	
----------	------	------	-------	--	------	--	--	-------	----	--

Batch EB61618 - Water Extraction

Blank (EB61618-BLK1)

Prepared: 02/16/06 Analyzed: 02/20/06

Chloride	ND	0.500	mg/kg							
----------	----	-------	-------	--	--	--	--	--	--	--

LCS (EB61618-BS1)

Prepared: 02/16/06 Analyzed: 02/20/06

Chloride	9.13	0.500	mg/kg	10.0		91.3	80-120			
----------	------	-------	-------	------	--	------	--------	--	--	--

Calibration Check (EB61618-CCV1)

Prepared: 02/16/06 Analyzed: 02/20/06

Chloride	9.96		mg/L	10.0		99.6	80-120			
----------	------	--	------	------	--	------	--------	--	--	--

Duplicate (EB61618-DUP1)**Source: 6B15003-05**

Prepared: 02/16/06 Analyzed: 02/20/06

Chloride	1360	25.0	mg/kg		1370			0.733	20	
----------	------	------	-------	--	------	--	--	-------	----	--

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 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

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, Inc.

12600 West 120 East
Odessa, Texas 79763

Phone: 915-563-1800
Fax: 915-563-1713

Project Manager: Ray Rascon
Company Name: RIKE OPERATING CO
Company Address: 122 W Taylor
City/State/Zip: Nobles W.M. 78240
Telephone No: (505) 393-9174
Sampler Signature: [Signature]

Project Name: Abso Apsche LA beds Site
Project #: Remediation Project
Project Loc: _____
PO #: _____

Fax No: _____

FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative						Matrix			Analyze For						
				HNO ₃	HCl	NaOH	H ₂ SO ₄	None	Other (Specify)	Water	Sludge	Soil	TPH 418.1	TPH TX 1005/1008	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030
Blested Backfill	02/10/06	2:12	1	✓															
Sample Pt 1 N wall	02/09/06	1:00	1	✓															
Sample Pt 45' Bottom Comp	02/09/06	1:05	1	✓															
Sample Pt 4 N wall	02/09/06	1:10	1	✓															
Grid 2-2 wall	02/09/06	1:15	1	✓															
Grid 2 N wall	02/09/06	1:20	1	✓															
Grid 2 Bottom Comp	02/09/06	1:25	1	✓															
Grid 3 N wall	02/09/06	1:30	1	✓															
Grid 3 00A @ 5'	02/09/06	1:40	1	✓															
Grid 3 2 wall	02/09/06	1:55	1	✓															

Special Instructions:

Sample Observers Initials
Temperature Upon Receipt
Laboratory Comments

Relinquished by: <u>[Signature]</u>	Date: <u>02/13/06</u>	Time: <u>8:00</u>	Received by: <u>[Signature]</u>	Date: <u>2/14</u>	Time: <u>17:00</u>
Relinquished by: <u>[Signature]</u>	Date: <u>2/15</u>	Time: <u>7:00</u>	Received by: <u>[Signature]</u>	Date: <u>2/15</u>	Time: <u>17:00</u>

Environmental Lab of Texas

Variance / Corrective Action Report – Sample Log-In

Client: rice Op.

Date/Time: 2/15/06 8:00

Order #: 6B15003

Initials: OK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	2.0	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?	OK Yes	No	Not Applicable	

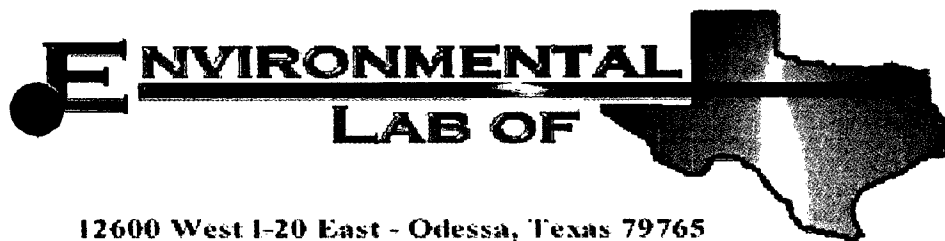
Other observations:

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 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

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
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
Grid 6 E. Wall @ 5' (6B07002-01) Soil									
Chloride	209	10.0	mg/kg	20	EB61002	02/09/06	02/10/06	EPA 300.0	
Grid 6 Bottom Comp. @ 5' (6B07002-02) Soil									
Chloride	1140	20.0	mg/kg	40	EB61002	02/09/06	02/10/06	EPA 300.0	
Grid 6 W. Wall @ 5' (6B07002-03) Soil									
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
Batch EB61002 - Water Extraction										
Blank (EB61002-BLK1)										
					Prepared: 02/09/06 Analyzed: 02/10/06					
Chloride	ND	0.500	mg/kg							
LCS (EB61002-BS1)										
					Prepared: 02/09/06 Analyzed: 02/10/06					
Chloride	8.93		mg/L	10.0		89.3	80-120			
Calibration Check (EB61002-CCV1)										
					Prepared: 02/09/06 Analyzed: 02/10/06					
Chloride	9.37		mg/L	10.0		93.7	80-120			
Duplicate (EB61002-DUP1)										
					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.

