

1R - 427-62

WORK PLANS

DATE:

5-22-07



Highlander Environmental Corp.

Midland, Texas

1R427-62

Workplan

5-22-07

CERTIFIED MAIL

RETURN RECEIPT NO. 7005 1160 0005 3780 6498

May 22, 2007

Mr. Wayne Price
New Mexico Energy, Minerals, & Natural Resources
Oil Conservation Division, Environmental Bureau
1220 S. St. Francis Drive
Santa Fe, New Mexico 87504

RE: **CORRECTIVE ACTION PLAN (CAP)
A-2 RELEASE, EME SWD SYSTEM
UNIT "A", SEC. 2, T20S, R36E
LEA COUNTY, NEW MEXICO**

Mr. Price:

RICE Operating Company (ROC) has retained Highlander Environmental Corp. (Highlander) to address potential environmental concerns at the above-referenced site. ROC is the service provider (agent) for the Eunice Monument Eumont (EME) SWD System and has no ownership of any portion of the pipeline, well, or facility. The System is owned by a consortium of oil producers, System Partners, who provide all operating capital on a percentage ownership/usage basis. Environmental projects of this magnitude require System Partner AFE approval and work begins as funds are received. In general, project funding is not forthcoming until NMOCD approves the work plan. Therefore, your timely review of this submission is requested.

For all environmental projects, ROC will choose a path forward that:

- protects public health,
- provides the greatest net environmental benefit,
- complies with NMOCD Rules, and
- is supported by good science.

Each site shall have three submissions or a combination of:

1. An **Investigation and Characterization Plan** (ICP) is a proposal for data gathering and site characterization and assessment.
2. Upon evaluating the data and results from the ICP, a recommended remedy is submitted in this **Corrective Action Plan** (CAP).

3. Finally, after implementing the remedy, a Closure Report with final documentation will be submitted.

1.0 BACKGROUND & PREVIOUS WORK

On August 26, 2003, a release was discovered, 1055 feet west of the A-2 Junction. According to the form C-141 (Initial) filed with the NMOCD, the release was due to a crack on a 6 inch asbestos/concrete line. An estimated 15 barrels of produced water was released. Regional groundwater information indicated that the depth to groundwater is approximately 50-90 feet below ground surface (bgs).

Initial soil sampling performed in April 2004, indicated residual subsurface chloride impact. On January 2, 2004, a hollow stem auger unit was utilized to conduct one soil boring at the leak source area at the site. Chloride concentrations did not decline with depth, and the site was disclosed to the OCD as a site with potential groundwater impact on January 14, 2004. The soil boring was backfilled with bentonite and drill cuttings.

On July 21, 2006, ROC submitted an ICP to Mr. Wayne Price of the NMOCD-Santa Fe office for review. Mr. Price approved the ICP in a letter dated August 9, 2006.

Between October 10 and October 20, 2006, Highlander personnel were onsite to oversee the installation of three monitor wells (MW-1 through MW-3) within and up and down gradient of the release area. The release area measured approximately 25 feet by 25 feet. Soil samples were collected every 5 feet utilizing a split spoon sampler, and field screened for chlorides. Selected samples were placed into laboratory supplied containers and delivered to the laboratory under chain-of-custody control for chloride analysis by EPA method 300.0. The split spoons were decontaminated between samples with an Alconox© and deionized water wash followed by a deionized water rinse. Copies of laboratory analyses and chain-of-custody documentation are included in Appendix A. The monitor well locations are shown on Figure 2. The soil boring logs and monitor well completion diagrams are included in Appendix B. The results of the sampling are summarized in Table 1.

Referring to Table 1, the subsurface soils in monitor well MW-1 exhibited only slightly elevated chlorides, primarily confined to near surface. Monitor wells had soil concentrations of greater than 250 mg/kg at the saturated zone approximately 40 feet bgs, indicating impact from the regional groundwater.

Following installation of the monitor wells, the wells were gauged and developed by handbailing to remove fine grain sediment disturbed during drilling and to ensure collection of representative groundwater samples. Water removed from the wells was disposed of in the EME SWD system. Upon development of the monitor wells, personnel were onsite November 1, 2006 to collect representative groundwater samples from each of the monitor wells, place the samples within laboratory supplied containers and submit to the laboratory under chain-of-custody control for chloride and BTEX analysis by EPA Method 300.0 and 602/8021B, respectively. The gauging data is summarized in Table 2, while the results of the sampling are summarized in Table 3.



Referring to Table 3, all three monitor wells showed elevated chloride levels ranging from 2,950 mg/L in MW-2 (downgradient) to 4,250 mg/L in MW-3 (upgradient). In addition, TDS ranged from 4,990 mg/L in MW-2 to 7,680 mg/L in MW-3. The BTEX concentrations were below reporting limits for each of the monitor wells. In comparing the chloride concentration analysis data with other water quality in the area, specifically the ROC EME D-1, it appears the chloride concentrations at the site are consistent with regional groundwater in the area. The EME D-1 data indicates the TDS ranges from 7,910 mg/Kg to 12,900 mg/kg in areas located outside the initial release area.

2.0 COLLECTED REGIONAL HYDROGEOLOGIC DATA

Groundwater was encountered at approximately 40 to 41 feet bgs in the three installed monitor wells. The regional groundwater gradient in the area is towards the southeast.

3.0 EVALUATION

When evaluating any proposed remedy or investigative work, ROC will confirm that there is a reasonable relationship between the benefits created by the proposed remedy or assessment and the economic and social costs. In evaluating the documented levels of chlorides within the soil, it was determined that an unconsolidated clay barrier be placed within the impacted zone at an approximate depth of three feet below ground surface (bgs) in order to prevent further vertical migration of the chlorides into the surrounding soils. The remaining three feet above the clay barrier will be backfilled with clean soils and reseeded with native vegetation.

4.0 PROPOSED REMEDY

ROC proposes preparation and revegetation of the surface soils in order to provide an infiltration barrier. See proposed revegetation area on Figure 3. Based on the visual inspection and subsurface drilling, the area of the release to be revegetated is approximately 25 feet by 25 feet. In addition, ROC proposes to continue monitoring the site for a year and submittal of an annual report. Upon completion of the year, the site will be reevaluated for closure.

If you require any additional information or have any questions or comments, please call.

Highlander Environmental Corp.

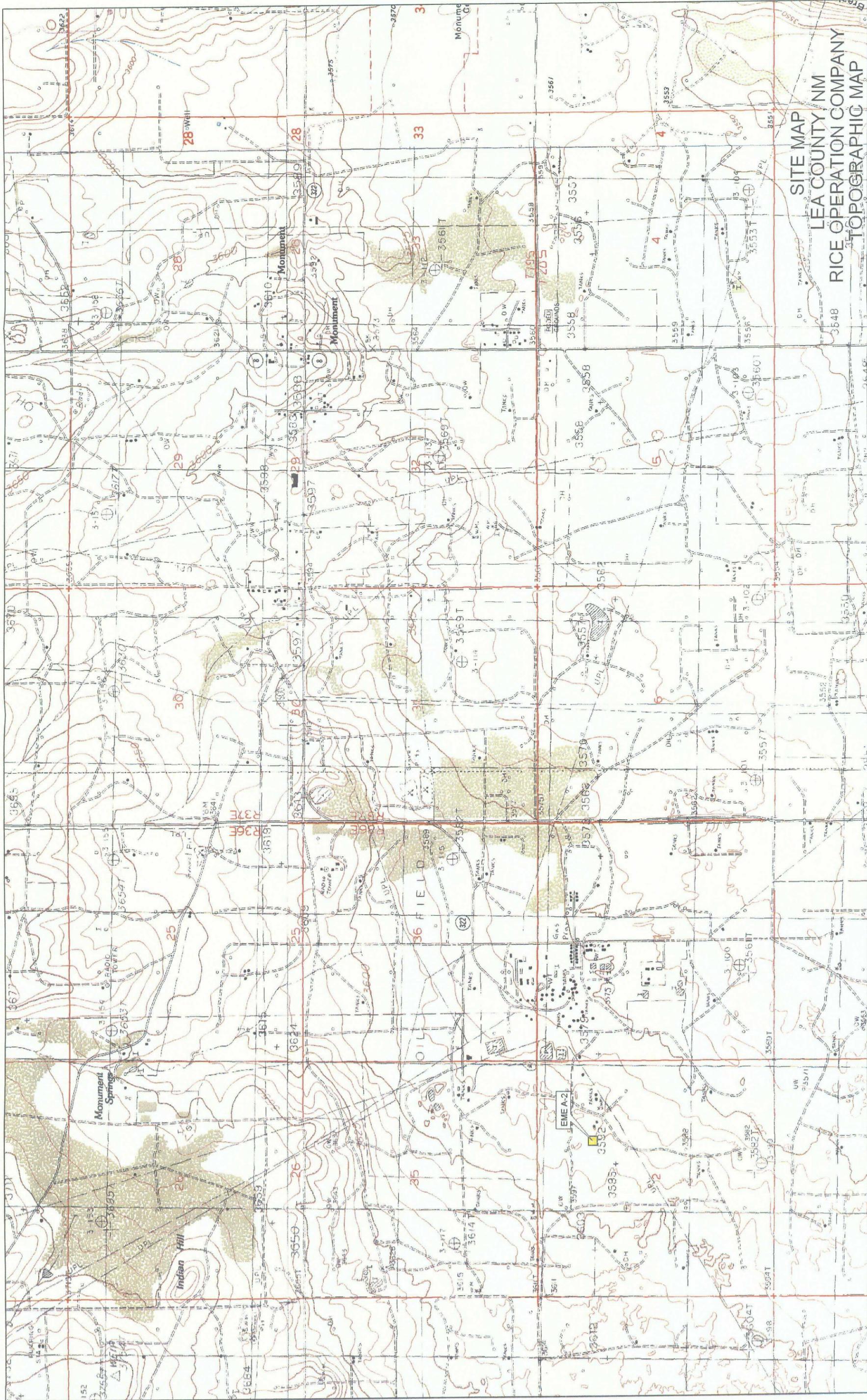
Jeffrey Kindley
Jeffrey Kindley, P.G.
Senior Environmental Geologist

cc: ROC
Edward Hansen-NMOCD

enclosures: site maps, data tables, lab results, figures



FIGURES



SITE MAP
LEA COUNTY NM
RICE OPERATION COMPANY
TOPOGRAPHIC MAP

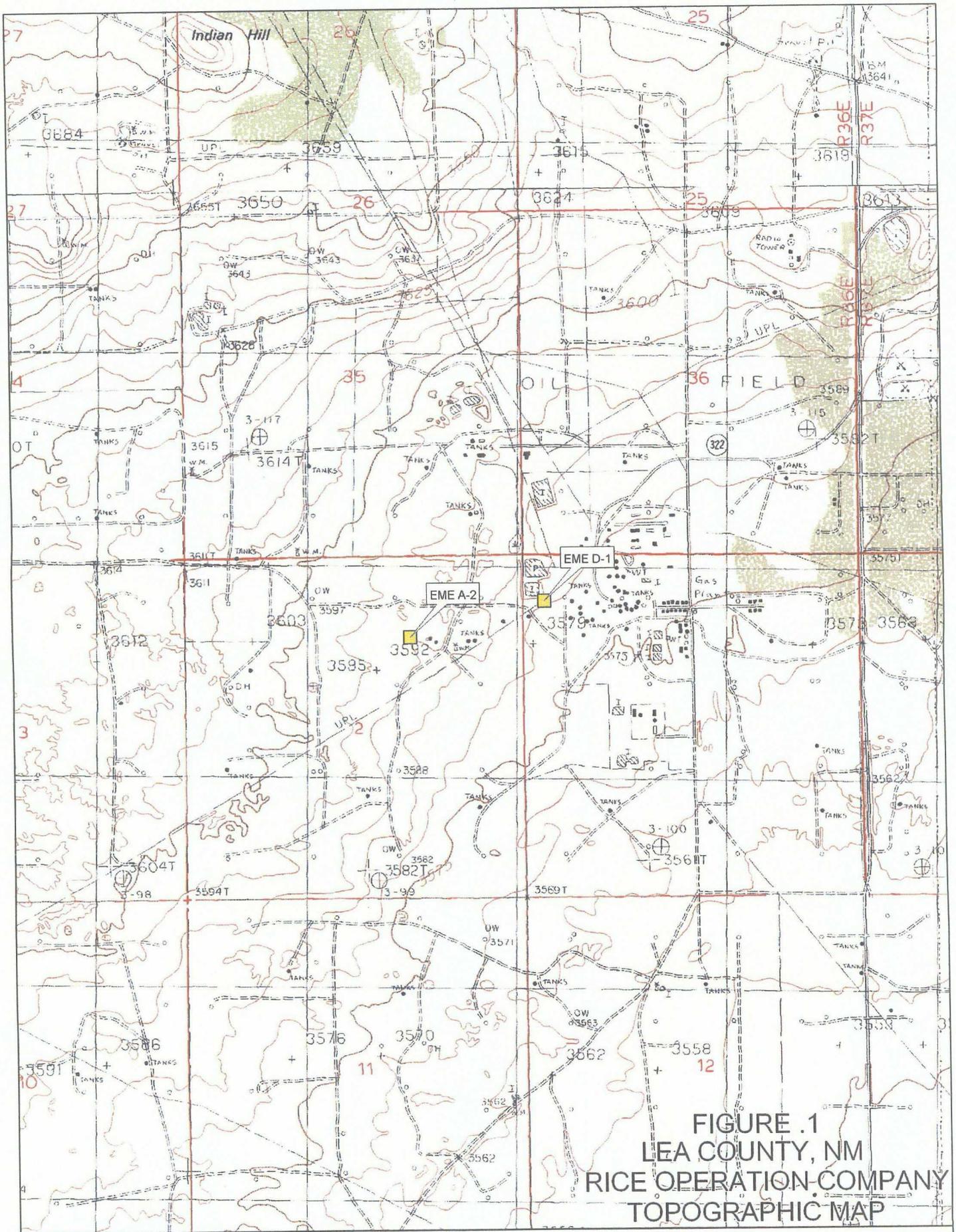
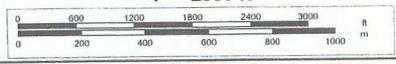


FIGURE .1
LEA COUNTY, NM
RICE OPERATION COMPANY
TOPOGRAPHIC MAP

Scale 1 : 24,000
1" = 2000 ft



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www.delorme.com

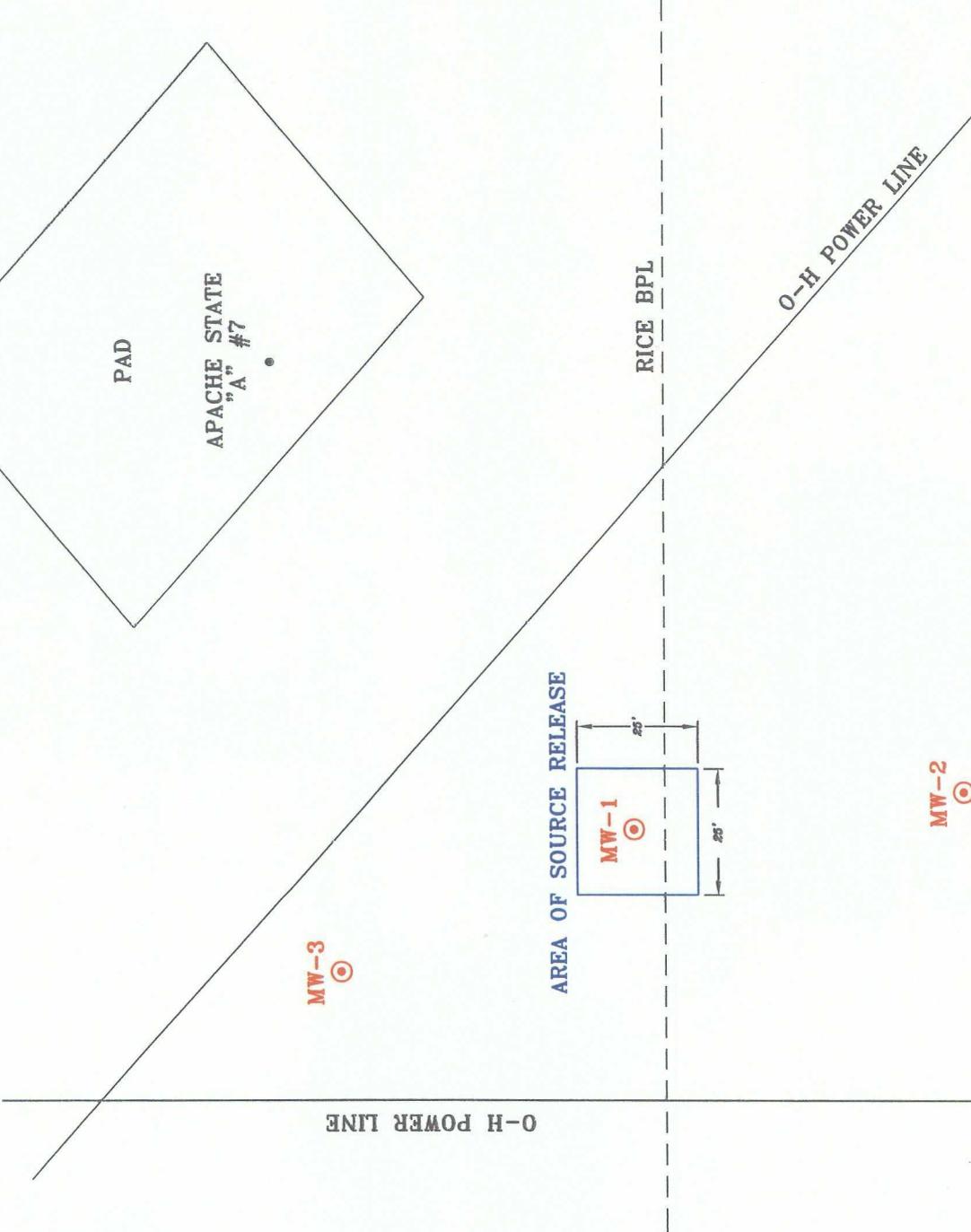
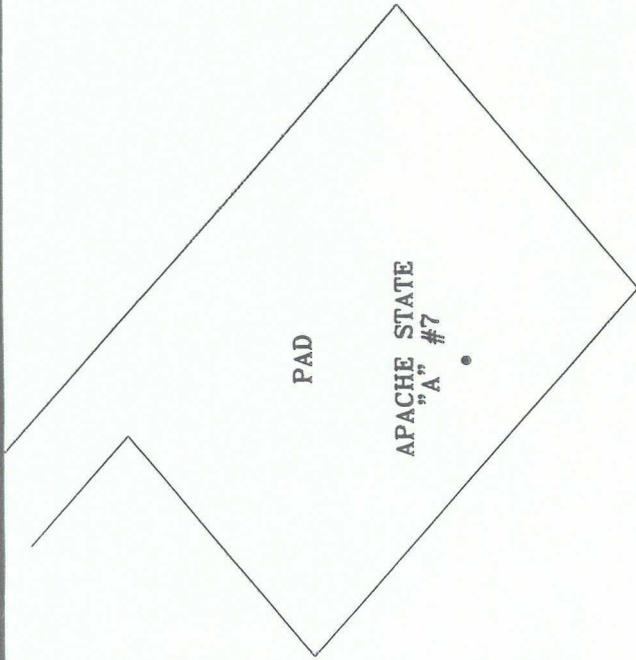