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Roy Rascon

Company Name Rice Operating Company

Company Address: 122 W Taylor

City/State/Zip: Hobbs, NM 88240

Telephone No: 505-393-9174

Fax No: 505-397-1471

Sampler Signature:

[illegible]

Environmental Lab of Texas

Variance / Corrective Action Report – Sample Log-In

Client: Rice Operating Co.

Date/Time: 02-07-06 @ 0800

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	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: 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 Bttm 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 Bttm. 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 Bttm. 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
Grid 18 E. Wall @ 5' (6B07001-01) Soil									
Chloride	200	10.0	mg/kg	20	EB60823	02/08/06	02/09/06	EPA 300.0	
Grid 18 Bttm Comp. @ 5' (6B07001-02) Soil									
Chloride	863	20.0	mg/kg	40	EB60823	02/08/06	02/09/06	EPA 300.0	
Grid 18 W. Wall @ 5' (6B07001-03) Soil									
Chloride	791	10.0	mg/kg	20	EB60823	02/08/06	02/09/06	EPA 300.0	
Grid 12 E. Wall @ 5' (6B07001-04) Soil									
Chloride	807	25.0	mg/kg	50	EB60823	02/08/06	02/09/06	EPA 300.0	
Grid 12 Bttm. Comp. @ 5' (6B07001-05) Soil									
Chloride	1060	20.0	mg/kg	40	EB60823	02/08/06	02/09/06	EPA 300.0	
Grid 12 W. Wall @ 5' (6B07001-06) Soil									
Chloride	2250	50.0	mg/kg	100	EB60823	02/08/06	02/09/06	EPA 300.0	
Grid 10 E. Wall @ 5' (6B07001-07) Soil									
Chloride	1370	20.0	mg/kg	40	EB60823	02/08/06	02/09/06	EPA 300.0	
Grid 10 Bttm. Comp. @ 5' (6B07001-08) Soil									
Chloride	514	10.0	mg/kg	20	EB60823	02/08/06	02/09/06	EPA 300.0	
Grid 10 E. Wall @ 5' (6B07001-09) Soil									
Chloride	1720	20.0	mg/kg	40	EB60823	02/08/06	02/09/06	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:
02/09/06 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
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch EB60823 - Water Extraction

Blank (EB60823-BLK1)

Prepared & Analyzed: 02/08/06

Chloride	ND	0.500	mg/kg							
----------	----	-------	-------	--	--	--	--	--	--	--

LCS (EB60823-BS1)

Prepared & Analyzed: 02/08/06

Chloride	8.81	0.500	mg/kg	10.0		88.1	80-120			
----------	------	-------	-------	------	--	------	--------	--	--	--

Calibration Check (EB60823-CCV1)

Prepared & Analyzed: 02/08/06

Chloride	9.22		mg/L	10.0		92.2	80-120			
----------	------	--	------	------	--	------	--------	--	--	--

Duplicate (EB60823-DUP1)

Source: 6B07007-01

Prepared & Analyzed: 02/08/06

Chloride	66.2	5.00	mg/kg		65.3			1.37	20	
----------	------	------	-------	--	------	--	--	------	----	--

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 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:
02/09/06 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

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: Rice Operating Co.

Date/Time: 02-07-06 @0800

Order #: 6B 07001

Initials: JMM

Sample Receipt Checklist

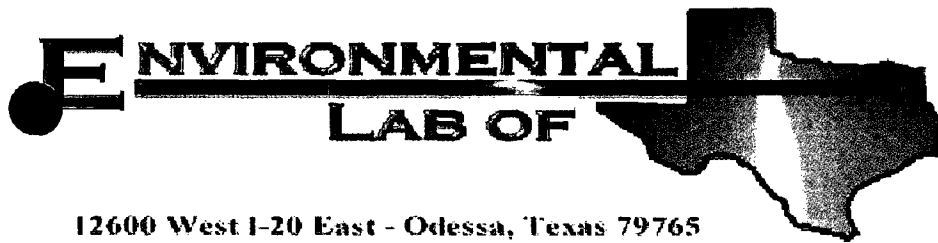
Temperature of container/cooler?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	4.0	C
Shipping container/cooler in good condition?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Custody Seals intact on shipping container/cooler?	<input checked="" type="radio"/> Yes	<input 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		
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: 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

Reported:
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
Pile #6 (6B01009-01) Soil									
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
Batch EB60608 - Water Extraction										
Blank (EB60608-BLK1)										
					Prepared: 02/03/06 Analyzed: 02/06/06					
Chloride	ND	0.500	mg/kg							
LCS (EB60608-BS1)										
					Prepared: 02/03/06 Analyzed: 02/06/06					
Chloride	8.98		mg/L	10.0		89.8	80-120			
Calibration Check (EB60608-CCV1)										
					Prepared: 02/03/06 Analyzed: 02/06/06					
Chloride	9.05		mg/L	10.0		90.5	80-120			
Duplicate (EB60608-DUP1)										
					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.

12600 West I-20 East
Odessa, Texas 79763

Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Roy Rascon

Company Name Rice Operating Company

Company Address: 122 W Taylor

City/State/Zip: Hobbs, NM 88240

Telephone No: 505-393-9174

Sampler Signature: Ray R. Ranson

Fax No: 505-397-1471

Project Name: 4BD Appache LA Leak Site Remed.

Project #:

Project Loc:

PO#:

Sampler Signature: Kay K. Ellison

Fax No: 505-397-1471

[illegible]

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

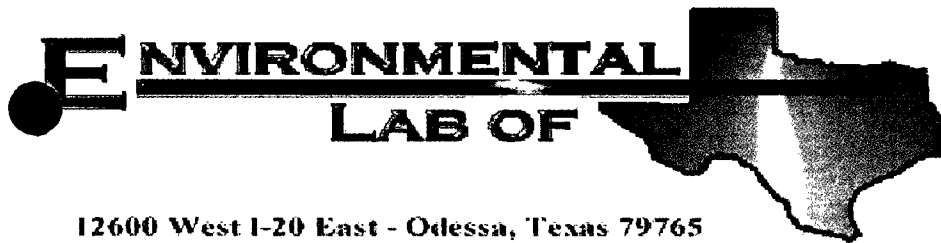
Temperature of container/cooler?	Yes	No	0.5	C
Shipping container/cooler in good condition?	Yes	No		
Custody Seals intact on shipping container/cooler?	Yes	No	Not present	
Custody Seals intact on sample bottles?	Yes	No	Not present	
Chain of custody present?	Yes	No		
Sample Instructions complete on Chain 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
#35@ 2' bgs (6A23001-01) Soil									
Chloride	1140	25.0	mg/kg	50	EA62501	01/24/06	01/24/06	EPA 300.0	
#9@ 2' bgs (6A23001-02) Soil									
Chloride	1040	20.0	mg/kg	40	EA62501	01/24/06	01/24/06	EPA 300.0	
#63@ 5' bgs (6A23001-03) Soil									
Chloride	1170	20.0	mg/kg	40	EA62501	01/24/06	01/24/06	EPA 300.0	
#55@ 5' bgs (6A23001-04) Soil									
Chloride	1470	25.0	mg/kg	50	EA62501	01/24/06	01/24/06	EPA 300.0	
#32@ 2' bgs (6A23001-05) Soil									
Chloride	1020	25.0	mg/kg	50	EA62501	01/24/06	01/24/06	EPA 300.0	
#31@ 5' bgs (6A23001-06) Soil									
Chloride	1380	25.0	mg/kg	50	EA62501	01/24/06	01/24/06	EPA 300.0	
#3 pile (6A23001-07) Soil									
Chloride	250	10.0	mg/kg	20	EA62501	01/24/06	01/24/06	EPA 300.0	
#25@ 4' bgs (6A23001-08) Soil									
Chloride	1170	25.0	mg/kg	50	EA62501	01/24/06	01/24/06	EPA 300.0	
#36@ 5' bgs (6A23001-09) Soil									
Chloride	2120	25.0	mg/kg	50	EA62501	01/24/06	01/24/06	EPA 300.0	
#56@ 5' bgs (6A23001-10) Soil									
Chloride	1640	25.0	mg/kg	50	EA62501	01/24/06	01/24/06	EPA 300.0	
#29@ 5' bgs (6A23001-11) Soil									
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
#60@ 5' bgs (6A23001-12) Soil									
Chloride	1360	20.0	mg/kg	40	EA62501	01/24/06	01/24/06	EPA 300.0	
Pile #4 (6A23001-13) Soil									
Chloride	261	10.0	mg/kg	20	EA62501	01/24/06	01/24/06	EPA 300.0	
#33@ 2' bgs (6A23001-14) Soil									
Chloride	809	10.0	mg/kg	20	EA62501	01/24/06	01/24/06	EPA 300.0	
#54@ 3' bgs (6A23001-15) Soil									
Chloride	962	20.0	mg/kg	40	EA62501	01/24/06	01/24/06	EPA 300.0	
#30@ 5' bgs (6A23001-16) Soil									
Chloride	730	10.0	mg/kg	20	EA62501	01/24/06	01/24/06	EPA 300.0	
#10@ 2' bgs (6A23001-17) Soil									
Chloride	1050	20.0	mg/kg	40	EA62501	01/24/06	01/24/06	EPA 300.0	
#61@ 5' bgs (6A23001-18) Soil									
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
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch EA62501 - Water Extraction