FIGURE NO. 2

LEA COUNTY, NEW MEXICO
 RICE OPERATING COMPANY
 EME A-2 JUNCTION
 MONITOR WELL LOCATIONS
 HIGHLANDER ENVIRONMENTAL CORP.
 MIDLAND, TEXAS

DATE:	3/30/07
DWN. BY:	JJ
FILE:	C:\RICE\2003
SITE MAP	

⊙ MONITOR WELL LOCATIONS

NOT TO SCALE

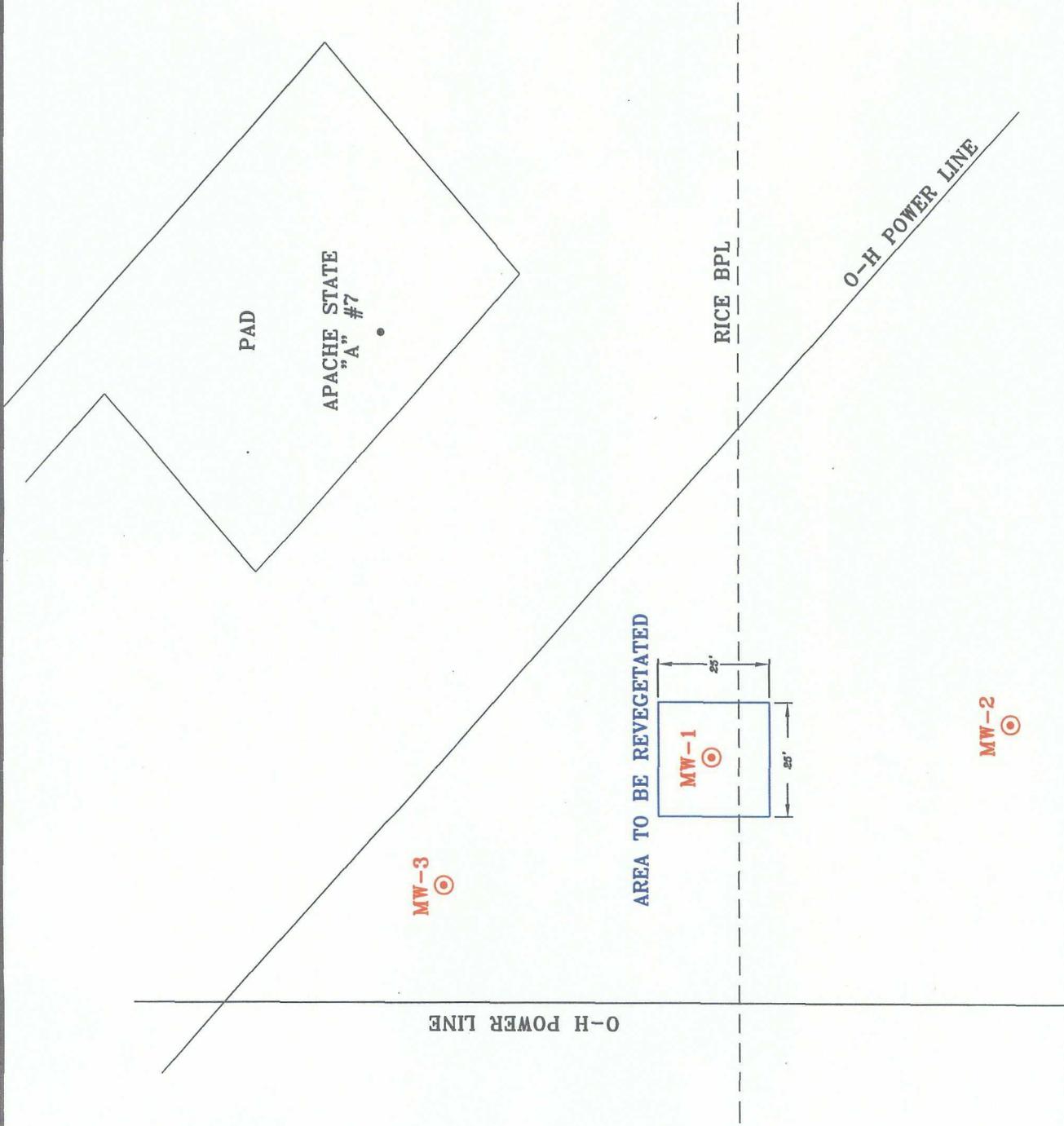


FIGURE NO. 3

LEA COUNTY, NEW MEXICO

RICE OPERATING COMPANY
EME A-2 JUNCTION

PROPOSED REVEGETATION AREA

HIGHLANDER ENVIRONMENTAL CORP.
MIDLAND, TEXAS

DATE: 3/30/07

DRAWN BY: JJ

FILE: EME_A-2_3-30-07
SITE MAP

NOT TO SCALE

⊙ MONITOR WELL LOCATIONS

TABLES

Table 1
 Rice Operating
 Soil Sample Analysis
 EME A-2
 Lea County, New Mexico

Sample ID	Date Sampled	Sample Depth (ft)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	Chlorides Field (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg)		
										C6-C12	C12-C28	C-28-C35
MW-1	10/10/06	3-5'	NA	NA	NA	NA	NA	260	681	NA	NA	NA
MW-1	10/10/06	8-10'	NA	NA	NA	NA	NA	355	149	NA	NA	NA
MW-1	10/10/06	13-15'	NA	NA	NA	NA	NA	436	425	NA	NA	NA
MW-1	10/10/06	18-20'	NA	NA	NA	NA	NA	347	510	NA	NA	NA
MW-1	10/10/06	23-25'	NA	NA	NA	NA	NA	176	85	NA	NA	NA
MW-1	10/10/06	28-30'	NA	NA	NA	NA	NA	227	181	NA	NA	NA
MW-1	10/10/06	33-35'	NA	NA	NA	NA	NA	435	425	NA	NA	NA
MW-1	10/12/06	38-40'	NA	NA	NA	NA	NA	308	425	NA	NA	NA
MW-2	10/20/06	38-40'	NA	NA	NA	NA	NA	224	306	NA	NA	NA
MW-3	10/20/06	38-40'	NA	NA	NA	NA	NA	335	574	NA	NA	NA

Table 2
Rice Operating
Groundwater Gauging Data
EME A-2
Lea County, New Mexico

Monitor Well	Date Gauged	Date of Well Installation	Top of Casing Elevation (ft)	Total Depth of Well (bgs in ft)	Water Level Below TOC (ft)	Groundwater Elevation (ft)
MW-1	11/01/06	10/10/06	3,596.45	54.18	43.74	3552.71
MW-2	11/01/06	10/20/06	3,595.49	54.34	43.08	3552.41
MW-3	11/01/06	10/20/06	3,595.28	55.14	42.34	3552.94

Table 3
Rice Operating
Groundwater Sample Analysis
EME A-2
Lea County, New Mexico

Sample ID	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	Chlorides (mg/L)	Sulfate (mg/L)	TDS (mg/L)
MW-1	11/01/06	<0.001	<0.001	<0.001	<0.001	<0.001	3,820	225	6,650
MW-2	11/01/06	<0.001	<0.001	<0.001	<0.001	<0.001	2,950	241	4,990
MW-3	11/01/06	<0.001	<0.001	<0.001	<0.001	<0.001	4,250	232	7,680