Blank (EA62501-BLK1)

Prepared & Analyzed: 01/24/06

Chloride	ND	0.500	mg/kg							
----------	----	-------	-------	--	--	--	--	--	--	--

LCS (EA62501-BS1)

Prepared & Analyzed: 01/24/06

Chloride	8.29	0.500	mg/kg	10.0		82.9	80-120			
----------	------	-------	-------	------	--	------	--------	--	--	--

Calibration Check (EA62501-CCV1)

Prepared & Analyzed: 01/24/06

Chloride	8.59		mg/L	10.0		85.9	80-120			
----------	------	--	------	------	--	------	--------	--	--	--

Duplicate (EA62501-DUP1)

Source: 6A23001-01

Prepared & Analyzed: 01/24/06

Chloride	1090	25.0	mg/kg		1140			4.48	20	
----------	------	------	-------	--	------	--	--	------	----	--

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 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

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

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?	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:



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
Pile #1 Blended (6A24004-01) Soil									
Chloride	288	10.0	mg/kg	20	EA62404	01/25/06	01/26/06	EPA 300.0	
Pile #2 Blended (6A24004-02) Soil									
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
Batch EA62404 - Water Extraction										
Blank (EA62404-BLK1)				Prepared: 01/25/06 Analyzed: 01/26/06						
Chloride	ND	0.500	mg/kg							
LCS (EA62404-BS1)				Prepared: 01/25/06 Analyzed: 01/26/06						
Chloride	8.31	0.500	mg/kg	10.0		83.1	80-120			
Calibration Check (EA62404-CCV1)				Prepared: 01/25/06 Analyzed: 01/26/06						
Chloride	8.24		mg/L	10.0		82.4	80-120			
Duplicate (EA62404-DUP1)		Source: 6A24003-01		Prepared: 01/25/06 Analyzed: 01/26/06						
Chloride	348	10.0	mg/kg		327			6.22	20	

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 4

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

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

Phone: 915-563-1800
Fax: 915-563-1713

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

ABO Apache LA Lead
Site Remediation

Project Manager: Roy Rascon

Company Name Rice Operating Company

Company Address: 122 W Taylor

City/State/Zip: Hobbs, NM 88240

Telephone No: 505-393-9174

Sampler Signature: Ray R. Johnson

Fax No: 505-397-1471

Sampler Signature:

[illegible]

Special Instructions:

Sample Containers Intact?

Temperature Upon Receipt: 1.5°C

Laboratory Comments: Cables w/ custody seals

Relinquished by:

Rev. L. Gibson

Date	Time
------	------

23-06	400 F 442 RR
-------	----------------------------

Received by:

5

Date _____

11/23/60-03

Time

فروع - صا

Relinquished by:

Received by ELOT:
Roland K. Jueds

Time

000

Environmental Lab of Texas

Variance / Corrective Action Report – Sample Log-In

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

Sample Receipt Checklist

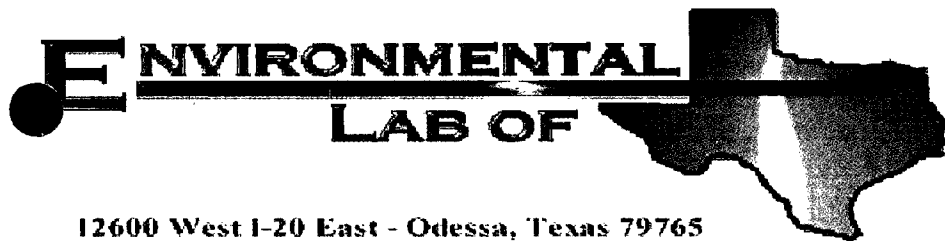
Temperature of container/cooler?	Yes	No	1.5 C
Shipping container/cooler in good condition?	Yes	No	
Custody Seals intact on shipping container/cooler?	Yes	No	Not present
Custody Seals intact on sample bottles?	Yes	No	Not present
Chain of custody present?	Yes	No	
Sample Instructions complete on Chain of 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	
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: 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
#37 @ 5' bgs (6A17001-04) Soil									
Chloride	594	10.0	mg/kg	20	EA61708	01/17/06	01/17/06	EPA 300.0	
#40 @ 5' bgs (6A17001-07) Soil									
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	

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:
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

Blank (EA61708-BLK1)

Prepared & Analyzed: 01/17/06

Chloride	ND	0.500	mg/kg							
----------	----	-------	-------	--	--	--	--	--	--	--

LCS (EA61708-BS1)

Prepared & Analyzed: 01/17/06

Chloride	8.48		mg/L	10.0		84.8	80-120			
----------	------	--	------	------	--	------	--------	--	--	--

Calibration Check (EA61708-CCV1)

Prepared & Analyzed: 01/17/06

Chloride	8.71		mg/L	10.0		87.1	80-120			
----------	------	--	------	------	--	------	--------	--	--	--

Duplicate (EA61708-DUP1)

Source: 6A16008-01

Prepared & Analyzed: 01/17/06

Chloride	3020	50.0	mg/kg		3010			0.332	20	
----------	------	------	-------	--	------	--	--	-------	----	--

Batch EA61801 - General Preparation (Prep)

Blank (EA61801-BLK1)

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

% Solids	100		%							
----------	-----	--	---	--	--	--	--	--	--	--

Duplicate (EA61801-DUP1)

Source: 6A17001-02

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

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, Inc.

12600 West I-20 East
Odessa, Texas 79763

Phone: 915-463-1800
Fax: 915-463-1713

Project Manager: Ray Razon
Company Name: Rico Operating
Company Address: 122 W Taylor
City/State/Zip: Hidalgo NM 88240
Telephone No: (505) 393-9174
Fax No: (505) 393-9171
Sampler Signature: Jennifer Johnson

Project Name: Abo Apache LA 100
Project #: _____
Project Loc: _____
PO #: _____

LAB # (In Sample Only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative							Matrix			Analyze For:										
					HNO ₃	HCl	NaOH	H ₂ SO ₄	None	Other (Specify)	Water	Sediment	Soil	Other (Specify)	TDS CL SAR/EC	TPH 418.1	TPH TX 1005/1008	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 6021B/5030	TCLP:	TOTAL:	RUSH TAT (Pre-Schedule)
	#26 @ 2' bgs	11/10/06	1:05pm	1	X									X		X		X							X
	#25 @ 2' bgs	11/10/06	1:00pm	1	X									X		X		X							X
	#35 @ 1' bgs	11/10/06	2:40pm	1	X									X		X		X							X
	#31 @ 5' bgs	11/10/06	2:00pm	1	X									X		X		X							X
	RTE from #40 RER	11/10/06	1:29pm	1	X									X		X		X							X
	#30 @ 3' bgs	11/10/06	9:15am	1	X									X		X		X							X
	#29 @ 3' bgs	11/10/06	9:11am	1	X									X		X		X							X
	#40 @ 5' bgs	11/12/06	11:30am	1	X									X		X		X							X
	#31 @ 3' bgs	11/12/06	10:30am	1	X									X		X		X							X
	#1 @ 1' bgs	11/13/06	10:50am	1	X									X		X		X							X

Special Instructions: PLEASE Run TPH on Designated Sample 1P CLEAN CALL 505-631-1278
Roy, & Rush samples marked Red, Disregard samples slashed & Initialed RER

Relinquished by:	Date	Time	Received by:	Date	Time
Melanie Tharner	11/16/06	4:00pm	<u>[Signature]</u>	1/16	17:30
Relinquished by:	Date	Time	Relinquished by:	Date	Time
<u>[Signature]</u>	1/17	8:00	<u>[Signature]</u>	01-16-06	08:00

Sample Received: _____
Temperature Upon Receipt: _____
Laboratory Comments: _____

12600 West I-20 East
Odessa, Texas 79763

Phone: 915-563-1800
Fax: 915-563-1713

Project Manager:

Roy Rascon
Rice, Operating

Company Name:

122 W Taylor

Company Address:

Hobbs, nm 88240

City/State/Zip:

505) 393-9174

Telephone No.:

Quinn O'Connor

Fax No:

(55) 393-1471

Project Name: App Apache UAlgal

Project #:

Project Loc:

PO #:

[illegible]

Special Instructions:

Relinquished by:

Melanie Marko

Date _____

4.000m

Received by:

2/2

1

100-443887-100

Time

00

Reinquished by:

Colby

Date _____

8.0

Reviewed by:

7-10

सुभाष



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

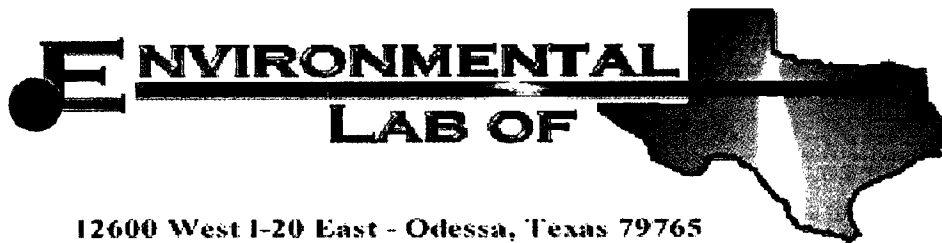
Temperature of container/cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	0.5	C
Shipping container/cooler in good condition?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Custody Seals intact on shipping container/cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not present	
Custody Seals intact on sample bottles?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Not present	
Chain of custody present?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Sample Instructions complete on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Chain of Custody signed when relinquished and received?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Chain of custody agrees with sample label(s)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Container labels legible and intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Sample Matrix and properties same as on chain of custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Samples in proper container/bottle?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Samples properly preserved?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Sample bottles intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Preservations documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Containers documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Sufficient sample amount for indicated test?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
All samples received within sufficient hold time?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
VOC samples have zero headspace?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> 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
#25 @ 2' bgs (6A17001-02) Soil									
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	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		97.0 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		86.6 %	70-130		"	"	"	"	
#29 @ 3' bgs (6A17001-06) Soil									
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	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		104 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		92.4 %	70-130		"	"	"	"	
#40 @ 5' bgs (6A17001-07) Soil									
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	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		99.8 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		88.4 %	70-130		"	"	"	"	
#1 @ 1' bgs (6A17001-09) Soil									
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	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		101 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		89.6 %	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 2 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
#26 @ 2' bgs (6A17001-01) Soil									
Chloride	995	20.0	mg/kg	40	EA61708	01/17/06	01/17/06	EPA 300.0	
#25 @ 2' bgs (6A17001-02) Soil									
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	
#35 @ 1' bgs (6A17001-03) Soil									
Chloride	2130	25.0	mg/kg	50	EA61708	01/17/06	01/17/06	EPA 300.0	
#37 @ 5' bgs (6A17001-04) Soil									
Chloride	594	10.0	mg/kg	20	EA61708	01/17/06	01/17/06	EPA 300.0	
#30 @ 3' bgs (6A17001-05) Soil									
Chloride	1410	25.0	mg/kg	50	EA61708	01/17/06	01/17/06	EPA 300.0	
#29 @ 3' bgs (6A17001-06) Soil									
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	
#40 @ 5' bgs (6A17001-07) Soil									
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	
#31 @ 3' bgs (6A17001-08) Soil									
Chloride	1060	25.0	mg/kg	50	EA61708	01/17/06	01/17/06	EPA 300.0	
#1 @ 1' bgs (6A17001-09) Soil									
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
#5 @ 1' bgs (6A17001-10) Soil									
Chloride	867	25.0	mg/kg	50	EA61708	01/17/06	01/17/06	EPA 300.0	
#6 @ 1' bgs (6A17001-11) Soil									
Chloride	594	20.0	mg/kg	40	EA61708	01/17/06	01/17/06	EPA 300.0	
#11 @ 1' bgs (6A17001-12) Soil									
Chloride	688	20.0	mg/kg	40	EA61708	01/17/06	01/17/06	EPA 300.0	
#18 @ 1' bgs (6A17001-13) Soil									
Chloride	334	10.0	mg/kg	20	EA61708	01/17/06	01/17/06	EPA 300.0	
Blend #1 (6A17001-14) Soil									
Chloride	322	10.0	mg/kg	20	EA61708	01/17/06	01/17/06	EPA 300.0	
Blend #2 (6A17001-15) Soil									
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			

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

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 7

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

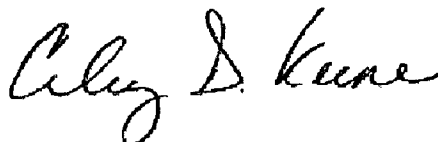
Project: ABO-Apache LA Leak Site
Project Number: None Given
Project Manager: Roy Rascon

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

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
Celey 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

nvironmental Lab of Texas, Inc.

**12600 West I-20 East
Odessa, Texas 79763**

Phone: 915-563-1800
Fax: 915-563-1713

Project Manager:

Company Name

Company Address:

City/State/Zip:

Telephone No:

Sampler Signature:

Project Name: Abd Aqar ALA

Project #:

Project Loc:

PO 第

Fax No: (505) 393-1471

Sampler signature: James Connor

[illegible]