APPENDIX A

SAMPLE LOG

Boring/Well MW-1
Project Number: 2643
Client: Rice Engineering
Site Location: EME A-2
Location: Lea County, New Mexico
Total Depth: 55
Date Installed: 10/10/06

DEPTH (in feet)	OVM	CHLORIDES (in mg/Kg)	SAMPLE DESCRIPTION
3-5	0	260	Tan/buff calcareous fine grain sand
8-10	0	355	Tan/red calcareous fine grain sand
13-15	0	436	Tan/buff calcareous fine grain sand
18-20	0	347	Tan/buff calcareous fine grain sand
23-25	0	176	Tan/red calcareous fine grain sand
28-30	0	227	Tan/red calcareous fine grain sand
33-35	0	435	Tan/red calcareous fine grain sand
38-40	1	308	Tan/brown clayey fine grain sand
43-45	0	348	Tan/brown sandy clay
48-50	0	712	Tan/brown clayey fine grain sand
53-55	0	843	Red fine grain sandy clay

Boring completed at 55 feet bgs Groundwater encountered at 40 feet

SAMPLE LOG

Boring/Well: MW-2
Project Number: 2643
Client: Rice Engineering
Site Location: EME A-2
Location: Lea County, New Mexico
Total Depth: 52
Date Installed: 10/20/06

DEPTH (in feet)	OVM	CHLORIDES (in mg/Kg)	SAMPLE DESCRIPTION
3-5	0	117	Buff fine grain calcareous sand
8-10	0	89	Buff fine grain calcareous sand with limestone intermixed
23-25	0	283	Tan fine grain calcareous sand
28-30	0	251	Tan fine grain calcareous sand
33-35	0	167	Tan fine grain calcareous sand with limestone intermixed
38-40	0	224	Tan fine grain calcareous sand
43-45	0	--	Tan/brown sandy clay
48-50	0	--	Tan fine grain sandy clay (wet)
53-55	0	843	Red fine grain sandy clay becoming red clay

Boring completed at 52 feet bgs Groundwater encountered at 41 feet

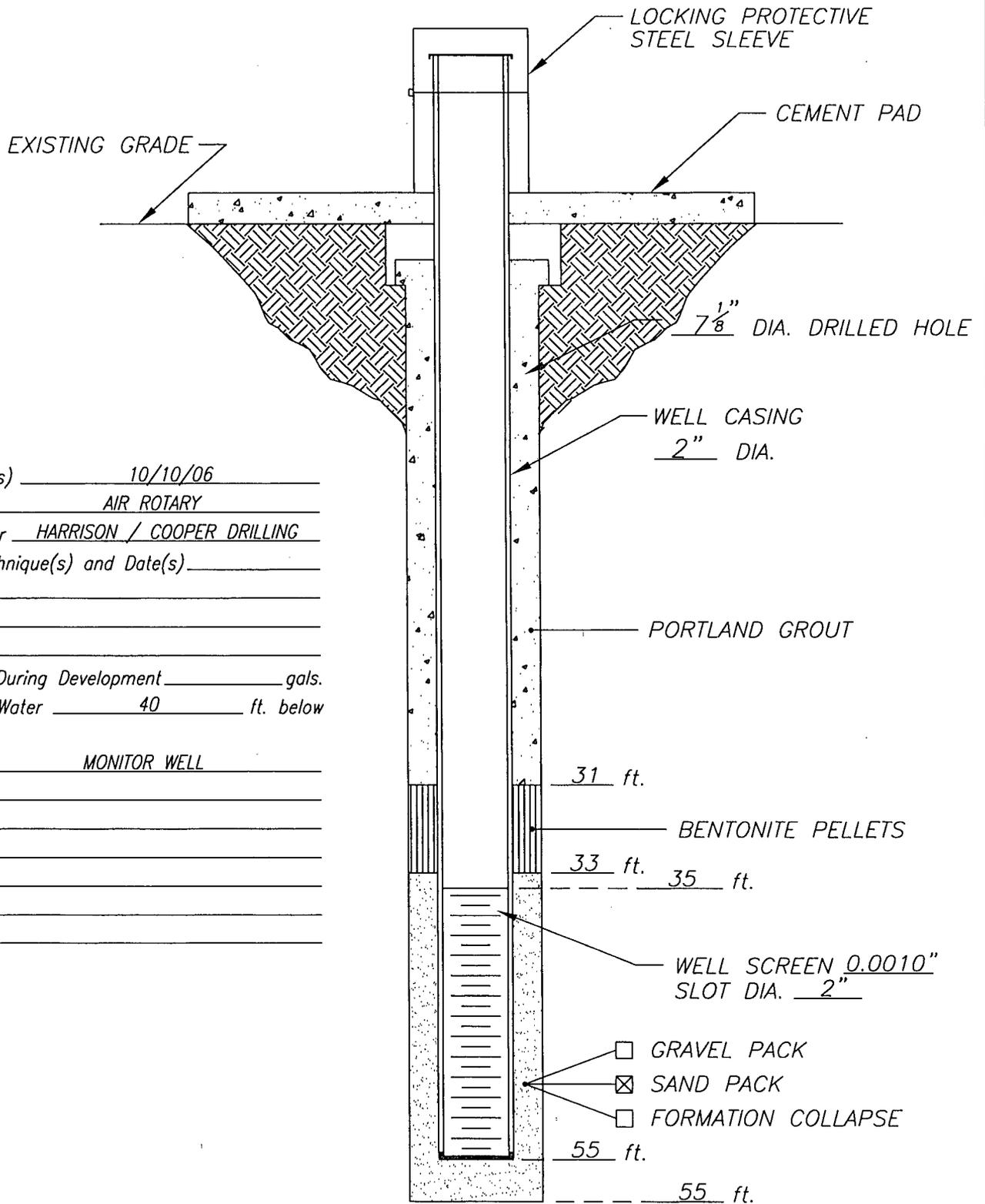
SAMPLE LOG

Boring/Well: MW-3
Project Number: 2643
Client: Rice Engineering
Site Location: EME A-2
Location: Lea County, New Mexico
Total Depth: 52
Date Installed: 10/20/06

DEPTH (in feet)	OVM	CHLORIDES (in mg/Kg)	SAMPLE DESCRIPTION
3-5	1	553	Buff tan fine grain sandy limestone
8-10	2	449	Tan fine grain calcareous sand
13-15	0	965	Buff fine grain sandy limestone
18-20	1	545	Tan fine grain calcareous sand
23-25	1	253	Tan fine grain calcareous sand
28-30	3	240	Tan fine grain calcareous sand
33-35	2	282	Tan fine grain calcareous sand with clay intermixed
38-40	4	335	Tan clay with small amounts of sand
43-45	0	--	Tan fine grain sandy clay (wet)
48-50	0	--	Tan fine grain sandy clay (wet)

Boring completed at 52 feet bgs Groundwater encountered at 40 feet

WELL CONSTRUCTION LOG



Installation Date(s) 10/10/06
 Drilling Method AIR ROTARY
 Drilling Contractor HARRISON / COOPER DRILLING
 Development Technique(s) and Date(s) _____

Water Removed During Development _____ gals.
 Static Depth to Water 40 ft. below
 Ground Level
 Well Purpose MONITOR WELL

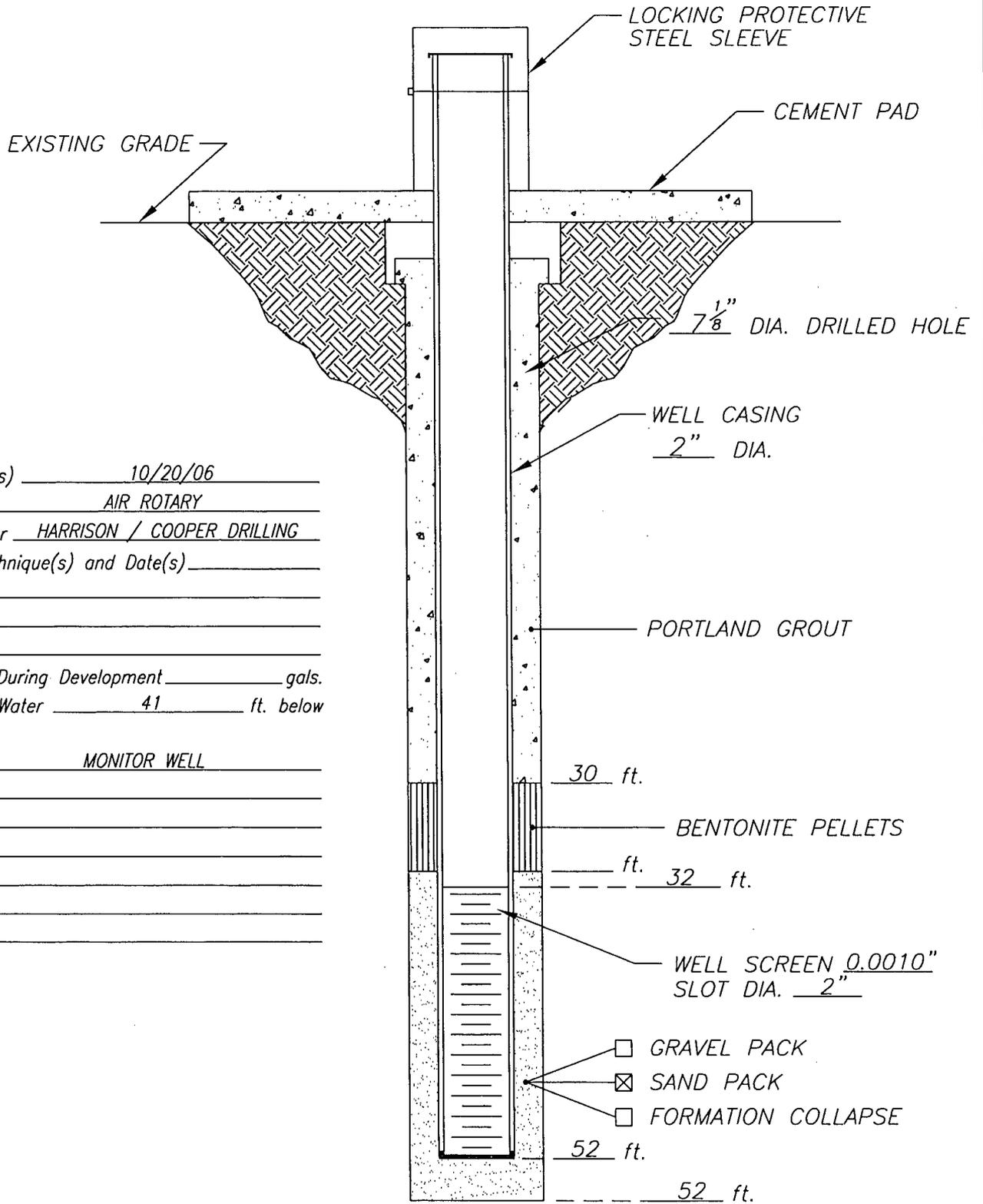
Remarks _____

DATE: 11/9/06
**Highlander
Environmental**

CLIENT: RICE OPERATING
 PROJECT: EME A-2
 LOCATION: LEA COUNTY, NEW MEXICO

WELL NO.
MW-1

WELL CONSTRUCTION LOG



Installation Date(s) 10/20/06
 Drilling Method AIR ROTARY
 Drilling Contractor HARRISON / COOPER DRILLING
 Development Technique(s) and Date(s) _____

Water Removed During Development _____ gals.
 Static Depth to Water 41 ft. below
 Ground Level
 Well Purpose MONITOR WELL

Remarks _____

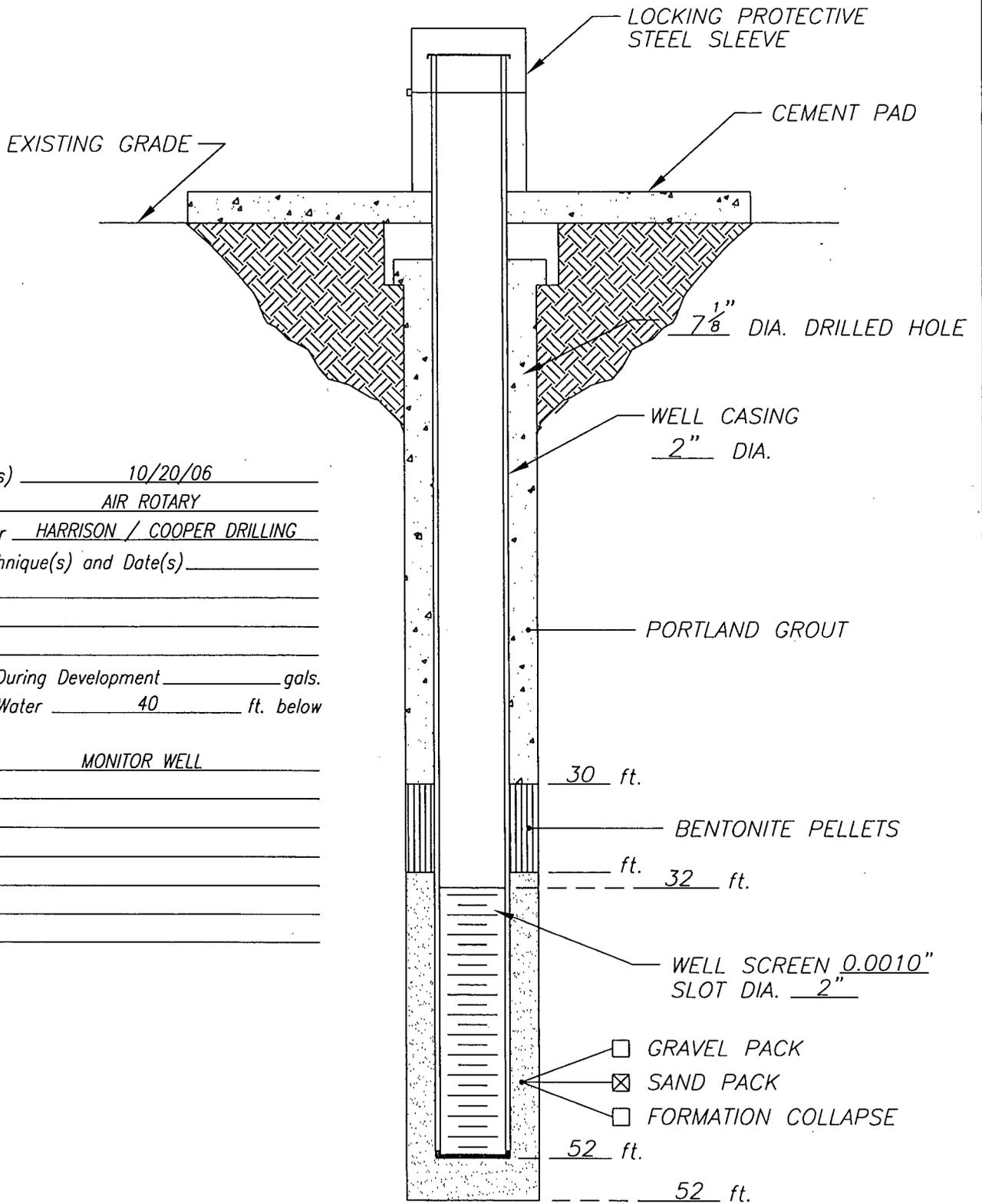
DATE: 11/9/06

**Highlander
Environmental**

CLIENT: RICE OPERATING
 PROJECT: EME A-2
 LOCATION: LEA COUNTY, NEW MEXICO

WELL NO.
 MW-2

WELL CONSTRUCTION LOG



Installation Date(s) 10/20/06
 Drilling Method AIR ROTARY
 Drilling Contractor HARRISON / COOPER DRILLING
 Development Technique(s) and Date(s) _____

Water Removed During Development _____ gals.
 Static Depth to Water 40 ft. below
 Ground Level
 Well Purpose MONITOR WELL

Remarks _____

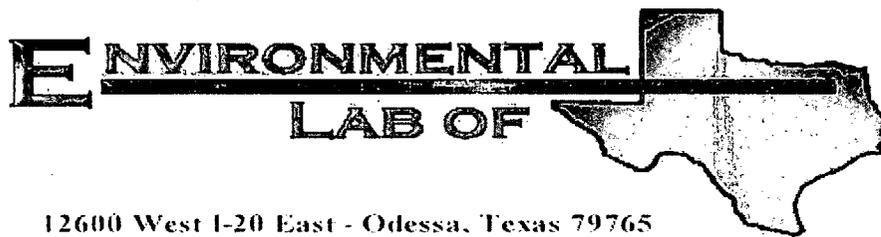
DATE: 11/9/06

**Highlander
Environmental**

CLIENT: RICE OPERATING
 PROJECT: EME A-2
 LOCATION: LEA COUNTY, NEW MEXICO

WELL NO.
 MW-3

APPENDIX B



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Tim Reed

Highlander Environmental Corp.

1910 N. Big Spring St.

Midland, TX 79705

Project: Rice/ A-2

Project Number: None Given

Location: None Given

Lab Order Number: 6J13018

Report Date: 10/23/06

Highlander Environmental Corp.
1910 N. Big Spring St.
Midland TX, 79705

Project: Rice/ A-2
Project Number: None Given
Project Manager: Tim Reed

Fax: (432) 682-3946

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1 3-5'	6J13018-01	Soil	10/10/06 00:00	10-13-2006 16:20
MW-1 8-10'	6J13018-02	Soil	10/10/06 00:00	10-13-2006 16:20
MW-1 13-15'	6J13018-03	Soil	10/10/06 00:00	10-13-2006 16:20
MW-1 18-20'	6J13018-04	Soil	10/10/06 00:00	10-13-2006 16:20
MW-1 23-25'	6J13018-05	Soil	10/10/06 00:00	10-13-2006 16:20
MW-1 28-30'	6J13018-06	Soil	10/10/06 00:00	10-13-2006 16:20
MW-1 33-35'	6J13018-07	Soil	10/10/06 00:00	10-13-2006 16:20
MW-1 38-40'	6J13018-08	Soil	10/10/06 00:00	10-13-2006 16:20

Highlander Environmental Corp.
1910 N. Big Spring St.
Midland TX, 79705

Project: Rice/ A-2
Project Number: None Given
Project Manager: Tim Reed

Fax: (432) 682-3946

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 3-5' (6J13018-01) Soil									
Chloride	681	20.0	mg/kg Wet	2	EJ62018	10/20/06	10/22/06	SW 846 9253	
MW-1 8-10' (6J13018-02) Soil									
Chloride	149	20.0	mg/kg Wet	2	EJ62018	10/20/06	10/22/06	SW 846 9253	
MW-1 13-15' (6J13018-03) Soil									
Chloride	425	20.0	mg/kg Wet	2	EJ62018	10/20/06	10/22/06	SW 846 9253	
MW-1 18-20' (6J13018-04) Soil									
Chloride	510	20.0	mg/kg Wet	2	EJ62018	10/20/06	10/22/06	SW 846 9253	
MW-1 23-25' (6J13018-05) Soil									
Chloride	85.1	20.0	mg/kg Wet	2	EJ62018	10/20/06	10/22/06	SW 846 9253	
MW-1 28-30' (6J13018-06) Soil									
Chloride	181	20.0	mg/kg Wet	2	EJ62018	10/20/06	10/22/06	SW 846 9253	
MW-1 33-35' (6J13018-07) Soil									
Chloride	425	20.0	mg/kg Wet	2	EJ62018	10/20/06	10/22/06	SW 846 9253	
MW-1 38-40' (6J13018-08) Soil									
Chloride	425	20.0	mg/kg Wet	2	EJ62018	10/20/06	10/22/06	SW 846 9253	

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

Highlander Environmental Corp.
 1910 N. Big Spring St.
 Midland TX, 79705

Project: Rice/ A-2
 Project Number: None Given
 Project Manager: Tim Reed

Fax: (432) 682-3946

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 EJ62018 - Water Extraction										
Blank (EJ62018-BLK1) Prepared: 10/20/06 Analyzed: 10/22/06										
Chloride	ND	20.0	mg/kg Wet							
LCS (EJ62018-BS1) Prepared: 10/20/06 Analyzed: 10/22/06										
Chloride	93.6	5.00	mg/kg Wet	100		93.6	80-120			
Matrix Spike (EJ62018-MS1) Source: 6J13018-01 Prepared: 10/20/06 Analyzed: 10/22/06										
Chloride	1190	20.0	mg/kg Wet	500	681	102	80-120			
Matrix Spike Dup (EJ62018-MSD1) Source: 6J13018-01 Prepared: 10/20/06 Analyzed: 10/22/06										
Chloride	1210	20.0	mg/kg Wet	500	681	106	80-120	1.67	20	
Reference (EJ62018-SRM1) Prepared: 10/20/06 Analyzed: 10/22/06										
Chloride	51.0		mg/kg	50.0		102	80-120			

Highlander Environmental Corp.
1910 N. Big Spring St.
Midland TX, 79705

Project: Rice/ A-2
Project Number: None Given
Project Manager: Tim Reed

Fax: (432) 682-3946

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: _____

10/23/2006

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.

Analysis Request and Chain of Custody Record

HIGHLANDER ENVIRONMENTAL CORP.
 1910 N. Big Spring St.
 Midland, Texas 79705

(432) 682-4559

Fax (432) 682-3946

CLIENT NAME: Rate Engineering SITE MANAGER: Tim Reid

PROJECT NO.: _____ PROJECT NAME: A-2

LAB I.D. NUMBER	DATE	TIME	MATRIX	COMP.	GRAB	SAMPLE IDENTIFICATION	PRESERVATIVE METHOD				NUMBER OF CONTAINERS	FILTERED (Y/N)	RCI	TCM Vol. 8240/8280/824	TCM Semi. Vol. 8270/825	PCB's 8080/808	Pest. 808/808	HDD, YSS, PH, TDS, Chloride	Gamma Spec.	Alpha Beta (Air)	Pb (Asbestos)	
							HCL	HNO3	ICE	NONE												
01	10/15/06	10:15	S			MW-1 (3-5)			1													
02	10/15/06	10:15	S			MW-1 (8-10)			1													
03	10/15/06	10:15	S			MW-1 (13-15)			1													
04	10/15/06	10:15	S			MW-1 (18-20)			1													
05	10/15/06	10:15	S			MW-1 (23-25)			1													
06	10/15/06	10:15	S			MW-1 (25-30)			1													
07	10/15/06	10:15	S			MW-1 (33-35)			1													
08	10/15/06	10:15	S			MW-1 (38-40)			1													

REQUISITIONED BY: (Signature) _____ Date: 10/15/06 Time: 10:15
 RECEIVED BY: (Signature) _____ Date: _____ Time: _____
 REQUISITIONED BY: (Signature) _____ Date: 10/15/06 Time: 10:20
 RECEIVED BY: (Signature) _____ Date: _____ Time: _____
 REQUISITIONED BY: (Signature) _____ Date: _____ Time: _____
 RECEIVED BY: (Signature) _____ Date: _____ Time: _____
 RECEIVING LABORATORY: Environmental Laboratory DATE: 10/15/06 TIME: 10:20
 ADDRESS: _____ STATE: TX ZIP: _____
 CONTACT: _____ PHONE: _____
 MATRIX: W-Water A-Air SD-Solid SI-Sludge O-Other
 SAMPLE CONDITION WHEN RECEIVED: 20 ml
 REMARKS: _____
 SIGNATURE: Tim Reid

Please fill out all copies - Laboratory retains yellow copy - Return original copy to Highlander Environmental Corp. - Project Manager retains pink copy - Accounting receives gold copy.

ANALYSIS REQUEST
 (Circle or Specify Method No.)

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

Client: Highlander
 Date/ Time: 10/13/06 4:20
 Lab ID #: 10513018
 Initials: OK

Sample Receipt Checklist

				Client Initials	
#1	Temperature of container/ cooler?	Yes	No	3.0	° C
#2	Shipping container in good condition?	Yes	No		
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present	
#4	Custody Seals intact on sample bottles/ container?	Yes	No	Not Present	
#5	Chain of Custody present?	Yes	No		
#6	Sample instructions complete of Chain of Custody?	Yes	No		
#7	Chain of Custody signed when relinquished/ received?	Yes	No		
#8	Chain of Custody agrees with sample label(s)?	Yes	No	ID written on Cont./ Lid	
#9	Container label(s) legible and intact?	Yes	No	Not Applicable	
#10	Sample matrix/ properties agree with Chain of Custody?	Yes	No		
#11	Containers supplied by ELOT?	Yes	No		
#12	Samples in proper container/ bottle?	Yes	No	See Below	
#13	Samples properly preserved?	Yes	No	See Below	
#14	Sample bottles intact?	Yes	No		
#15	Preservations documented on Chain of Custody?	Yes	No		
#16	Containers documented on Chain of Custody?	Yes	No		
#17	Sufficient sample amount for indicated test(s)?	Yes	No	See Below	
#18	All samples received within sufficient hold time?	Yes	No	See Below	
#19	VOC samples have zero headspace?	Yes	No	Not Applicable	

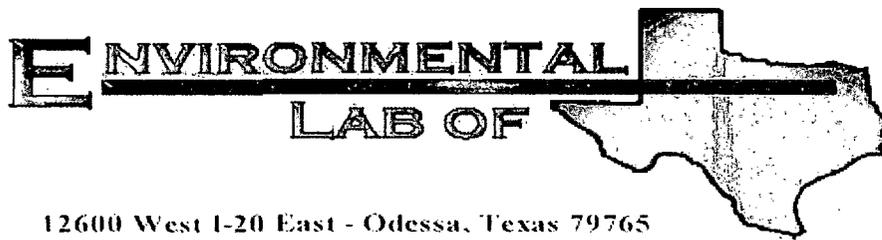
Variance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken: _____

- Check all that Apply:
- See attached e-mail/ fax
 - Client understands and would like to proceed with analysis
 - Cooling process had begun shortly after sampling event



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Tim Reed

Highlander Environmental Corp.

1910 N. Big Spring St.

Midland, TX 79705

Project: Rice/ A-2

Project Number: None Given

Location: None Given

Lab Order Number: 6J20015

Report Date: 10/25/06

Highlander Environmental Corp.
1910 N. Big Spring St.
Midland TX, 79705

Project: Rice/ A-2
Project Number: None Given
Project Manager: Tim Reed

Fax: (432) 682-3946

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2 38-40	6J20015-01	Soil	10/20/06 00:00	10-20-2006 15:10
MW-3 38-40	6J20015-02	Soil	10/20/06 00:00	10-20-2006 15:10

Highlander Environmental Corp.
1910 N. Big Spring St.
Midland TX, 79705

Project: Rice/ A-2
Project Number: None Given
Project Manager: Tim Reed

Fax: (432) 682-3946

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 38-40 (6J20015-01) Soil									
Chloride	306	20.0	mg/kg Wet	2	EJ62505	10/24/06	10/25/06	SW 846 9253	
MW-3 38-40 (6J20015-02) Soil									
Chloride	574	20.0	mg/kg Wet	2	EJ62505	10/24/06	10/25/06	SW 846 9253	

Highlander Environmental Corp.
1910 N. Big Spring St.
Midland TX, 79705

Project: Rice/ A-2
Project Number: None Given
Project Manager: Tim Reed

Fax: (432) 682-3946

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 EJ62505 - Water Extraction										
Blank (EJ62505-BLK1) Prepared: 10/24/06 Analyzed: 10/25/06										
Chloride	ND	20.0	mg/kg Wet							
LCS (EJ62505-BS1) Prepared: 10/24/06 Analyzed: 10/25/06										
Chloride	92.5	5.00	mg/kg Wet	100		92.5	80-120			
Matrix Spike (EJ62505-MS1) Source: 6J19027-01 Prepared: 10/24/06 Analyzed: 10/25/06										
Chloride	500	20.0	mg/kg Wet	500	0.00	100	80-120			
Matrix Spike Dup (EJ62505-MSD1) Source: 6J19027-01 Prepared: 10/24/06 Analyzed: 10/25/06										
Chloride	510	20.0	mg/kg Wet	500	0.00	102	80-120	1.98	20	
Reference (EJ62505-SRM1) Prepared: 10/24/06 Analyzed: 10/25/06										
Chloride	51.0		mg/kg	50.0		102	80-120			

Highlander Environmental Corp.
1910 N. Big Spring St.
Midland TX, 79705

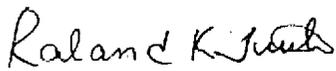
Project: Rice/ A-2
Project Number: None Given
Project Manager: Tim Reed

Fax: (432) 682-3946

Notes and Definitions

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

Report Approved By:



Date:

10/25/2006

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: Highlander
 Date/ Time: 10/20/06 15:10
 Lab ID #: 6520015
 Initials: OK

Sample Receipt Checklist

				Client Initials
1	Temperature of container/ cooler?	Yes	No	3.0 °C
2	Shipping container in good condition?	Yes	No	
3	Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present
4	Custody Seals intact on sample bottles/ container?	Yes	No	Not Present
5	Chain of Custody present?	Yes	No	
6	Sample instructions complete of Chain of Custody?	Yes	No	
7	Chain of Custody signed when relinquished/ received?	Yes	No	
8	Chain of Custody agrees with sample label(s)?	Yes	No	ID written on Cont./ Lid
9	Container label(s) legible and intact?	Yes	No	Not Applicable
10	Sample matrix/ properties agree with Chain of Custody?	Yes	No	
11	Containers supplied by ELOT?	Yes	No	
12	Samples in proper container/ bottle?	Yes	No	See Below
13	Samples properly preserved?	Yes	No	See Below
14	Sample bottles intact?	Yes	No	
15	Preservations documented on Chain of Custody?	Yes	No	
16	Containers documented on Chain of Custody?	Yes	No	
17	Sufficient sample amount for indicated test(s)?	Yes	No	See Below
18	All samples received within sufficient hold time?	Yes	No	See Below
19	VOC samples have zero headspace?	Yes	No	Not Applicable

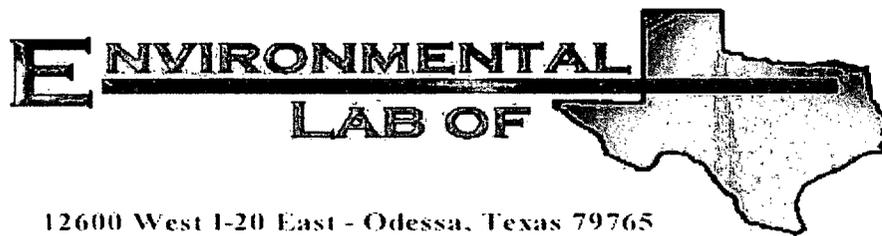
Variance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken: _____

- Check all that Apply:
- See attached e-mail/ fax
 - Client understands and would like to proceed with analysis
 - Cooling process had begun shortly after sampling event



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Kristin Farris-Pope

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: EME A-2 Leak

Project Number: None Given

Location: T20S, R36E, Sec.2 A- Lea County, NM

Lab Order Number: 6K03013

Report Date: 11/17/06

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

Project: EME A-2 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Monitor Well #1	6K03013-01	Water	11/01/06 08:35	11-03-2006 11:45
Monitor Well #2	6K03013-02	Water	11/01/06 10:35	11-03-2006 11:45
Monitor Well #3	6K03013-03	Water	11/01/06 09:40	11-03-2006 11:45

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

Project: EME A-2 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6K03013-01) Water									
Benzene	ND	0.00100	mg/L	1	EK60807	11/08/06	11/08/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		84.8 %	80-120	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		83.2 %	80-120	"	"	"	"	"	
Monitor Well #2 (6K03013-02) Water									
Benzene	ND	0.00100	mg/L	1	EK60807	11/08/06	11/09/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		83.5 %	80-120	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		95.8 %	80-120	"	"	"	"	"	
Monitor Well #3 (6K03013-03) Water									
Benzene	ND	0.00100	mg/L	1	EK60807	11/08/06	11/09/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		90.0 %	80-120	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		102 %	80-120	"	"	"	"	"	

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

Project: EME A-2 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6K03013-01) Water									
Total Alkalinity	188	2.00	mg/L	1	EK60711	11/07/06	11/07/06	EPA 310.1M	
Chloride	3820	50.0	"	100	EK60602	11/06/06	11/06/06	EPA 300.0	
Total Dissolved Solids	6650	10.0	"	1	EK60913	11/03/06	11/06/06	EPA 160.1	
Sulfate	225	50.0	"	100	EK60602	11/06/06	11/06/06	EPA 300.0	
Monitor Well #2 (6K03013-02) Water									
Total Alkalinity	222	2.00	mg/L	1	EK60711	11/07/06	11/07/06	EPA 310.1M	
Chloride	2950	50.0	"	100	EK60602	11/06/06	11/06/06	EPA 300.0	
Total Dissolved Solids	4990	10.0	"	1	EK60913	11/03/06	11/06/06	EPA 160.1	
Sulfate	241	50.0	"	100	EK60602	11/06/06	11/06/06	EPA 300.0	
Monitor Well #3 (6K03013-03) Water									
Total Alkalinity	198	2.00	mg/L	1	EK60711	11/07/06	11/07/06	EPA 310.1M	
Chloride	4250	50.0	"	100	EK60602	11/06/06	11/06/06	EPA 300.0	
Total Dissolved Solids	7680	10.0	"	1	EK60913	11/03/06	11/06/06	EPA 160.1	
Sulfate	232	50.0	"	100	EK60602	11/06/06	11/06/06	EPA 300.0	

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

Project: EME A-2 Leak
 Project Number: None Given
 Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

**Total Metals by EPA / Standard Methods
 Environmental Lab of Texas**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6K03013-01) Water									
Calcium	1190	20.2	mg/L	250	EK60712	11/07/06	11/07/06	EPA 6010B	
Magnesium	394	3.60	"	100	"	"	"	"	
Potassium	18.7	0.600	"	10	"	"	"	"	
Sodium	1090	4.30	"	100	"	"	"	"	
Monitor Well #2 (6K03013-02) Water									
Calcium	756	20.2	mg/L	250	EK60712	11/07/06	11/07/06	EPA 6010B	
Magnesium	265	9.00	"	"	"	"	"	"	
Potassium	17.4	0.600	"	10	"	"	"	"	
Sodium	1110	10.8	"	250	"	"	"	"	
Monitor Well #3 (6K03013-03) Water									
Calcium	1170	20.2	mg/L	250	EK60712	11/07/06	11/07/06	EPA 6010B	
Magnesium	414	3.60	"	100	"	"	"	"	
Potassium	22.0	0.600	"	10	"	"	"	"	
Sodium	1060	10.8	"	250	"	"	"	"	

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

Project: EME A-2 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

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
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Batch EK60807 - EPA 5030C (GC)

Blank (EK60807-BLK1)

Prepared & Analyzed: 11/08/06

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00100	"							
Xylene (o)	ND	0.00100	"							
Surrogate: a,a,a-Trifluorotoluene	39.7		ug/l	40.0		99.2	80-120			
Surrogate: 4-Bromofluorobenzene	36.0		"	40.0		90.0	80-120			

LCS (EK60807-BS1)

Prepared & Analyzed: 11/08/06

Benzene	0.0505	0.00100	mg/L	0.0500		101	80-120			
Toluene	0.0455	0.00100	"	0.0500		91.0	80-120			
Ethylbenzene	0.0450	0.00100	"	0.0500		90.0	80-120			
Xylene (p/m)	0.0963	0.00100	"	0.100		96.3	80-120			
Xylene (o)	0.0469	0.00100	"	0.0500		93.8	80-120			
Surrogate: a,a,a-Trifluorotoluene	36.7		ug/l	40.0		91.8	80-120			
Surrogate: 4-Bromofluorobenzene	42.3		"	40.0		106	80-120			

Calibration Check (EK60807-CCV1)

Prepared: 11/08/06 Analyzed: 11/09/06

Benzene	53.7		ug/l	50.0		107	80-120			
Toluene	46.9		"	50.0		93.8	80-120			
Ethylbenzene	48.0		"	50.0		96.0	80-120			
Xylene (p/m)	93.1		"	100		93.1	80-120			
Xylene (o)	45.8		"	50.0		91.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	41.4		"	40.0		104	80-120			
Surrogate: 4-Bromofluorobenzene	35.5		"	40.0		88.8	80-120			

Matrix Spike (EK60807-MS1)

Source: 6K03002-01

Prepared: 11/08/06 Analyzed: 11/09/06

Benzene	0.0549	0.00100	mg/L	0.0500	ND	110	80-120			
Toluene	0.0474	0.00100	"	0.0500	ND	94.8	80-120			
Ethylbenzene	0.0462	0.00100	"	0.0500	ND	92.4	80-120			
Xylene (p/m)	0.0939	0.00100	"	0.100	ND	93.9	80-120			
Xylene (o)	0.0451	0.00100	"	0.0500	ND	90.2	80-120			
Surrogate: a,a,a-Trifluorotoluene	39.5		ug/l	40.0		98.8	80-120			
Surrogate: 4-Bromofluorobenzene	37.4		"	40.0		93.5	80-120			

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: EME A-2 Leak
 Project Number: None Given
 Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

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 EK60807 - EPA 5030C (GC)										
Matrix Spike Dup (EK60807-MSD1)										
		Source: 6K03002-01			Prepared: 11/08/06		Analyzed: 11/09/06			
Benzene	0.0554	0.00100	mg/L	0.0500	ND	111	80-120	0.905	20	
Toluene	0.0504	0.00100	"	0.0500	ND	101	80-120	6.33	20	
Ethylbenzene	0.0472	0.00100	"	0.0500	ND	94.4	80-120	2.14	20	
Xylene (p/m)	0.105	0.00100	"	0.100	ND	105	80-120	11.2	20	
Xylene (o)	0.0521	0.00100	"	0.0500	ND	104	80-120	14.2	20	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>39.4</i>		<i>ug/l</i>	<i>40.0</i>		<i>98.5</i>	<i>80-120</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>42.5</i>		<i>"</i>	<i>40.0</i>		<i>106</i>	<i>80-120</i>			

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

Project: EME A-2 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

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 EK60602 - General Preparation (WetChem)										
Blank (EK60602-BLK1) Prepared & Analyzed: 11/06/06										
Chloride	ND	0.500	mg/L							
Sulfate	ND	0.500	"							
LCS (EK60602-BS1) Prepared & Analyzed: 11/06/06										
Sulfate	9.30	0.500	mg/L	10.0		93.0	80-120			
Chloride	10.2	0.500	"	10.0		102	80-120			
Calibration Check (EK60602-CCV1) Prepared & Analyzed: 11/06/06										
Chloride	10.0		mg/L	10.0		100	80-120			
Sulfate	10.9		"	10.0		109	80-120			
Duplicate (EK60602-DUP1) Source: 6K03002-01 Prepared & Analyzed: 11/06/06										
Sulfate	508	5.00	mg/L		511			0.589	20	
Chloride	45.8	5.00	"		45.4			0.877	20	
Duplicate (EK60602-DUP2) Source: 6K03008-04 Prepared & Analyzed: 11/06/06										
Chloride	44.5	5.00	mg/L		44.2			0.676	20	
Sulfate	116	5.00	"		115			0.866	20	
Matrix Spike (EK60602-MS1) Source: 6K03002-01 Prepared & Analyzed: 11/06/06										
Chloride	148	5.00	mg/L	100	45.4	103	80-120			
Sulfate	613	5.00	"	100	511	102	80-120			
Matrix Spike (EK60602-MS2) Source: 6K03008-04 Prepared & Analyzed: 11/06/06										
Chloride	150	5.00	mg/L	100	44.2	106	80-120			
Sulfate	214	5.00	"	100	115	99.0	80-120			

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

Project: EME A-2 Leak
 Project Number: None Given
 Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

**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 EK60711 - General Preparation (WetChem)										
Blank (EK60711-BLK1) Prepared & Analyzed: 11/07/06										
Total Alkalinity	ND	2.00	mg/L							
LCS (EK60711-BS1) Prepared & Analyzed: 11/07/06										
Total Alkalinity	202	2.00	mg/L	200		101	85-115			
Duplicate (EK60711-DUP1) Source: 6K03008-01 Prepared & Analyzed: 11/07/06										
Total Alkalinity	236	2.00	mg/L		240			1.68	20	
Reference (EK60711-SRM1) Prepared & Analyzed: 11/07/06										
Total Alkalinity	254		mg/L	250		102	90-110			
Batch EK60913 - Filtration Preparation										
Blank (EK60913-BLK1) Prepared: 11/03/06 Analyzed: 11/06/06										
Total Dissolved Solids	ND	10.0	mg/L							
Duplicate (EK60913-DUP1) Source: 6K03002-01 Prepared: 11/03/06 Analyzed: 11/06/06										
Total Dissolved Solids	954	10.0	mg/L		934			2.12	5	
Duplicate (EK60913-DUP2) Source: 6K03014-03 Prepared: 11/03/06 Analyzed: 11/06/06										
Total Dissolved Solids	1050	10.0	mg/L		946			10.4	5	R2

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

Project: EME A-2 Leak
 Project Number: None Given
 Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Total Metals 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
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Batch EK60712 - 6010B/No Digestion

Blank (EK60712-BLK1)

Prepared & Analyzed: 11/07/06

Calcium	ND	0.0810	mg/L							
Magnesium	ND	0.0360	"							
Potassium	ND	0.0600	"							
Sodium	ND	0.0430	"							

Calibration Check (EK60712-CCV1)

Prepared & Analyzed: 11/07/06

Calcium	2.26		mg/L	2.00		113	85-115			
Magnesium	2.12		"	2.00		106	85-115			
Potassium	1.73		"	2.00		86.5	85-115			
Sodium	2.13		"	2.00		106	85-115			

Duplicate (EK60712-DUP1)

Source: 6K03002-01

Prepared & Analyzed: 11/07/06

Calcium	84.4	0.810	mg/L		83.8			0.713	20	
Magnesium	40.5	0.360	"		38.9			4.03	20	
Potassium	7.74	0.600	"		8.13			4.91	20	
Sodium	110	2.15	"		117			6.17	20	

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

Project: EME A-2 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Notes and Definitions

R2 The RPD exceeded the acceptance limit.
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:

11/17/2006

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
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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.

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

Client: Rice Op.
 Date/ Time: 11/3/06 11:45
 Lab ID #: 6K03013
 Initials: PK

Sample Receipt Checklist

Client Initials

	Yes	No		Client Initials
#1 Temperature of container/ cooler?			0.5 °C	
#2 Shipping container in good condition?	Yes	No		
#3 Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present	
#4 Custody Seals intact on sample bottles/ container?	Yes	No	Not Present	
#5 Chain of Custody present?	Yes	No		
#6 Sample instructions complete of Chain of Custody?	Yes	No		
#7 Chain of Custody signed when relinquished/ received?	Yes	No		
#8 Chain of Custody agrees with sample label(s)?	Yes	No	ID written on Cont./ Lid	
#9 Container label(s) legible and intact?	Yes	No	Not Applicable	
#10 Sample matrix/ properties agree with Chain of Custody?	Yes	No		
#11 Containers supplied by ELOT?	Yes	No		
#12 Samples in proper container/ bottle?	Yes	No	See Below	
#13 Samples properly preserved?	Yes	No	See Below	
#14 Sample bottles intact?	Yes	No		
#15 Preservations documented on Chain of Custody?	Yes	No		
#16 Containers documented on Chain of Custody?	Yes	No		
#17 Sufficient sample amount for indicated test(s)?	Yes	No	See Below	
#18 All samples received within sufficient hold time?	Yes	No	See Below	
#19 VOC samples have zero headspace?	Yes	No	Not Applicable	

Variance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken: _____

- Check all that Apply:
- See attached e-mail/ fax
 - Client understands and would like to proceed with analysis
 - Cooling process had begun shortly after sampling event