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

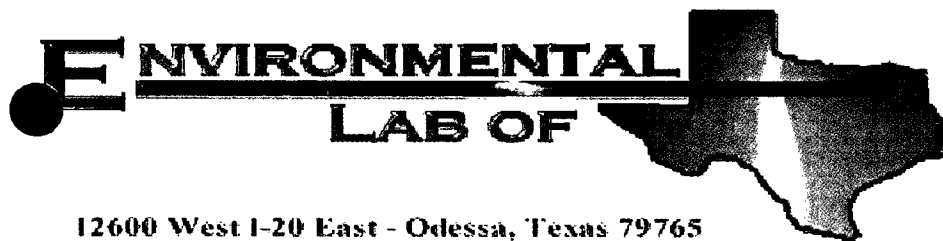
Temperature of container/cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	0,5 C
Shipping container/cooler in good condition?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Custody Seals intact on shipping container/cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not present
Custody Seals intact on sample bottles?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<u>Not present</u>
Chain of custody present?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Sample Instructions complete on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Chain of Custody signed when relinquished and received?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Chain of custody agrees with sample label(s)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Container labels legible and intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Sample Matrix and properties same as on chain of custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Samples in proper container/bottle?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Samples properly preserved?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Sample bottles intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Preservations documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Containers documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Sufficient sample amount for indicated test?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
All samples received within sufficient hold time?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
VOC samples have zero headspace?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> 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
#62@ 1'bgs (6A11001-05) Soil									
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	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		77.8 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		77.4 %	70-130		"	"	"	"	
#14@ 1'bgs (6A11001-08) Soil									
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	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		82.8 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		82.4 %	70-130		"	"	"	"	
#55@ 4'bgs (6A11001-13) Soil									
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	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		79.4 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		78.8 %	70-130		"	"	"	"	
#38@ 5'bgs (6A11001-18) Soil									
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	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		77.6 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		76.8 %	70-130		"	"	"	"	
#61@ 3'bgs (6A11001-22) Soil									
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	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		87.0 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		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.

Page 2 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
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
#75@ 5'bgs (6A11001-26) Soil									
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	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		88.6 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		88.2 %	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.

Page 3 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
#45@ 1'bgs (6A11001-01) Soil									
Chloride	267	10.0	mg/kg	20	EA61303	01/11/06	01/13/06	EPA 300.0	
#54@ 1'bgs (6A11001-02) Soil									
Chloride	1960	50.0	mg/kg	100	EA61303	01/11/06	01/13/06	EPA 300.0	
#27@ 1'bgs (6A11001-03) Soil									
Chloride	756	20.0	mg/kg	40	EA61303	01/11/06	01/13/06	EPA 300.0	
#13@ 1'bgs (6A11001-04) Soil									
Chloride	604	20.0	mg/kg	40	EA61303	01/11/06	01/13/06	EPA 300.0	
#62@ 1'bgs (6A11001-05) Soil									
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	
#9@ 1'bgs (6A11001-06) Soil									
Chloride	1360	20.0	mg/kg	40	EA61303	01/11/06	01/13/06	EPA 300.0	
#57@ 1'bgs (6A11001-07) Soil									
Chloride	1560	25.0	mg/kg	50	EA61303	01/11/06	01/13/06	EPA 300.0	
#14@ 1'bgs (6A11001-08) Soil									
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	
#44@ 1'bgs (6A11001-09) Soil									
Chloride	290	10.0	mg/kg	20	EA61303	01/11/06	01/13/06	EPA 300.0	
#60@ 3'bgs (6A11001-10) Soil									
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
#58@ 5'bgs (6A11001-11) Soil									
Chloride	1720	25.0	mg/kg	50	EA61303	01/11/06	01/13/06	EPA 300.0	
#10@ 1'bgs (6A11001-12) Soil									
Chloride	1240	25.0	mg/kg	50	EA61303	01/11/06	01/13/06	EPA 300.0	
#55@ 4'bgs (6A11001-13) Soil									
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	
#28@ 1'bgs (6A11001-14) Soil									
Chloride	908	20.0	mg/kg	40	EA61303	01/11/06	01/13/06	EPA 300.0	
#52@ 1'bgs (6A11001-15) Soil									
Chloride	625	20.0	mg/kg	40	EA61304	01/12/06	01/13/06	EPA 300.0	
#2@ 1'bgs (6A11001-16) Soil									
Chloride	948	20.0	mg/kg	40	EA61304	01/12/06	01/13/06	EPA 300.0	
#63@ 1'bgs (6A11001-17) Soil									
Chloride	1260	20.0	mg/kg	40	EA61304	01/12/06	01/13/06	EPA 300.0	
#38@ 5'bgs (6A11001-18) Soil									
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	
#33@ 1'bgs (6A11001-19) Soil									
Chloride	1020	20.0	mg/kg	40	EA61304	01/12/06	01/13/06	EPA 300.0	
#53@ 1'bgs (6A11001-20) Soil									
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
#56@ 1'bgs (6A11001-21) Soil									
Chloride	2750	50.0	mg/kg	100	EA61304	01/12/06	01/13/06	EPA 300.0	
#61@ 3'bgs (6A11001-22) Soil									
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	
#26@ 1'bgs (6A11001-23) Soil									
Chloride	754	20.0	mg/kg	40	EA61304	01/12/06	01/13/06	EPA 300.0	
#32@ 1'bgs (6A11001-24) Soil									
Chloride	1960	25.0	mg/kg	50	EA61304	01/12/06	01/13/06	EPA 300.0	
#74@ 5'bgs (6A11001-25) Soil									
Chloride	424	10.0	mg/kg	20	EA61304	01/12/06	01/13/06	EPA 300.0	
#5@ 5'bgs (6A11001-26) Soil									
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	
#59@ 5'bgs (6A11001-27) Soil									
Chloride	1100	20.0	mg/kg	40	EA61304	01/12/06	01/13/06	EPA 300.0	
#9@ 1'bgs (6A11001-28) Soil									
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
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch EA61214 - Solvent Extraction (GC)

Blank (EA61214-BLK1)

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			

LCS (EA61214-BS1)

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			

Calibration Check (EA61214-CCV1)

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			

Matrix Spike (EA61214-MS1)

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			

Matrix Spike Dup (EA61214-MSD1)

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			

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 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 - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch EA61202 - General Preparation (Prep)

Blank (EA61202-BLK1)

Prepared: 01/11/06 Analyzed: 01/12/06

% Solids 100 %

Duplicate (EA61202-DUP1)

Source: 6A10012-01

Prepared: 01/11/06 Analyzed: 01/12/06

% Solids 88.6 % 90.4 2.01 20

Duplicate (EA61202-DUP2)

Source: 6A10016-04

Prepared: 01/11/06 Analyzed: 01/12/06

% Solids 93.3 % 93.6 0.321 20

Duplicate (EA61202-DUP3)

Source: 6A11007-01

Prepared: 01/11/06 Analyzed: 01/12/06

% Solids 96.6 % 97.0 0.413 20

Batch EA61303 - Water Extraction

Blank (EA61303-BLK1)

Prepared: 01/11/06 Analyzed: 01/13/06

Chloride ND 0.500 mg/kg

LCS (EA61303-BS1)

Prepared: 01/11/06 Analyzed: 01/13/06

Chloride 8.58 mg/L 10.0 85.8 80-120

Calibration Check (EA61303-CCV1)

Prepared: 01/11/06 Analyzed: 01/13/06

Chloride 8.75 mg/L 10.0 87.5 80-120

Duplicate (EA61303-DUP1)

Source: 6A10017-01

Prepared: 01/11/06 Analyzed: 01/13/06

Chloride 3850 100 mg/kg 3790 1.57 20

Batch EA61304 - Water Extraction

Blank (EA61304-BLK1)

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

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 9 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

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, Inc.

12600 West I-20 East
Odessa, Texas 79763

Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Ray Rascaron
Company Name: Rice Operating
Company Address: 122 W Taylor
City/State/Zip: Houston NM 83240
Telephone No: 605 393-9174
Fax No: _____
Sampler Signature: [Signature]

Project Name: ADD FUEL FUEL LK
Project #: _____
Project Loc: _____
PO #: _____

FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative					Matrix				Analyze For							
				HNO ₃	HCl	NaOH	H ₂ SO ₄	None	Other (Specify)	Water	Sludge	Soil	Other (Specify)	TPH 478.1	TPH TX 1005/1006	TPH 8015M GRO/RO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/9030
#58 @ 5' bag	1/4/00	11:10	1																	
#10 @ 1' bag	1/6/00	8:40	1																	
#55 @ 4' bag	1/9/00	8:50	1																	
#28 @ 1' bag	1/6/00	2:52	1																	
#52 @ 1' bag	1/5/00	12:45	1																	
#22 @ 1' bag	1/6/00	3:10	1																	
#63 @ 1' bag	1/5/00	12:25	1																	
#38 @ 5' bag	1/4/00	1:40	1																	
#33 @ 1' bag	1/6/00	2:57	1																	
#53 @ 1' bag	1/5/00	12:20	1																	

Special Instructions:

TPH Please do initial first; if nondet, call before continuing

Relinquished by:	Date	Time	Received by:	Date	Time
<u>[Signature]</u>	1/10/00	5:00pm	<u>CP Hymn</u>	1/10	17:00
Relinquished by:	Date	Time	Received by:	Date	Time
<u>CP Hymn</u>	1/11	7:30	<u>Prop Box / Name</u>	1/11/00	8:00

Sample Container intact?
Temperature upon receipt?
Laboratory Comments?

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

Temperature of container/cooler?	Yes	No	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:
