

AP - 44

**ANNUAL
MONITORING REPORT**

**YEAR(S):
2005**



Highlander Environmental Corp.

Midland, Texas

CERTIFIED MAIL
RETURN RECEIPT NO. 7005 1160 0005 3780 4869

March 17, 2006

Mr. Wayne Price
New Mexico Energy, Minerals, & Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505

Re: 2005 Annual Summary Report, Rice Operating Company, Eunice Monument Eumont (EME) SWD System H-13 Leak, Unit H, Section 13, T-20-S, R-36-E, Lea County, New Mexico, NMOCD CASE #1R0429 (AP-44)

Dear Mr. Price:

Highlander Environmental Corp. (Highlander) takes this opportunity to submit the 2005 Annual Summary Report for the Rice Operating Company (ROC), Eunice Monument Eumont (EME) SWD System H-13 Leak.

Background

ROC discovered an accidental discharge at the above referenced site on July 3, 2002. The soil had settled underneath a 4" asbestos/concrete system line causing it to break. According to the C-141 form (Initial) filed on July 11, 2002, the total volume spilled was 10 barrels with 5 barrels recovered and disposed of into the EME SWD system. The pipeline leak was permanently repaired to minimize the potential for further impairment. The site location is shown on Figure 1.

Two delineation trenches were excavated on July 22, 2002, one on the east side of the system line and one on the west side of the line. Chloride concentrations in the east trench decreased to 254 mg/kg at a depth of 8 feet below ground surface, while the west trench exhibited elevated chloride levels to 12 feet below ground surface (bgs). A soil boring was installed on September 25, 2002 to further delineate the depth of impact. Based upon the chloride concentrations and relatively shallow groundwater (~31 feet bgs), this soil boring was completed as a monitoring well. The well was completed to a total depth of 41 feet bgs.

On December 13, 2002, the NMOCD was notified of groundwater impact. The monitoring well has been sampled on a quarterly basis since October 2002. The only constituent of concern (COC) at this site is chloride.

Monitor Well Sampling

The site monitor well (MW-1) was sampled on March 30, June 21, September 16 and October 19, 2005. Prior to sampling, the well was gauged for static water level. The monitor well cap was opened and water level measurements were taken from the top of the casing. The measurements were taken to the nearest 0.01 feet.

The well was then purged using a portable submersible pump. Approximately three casing volumes of water were purged from the well prior to sampling. The pump and associated tubing were decontaminated with a laboratory grade detergent and rinsed with deionized water. Cumulative water level measurements and purge volumes for the monitor wells are included in the Tables Section of this report.

The well was also inspected for the presence of phase-separated hydrocarbons (PSH). Groundwater samples were collected as soon as possible after the groundwater returned to its static level. Groundwater samples were collected using clean disposable polyethylene bailers and disposable line. The samples were transferred into labeled and preserved containers provided by the laboratory. The samples were delivered under proper chain-of-custody control to Environmental Labs of Texas, Inc., Odessa, Texas. The groundwater samples were analyzed for major anions, by methods 310.1, 9253 and 375.4, cations by method 6010B, Total Dissolved Solids (TDS) by method 160.1 and Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) by method EPA 8021B. Copies of the laboratory reports are enclosed in Appendix A.

Monitor Well Sample Results

In 2005, there were no BTEX constituents detected at or above reporting limits for MW-1. Chloride and total dissolved solid (TDS) concentrations from monitor well MW-1 exceeded the Water Quality Control Commission (WQCC) standards of 250 mg/L for chloride and 1000 mg/L for TDS in all sampling events. Cumulative analytical data is summarized in the Table Section of this report.

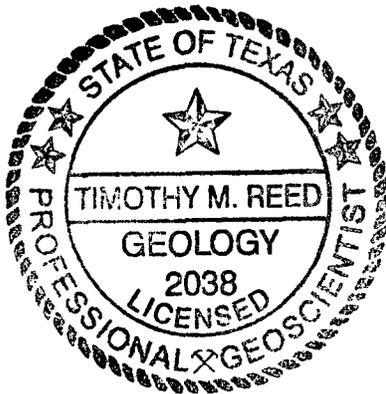
Stage I Abatement Plan

On March 24, 2005 an Investigation and Characterization Plan (ICP) was submitted to the NMOCD. On May 5, 2005, Daniel Sanchez with the NMOCD requested a Rule 19, Stage I Abatement Plan for this site. On July 12, 2005 a Stage I Abatement Plan was submitted to the NMOCD. The plan was certified "Administratively Complete" on November 18, 2005. The Public Notice requirement of the Stage I Abatement Plan was satisfied in December, 2005. Prior to submission of this 2005 Annual Report, the Stage I Abatement Plan approval was received, dated February 23, 2006.



Conclusions and Recommendations

1. In 2005, there were no BTEX constituents detected at or above reporting limits for MW-1.
2. Chloride and total dissolved solid (TDS) concentrations from monitor well MW-1 exceeded the Water Quality Control Commission (WQCC) standards of 250 mg/L for chloride and 1000 mg/L for TDS in all sampling events.
3. Quarterly monitoring at this site will continue and an annual report will be prepared and submitted to the NMOCD in the first quarter of 2007.
4. Prior to submission of this 2005 Annual Report, the Stage I Abatement Plan approval was received, dated February 23, 2006. The Stage I Abatement Plan will be implemented as approved. Once completed, a Stage II Abatement Plan will be prepared and submitted to the NMOCD.



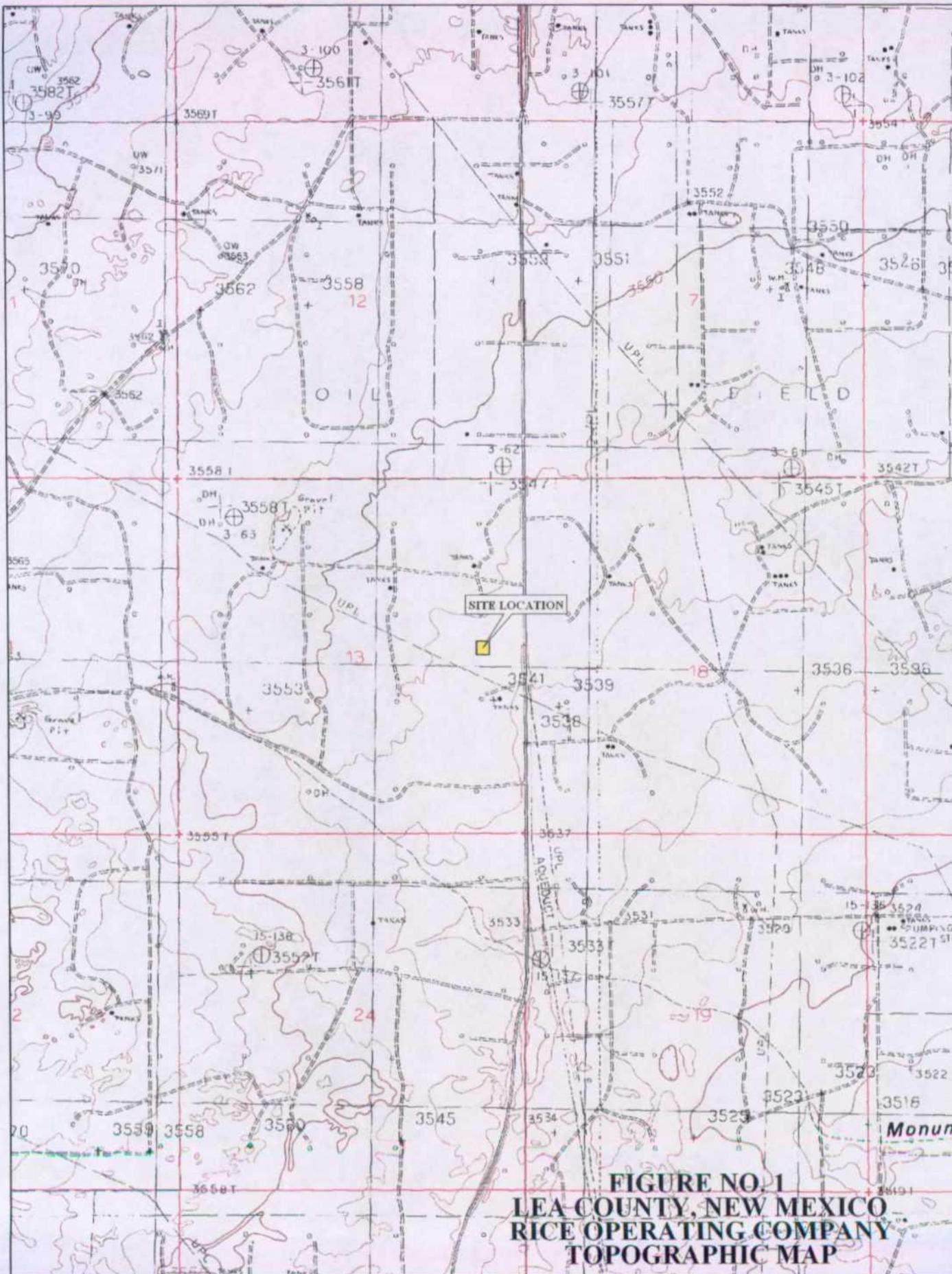
Respectfully Submitted,
HIGHLANDER ENVIRONMENTAL CORP.

A handwritten signature in cursive script that reads "Tim Reed". The signature is written over a solid horizontal line.

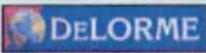
Timothy M. Reed, P.G.
Vice President

cc: ROC



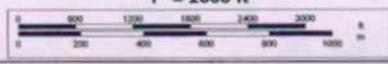


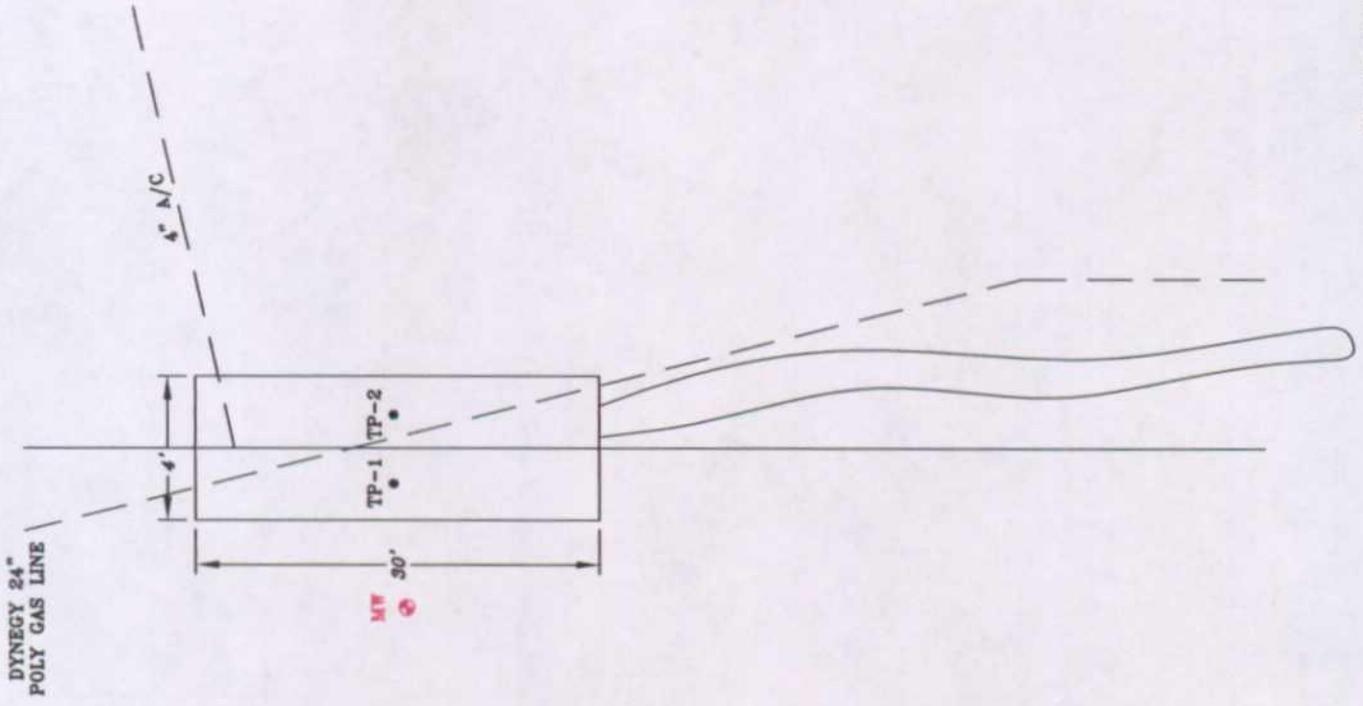
**FIGURE NO. 1
LEA COUNTY, NEW MEXICO
RICE OPERATING COMPANY
TOPOGRAPHIC MAP**



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www.delorme.com

Scale 1 : 24,000
1" = 2000 ft





NOT TO SCALE

FIGURE NO. 2

LEA COUNTY, NEW MEXICO
 RICE OPERATING COMPANY
 EME H-13 LEAK
 SITE MAP
 HIGHLANDER ENVIRONMENTAL CORP.
 MIDLAND, TEXAS

| | |
|-----------|----------|
| DATE: | 3/16/05 |
| DRAWN BY: | JJ |
| FILE NO.: | 20050007 |
| REV. NO.: | 001 |

MONITOR WELL

EME H-13 leak
unit 'H', Sec. 13, T20S, R36E

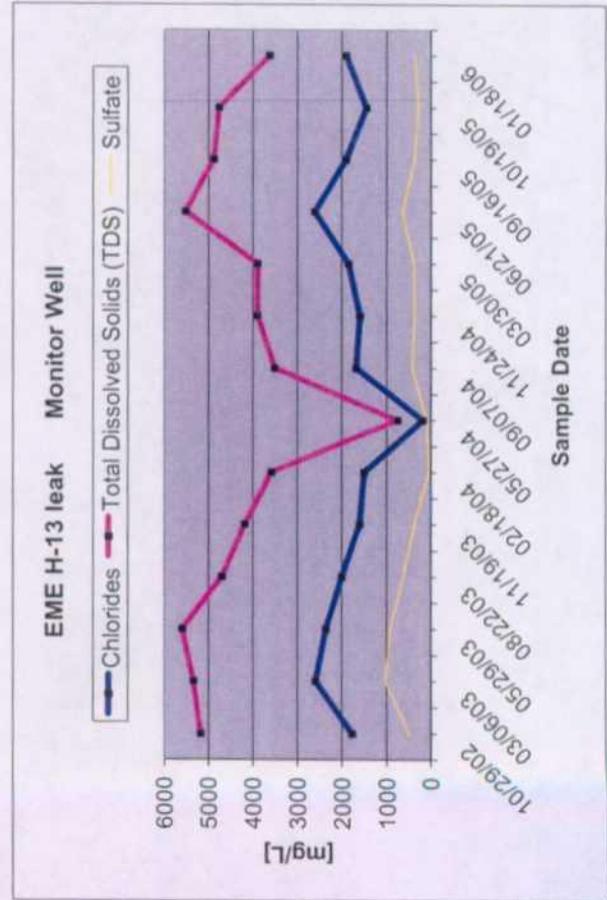
NMOCD Case #1R0429

RICE Operating Company
Monitor Well Data Sheet

All concentrations are in mg/L

| MW # | DEPTH TO WATER * (ft) | TOTAL DEPTH | WELL VOLUME (gal) | VOLUME PURGED | SAMPLE DATE | Cl ⁻ | TDS | BENZENE | TOLUENE | ETHYL BENZENE | TOTAL XYLENES | SULFATE | COMMENTS |
|------|-----------------------|-------------|-------------------|---------------|-------------|-----------------|------|---------|---------|---------------|---------------|---------|----------|
| 1 | 33.19 | 43.94 | 1.720 | 5.25 | 10/29/02 | 1770 | 5180 | <0.001 | <0.001 | <0.001 | <0.001 | 497 | |
| 1 | 33.18 | 43.90 | 1.710 | 5.10 | 03/06/03 | 2600 | 5340 | <0.001 | <0.001 | <0.001 | <0.001 | 1020 | |
| 1 | 33.20 | 43.91 | 1.212 | 5.10 | 05/29/03 | 2360 | 5600 | <0.001 | <0.001 | <0.001 | <0.001 | 920 | |
| 1 | 33.40 | 43.90 | 1.680 | 5.04 | 08/22/03 | 2000 | 4700 | <0.001 | <0.001 | <0.001 | <0.001 | 622 | |
| 1 | 33.35 | 43.91 | 1.600 | 5.00 | 11/19/03 | 1600 | 4180 | <0.001 | <0.001 | <0.001 | 0.001 | 370 | |
| 1 | 33.41 | 43.90 | 1.670 | 5.00 | 02/18/04 | 1500 | 3580 | <0.002 | <0.002 | <0.002 | <0.006 | 44 | |
| 1 | 33.56 | 43.90 | 1.650 | 5.00 | 05/27/04 | 177 | 751 | <0.001 | <0.001 | <0.001 | <0.001 | 90.8 | |
| 1 | 33.40 | 44.10 | 1.712 | 5.14 | 09/07/04 | 1680 | 3510 | <0.001 | <0.001 | <0.001 | <0.001 | 418 | |
| 1 | 32.85 | 44.10 | 1.800 | 5.40 | 11/24/04 | 1590 | 3900 | <0.001 | <0.001 | <0.001 | <0.001 | 358 | |
| 1 | 32.19 | 44.10 | 1.910 | 25.00 | 03/30/05 | 1850 | 3890 | <0.001 | <0.001 | <0.001 | <0.001 | 376 | |
| 1 | 31.93 | 44.10 | 1.950 | 10.00 | 06/21/05 | 2610 | 5520 | <0.001 | <0.001 | <0.001 | <0.001 | 641 | |
| 1 | 31.81 | 44.10 | 1.970 | 12.00 | 09/16/05 | 1900 | 4880 | <0.001 | <0.001 | <0.001 | <0.001 | 358 | |
| 1 | 31.70 | 44.10 | 2.000 | 6.00 | 10/19/05 | 1450 | 4760 | <0.001 | <0.001 | <0.001 | <0.001 | 286 | |
| 1 | 31.59 | 44.10 | 2.000 | 8.00 | 01/18/06 | 1900 | 3620 | <0.001 | <0.001 | <0.001 | <0.001 | 351 | |

* Depth to water measured from top of casing
Casing is 2.438 ft



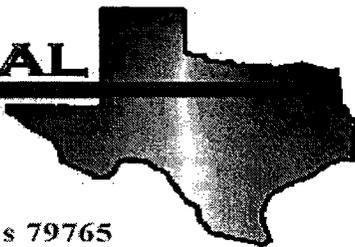
APPENDIX A

Analytical Reports

Analytical Report

4/08/2005

E NVIRONMENTAL
LAB OF



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/ EME H-13

Project Number: 2307

Location: Lea County, NM

Lab Order Number: 5C31012

Report Date: 04/08/05

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

Project: Rice/ EME H-13
Project Number: 2307
Project Manager: Tim Reed

Fax: (432) 682-3946
Reported:
04/08/05 14:12

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| MW-1 | 5C31012-01 | Water | 03/30/05 11:45 | 03/31/05 15:00 |

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

Project: Rice/ EME H-13
Project Number: 2307
Project Manager: Tim Reed

Fax: (432) 682-3946
Reported:
04/08/05 14:12

Organics by GC
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------------|--------|-----------------|--------|----------|---------|----------|----------|-----------|-------|
| MW-1 (5C31012-01) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | ED50608 | 04/05/05 | 04/05/05 | 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> | | 106 % | 80-120 | | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 85.5 % | 80-120 | | " | " | " | " | |

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

Project: Rice/ EME H-13
Project Number: 2307
Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
04/08/05 14:12

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

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|-------|----------|---------|----------|----------|------------|-------|
| MW-1 (5C31012-01) Water | | | | | | | | | |
| Total Alkalinity | 214 | 2.00 | mg/L | 1 | ED50709 | 04/07/05 | 04/07/05 | EPA 310.2M | |
| Chloride | 1850 | 25.0 | " | 50 | ED50612 | 04/06/05 | 04/06/05 | EPA 300.0 | |
| Total Dissolved Solids | 3890 | 5.00 | " | 1 | ED50502 | 04/04/05 | 04/05/05 | EPA 160.1 | |
| Sulfate | 376 | 25.0 | " | 50 | ED50612 | 04/06/05 | 04/06/05 | EPA 300.0 | |

Environmental Lab of Texas

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

Project: Rice/ EME H-13
Project Number: 2307
Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
04/08/05 14:12

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| MW-1 (5C31012-01) Water | | | | | | | | | |
| Calcium | 426 | 1.00 | mg/L | 100 | ED50802 | 04/06/05 | 04/07/05 | EPA 6010B | |
| Magnesium | 178 | 0.100 | " | " | " | " | " | " | |
| Potassium | 19.2 | 0.500 | " | 10 | " | " | " | " | |
| Sodium | 980 | 1.00 | " | 100 | " | " | " | " | |

Environmental Lab of Texas

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

Project: Rice/ EME H-13
Project Number: 2307
Project Manager: Tim Reed

Fax: (432) 682-3946
Reported:
04/08/05 14:12

**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 ED50608 - EPA 5030C (GC)

Blank (ED50608-BLK1)

Prepared & Analyzed: 04/05/05

| | | | | | | | | | | |
|-----------------------------------|------|---------|------|------|--|------|--------|--|--|--|
| 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 | 21.6 | | ug/l | 20.0 | | 108 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 17.8 | | " | 20.0 | | 89.0 | 80-120 | | | |

LCS (ED50608-BS1)

Prepared & Analyzed: 04/05/05

| | | | | | | | | | | |
|-----------------------------------|------|--|------|------|--|------|--------|--|--|--|
| Benzene | 97.0 | | ug/l | 100 | | 97.0 | 80-120 | | | |
| Toluene | 94.8 | | " | 100 | | 94.8 | 80-120 | | | |
| Ethylbenzene | 96.7 | | " | 100 | | 96.7 | 80-120 | | | |
| Xylene (p/m) | 193 | | " | 200 | | 96.5 | 80-120 | | | |
| Xylene (o) | 101 | | " | 100 | | 101 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 23.8 | | " | 20.0 | | 119 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 19.4 | | " | 20.0 | | 97.0 | 80-120 | | | |

Calibration Check (ED50608-CCV1)

Prepared & Analyzed: 04/05/05

| | | | | | | | | | | |
|-----------------------------------|------|--|------|------|--|------|--------|--|--|--|
| Benzene | 97.1 | | ug/l | 100 | | 97.1 | 80-120 | | | |
| Toluene | 93.7 | | " | 100 | | 93.7 | 80-120 | | | |
| Ethylbenzene | 93.6 | | " | 100 | | 93.6 | 80-120 | | | |
| Xylene (p/m) | 192 | | " | 200 | | 96.0 | 80-120 | | | |
| Xylene (o) | 98.2 | | " | 100 | | 98.2 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 22.5 | | " | 20.0 | | 112 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 19.4 | | " | 20.0 | | 97.0 | 80-120 | | | |

Matrix Spike (ED50608-MS1)

Source: 5D01005-04

Prepared & Analyzed: 04/05/05

| | | | | | | | | | | |
|-----------------------------------|------|--|------|------|----|------|--------|--|--|--|
| Benzene | 102 | | ug/l | 100 | ND | 102 | 80-120 | | | |
| Toluene | 99.4 | | " | 100 | ND | 99.4 | 80-120 | | | |
| Ethylbenzene | 99.2 | | " | 100 | ND | 99.2 | 80-120 | | | |
| Xylene (p/m) | 202 | | " | 200 | ND | 101 | 80-120 | | | |
| Xylene (o) | 101 | | " | 100 | ND | 101 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 22.9 | | " | 20.0 | | 114 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 18.9 | | " | 20.0 | | 94.5 | 80-120 | | | |

Environmental Lab of Texas

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

Project: Rice/ EME H-13
 Project Number: 2307
 Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
 04/08/05 14:12

**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 ED50608 - EPA 5030C (GC)

Matrix Spike Dup (ED50608-MSD1)

Source: 5D01005-04

Prepared & Analyzed: 04/05/05

| | | | | | | | | | | |
|-----------------------------------|------|--|------|------|----|------|--------|------|----|--|
| Benzene | 98.8 | | ug/l | 100 | ND | 98.8 | 80-120 | 3.19 | 20 | |
| Toluene | 96.0 | | " | 100 | ND | 96.0 | 80-120 | 3.48 | 20 | |
| Ethylbenzene | 94.3 | | " | 100 | ND | 94.3 | 80-120 | 5.06 | 20 | |
| Xylene (p/m) | 199 | | " | 200 | ND | 99.5 | 80-120 | 1.50 | 20 | |
| Xylene (o) | 95.3 | | " | 100 | ND | 95.3 | 80-120 | 5.81 | 20 | |
| Surrogate: a,a,a-Trifluorotoluene | 22.8 | | " | 20.0 | | 114 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 20.6 | | " | 20.0 | | 103 | 80-120 | | | |

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

Project: Rice/ EME H-13
 Project Number: 2307
 Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
 04/08/05 14:12

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 ED50502 - General Preparation (WetChem)

Blank (ED50502-BLK1) Prepared: 04/04/05 Analyzed: 04/05/05

| | | | | | | | | | | |
|------------------------|----|------|------|--|--|--|--|--|--|--|
| Total Dissolved Solids | ND | 5.00 | mg/L | | | | | | | |
|------------------------|----|------|------|--|--|--|--|--|--|--|

Duplicate (ED50502-DUP1) Source: 5C31008-01 Prepared: 04/04/05 Analyzed: 04/05/05

| | | | | | | | | | | |
|------------------------|------|------|------|--|------|--|--|------|----|--|
| Total Dissolved Solids | 1970 | 5.00 | mg/L | | 2020 | | | 2.51 | 20 | |
|------------------------|------|------|------|--|------|--|--|------|----|--|

Batch ED50612 - General Preparation (WetChem)

Blank (ED50612-BLK1) Prepared & Analyzed: 04/06/05

| | | | | | | | | | | |
|----------|----|-------|------|--|--|--|--|--|--|--|
| Chloride | ND | 0.500 | mg/L | | | | | | | |
|----------|----|-------|------|--|--|--|--|--|--|--|

| | | | | | | | | | | |
|---------|----|-------|---|--|--|--|--|--|--|--|
| Sulfate | ND | 0.500 | " | | | | | | | |
|---------|----|-------|---|--|--|--|--|--|--|--|

LCS (ED50612-BS1) Prepared & Analyzed: 04/06/05

| | | | | | | | | | | |
|----------|------|--|------|------|--|-----|--------|--|--|--|
| Chloride | 10.9 | | mg/L | 10.0 | | 109 | 80-120 | | | |
|----------|------|--|------|------|--|-----|--------|--|--|--|

| | | | | | | | | | | |
|---------|------|--|---|------|--|------|--------|--|--|--|
| Sulfate | 9.46 | | " | 10.0 | | 94.6 | 80-120 | | | |
|---------|------|--|---|------|--|------|--------|--|--|--|

Calibration Check (ED50612-CCV1) Prepared & Analyzed: 04/06/05

| | | | | | | | | | | |
|----------|------|--|------|------|--|-----|--------|--|--|--|
| Chloride | 10.6 | | mg/L | 10.0 | | 106 | 80-120 | | | |
|----------|------|--|------|------|--|-----|--------|--|--|--|

| | | | | | | | | | | |
|---------|------|--|---|------|--|------|--------|--|--|--|
| Sulfate | 9.55 | | " | 10.0 | | 95.5 | 80-120 | | | |
|---------|------|--|---|------|--|------|--------|--|--|--|

Duplicate (ED50612-DUP1) Source: 5C31008-01 Prepared & Analyzed: 04/06/05

| | | | | | | | | | | |
|----------|-----|------|------|--|-----|--|--|------|----|--|
| Chloride | 862 | 12.5 | mg/L | | 873 | | | 1.27 | 20 | |
|----------|-----|------|------|--|-----|--|--|------|----|--|

| | | | | | | | | | | |
|---------|-----|------|---|--|-----|--|--|------|----|--|
| Sulfate | 493 | 12.5 | " | | 502 | | | 1.81 | 20 | |
|---------|-----|------|---|--|-----|--|--|------|----|--|

Batch ED50709 - General Preparation (WetChem)

Blank (ED50709-BLK1) Prepared & Analyzed: 04/07/05

| | | | | | | | | | | |
|------------------|----|------|------|--|--|--|--|--|--|--|
| Total Alkalinity | ND | 2.00 | mg/L | | | | | | | |
|------------------|----|------|------|--|--|--|--|--|--|--|

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

Project: Rice/ EME H-13
Project Number: 2307
Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
04/08/05 14:12

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 ED50709 - General Preparation (WetChem)

Calibration Check (ED50709-CCV1)

Prepared & Analyzed: 04/07/05

| | | | | | | | | | | |
|------------------------|-----|--|------|-----|--|-----|--------|--|--|--|
| Bicarbonate Alkalinity | 231 | | mg/L | 200 | | 116 | 80-120 | | | |
|------------------------|-----|--|------|-----|--|-----|--------|--|--|--|

Duplicate (ED50709-DUP1)

Source: 5C30009-01

Prepared & Analyzed: 04/07/05

| | | | | | | | | | | |
|------------------|-----|------|------|--|-----|--|--|------|----|--|
| Total Alkalinity | 186 | 2.00 | mg/L | | 194 | | | 4.21 | 20 | |
|------------------|-----|------|------|--|-----|--|--|------|----|--|

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

Project: Rice/ EME H-13
 Project Number: 2307
 Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
 04/08/05 14:12

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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch ED50802 - 6010B/No Digestion

Blank (ED50802-BLK1)

Prepared: 04/06/05 Analyzed: 04/07/05

| | | | | | | | | | | |
|-----------|----|---------|------|--|--|--|--|--|--|--|
| Calcium | ND | 0.0100 | mg/L | | | | | | | |
| Magnesium | ND | 0.00100 | " | | | | | | | |
| Potassium | ND | 0.0500 | " | | | | | | | |
| Sodium | ND | 0.0100 | " | | | | | | | |

Calibration Check (ED50802-CCV1)

Prepared: 04/06/05 Analyzed: 04/07/05

| | | | | | | | | | | |
|-----------|------|--|------|------|--|------|--------|--|--|--|
| Calcium | 1.96 | | mg/L | 2.00 | | 98.0 | 85-115 | | | |
| Magnesium | 1.99 | | " | 2.00 | | 99.5 | 85-115 | | | |
| Potassium | 1.71 | | " | 2.00 | | 85.5 | 85-115 | | | |
| Sodium | 1.83 | | " | 2.00 | | 91.5 | 85-115 | | | |

Duplicate (ED50802-DUP1)

Source: 5C31008-01

Prepared: 04/06/05 Analyzed: 04/07/05

| | | | | | | | | | | |
|-----------|------|--------|------|--|------|--|--|------|----|--|
| Calcium | 214 | 1.00 | mg/L | | 225 | | | 5.01 | 20 | |
| Magnesium | 74.7 | 0.0200 | " | | 77.8 | | | 4.07 | 20 | |
| Potassium | 11.4 | 0.500 | " | | 13.2 | | | 14.6 | 20 | |
| Sodium | 376 | 1.00 | " | | 421 | | | 11.3 | 20 | |

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

Project: Rice/ EME H-13
Project Number: 2307
Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
04/08/05 14:12

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: 4-12-05

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

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

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

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

Client: Highlander Env.
 Date/Time: 3/31/05 3:10
 Order #: 5031012
 Initials: CK

Sample Receipt Checklist

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

Other observations:

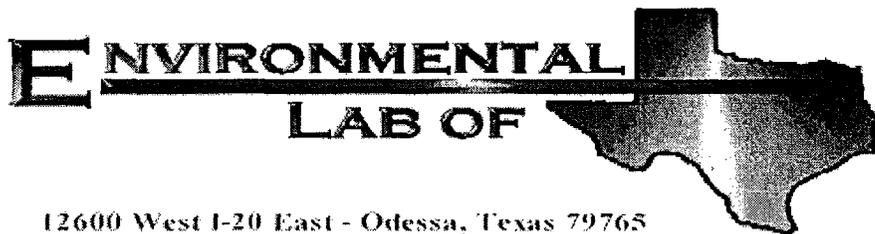
Variance Documentation:

Contact Person: - _____ Date/Time: _____ Contacted by: _____
 Regarding: _____

Corrective Action Taken:

Analytical Report

6/28/2005



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/ EME H-13

Project Number: 2307

Location: None Given

Lab Order Number: 5F22003

Report Date: 06/28/05

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

Project: Rice/ EME H-13
Project Number: 2307
Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
06/28/05 16:46

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| MW-1 | 5F22003-01 | Water | 06/21/05 14:00 | 06/22/05 09:00 |

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

Project: Rice/ EME H-13
Project Number: 2307
Project Manager: Tim Reed

Fax: (432) 682-3946
Reported:
06/28/05 16:46

Organics by GC
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------------------------|--------|-----------------|--------|----------|---------|----------|----------|-----------|-------|
| MW-1 (SF22003-01) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | EF52711 | 06/27/05 | 06/27/05 | EPA 8021B | |
| Toluene | ND | 0.00100 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.00100 | " | " | " | " | " | " | |
| Xylene (p/m) | ND | 0.00100 | " | " | " | " | " | " | |
| Xylene (o) | ND | 0.00100 | " | " | " | " | " | " | |
| Surrogate: <i>a,a,a</i> -Trifluorotoluene | | 106 % | 80-120 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 81.5 % | 80-120 | | " | " | " | " | |

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

Project: Rice/ EME H-13
Project Number: 2307
Project Manager: Tim Reed

Fax: (432) 682-3946
Reported:
06/28/05 16:46

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

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|--------------------|-------|----------|---------|----------|----------|------------|-------|
| MW-1 (5F22003-01) Water | | | | | | | | | |
| Total Alkalinity | 174 | 2.00 | mg/L | 1 | EF52213 | 06/22/05 | 06/22/05 | EPA 310.2M | |
| Chloride | 2610 | 50.0 | " | 100 | EF52301 | 06/22/05 | 06/22/05 | EPA 300.0 | |
| Total Dissolved Solids | 5520 | 10.0 | " | 2 | EF52212 | 06/22/05 | 06/23/05 | EPA 160.1 | |
| Sulfate | 641 | 50.0 | " | 100 | EF52301 | 06/22/05 | 06/22/05 | EPA 300.0 | |

Environmental Lab of Texas

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Page 3 of 10

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

Project: Rice/ EME H-13
Project Number: 2307
Project Manager: Tim Reed

Fax: (432) 682-3946
Reported:
06/28/05 16:46

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|--------------------|-------|----------|---------|----------|----------|-----------|-------|
| MW-1 (5F22003-01) Water | | | | | | | | | |
| Calcium | 487 | 0.500 | mg/L | 50 | EF52306 | 06/23/05 | 06/23/05 | EPA 6010B | |
| Magnesium | 206 | 0.0500 | " | " | " | " | " | " | |
| Potassium | 32.3 | 0.500 | " | 10 | " | " | " | " | |
| Sodium | 990 | 2.00 | " | 200 | " | " | " | " | |

Environmental Lab of Texas

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Page 4 of 10

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

Project: Rice/ EME H-13
 Project Number: 2307
 Project Manager: Tim Reed

Fax: (432) 682-3946
 Reported:
 06/28/05 16:46

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 EF52711 - EPA 5030C (GC)

Blank (EF52711-BLK1)

Prepared & Analyzed: 06/27/05

| | | | | | | | | | | |
|-----------------------------------|------|---------|------|------|--|------|--------|--|--|--|
| 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 | 21.7 | | ug/l | 20.0 | | 108 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 19.2 | | " | 20.0 | | 96.0 | 80-120 | | | |

LCS (EF52711-BS1)

Prepared & Analyzed: 06/27/05

| | | | | | | | | | | |
|-----------------------------------|------|--|------|------|--|------|--------|--|--|--|
| Benzene | 104 | | ug/l | 100 | | 104 | 80-120 | | | |
| Toluene | 105 | | " | 100 | | 105 | 80-120 | | | |
| Ethylbenzene | 105 | | " | 100 | | 105 | 80-120 | | | |
| Xylene (p/m) | 206 | | " | 200 | | 103 | 80-120 | | | |
| Xylene (o) | 97.9 | | " | 100 | | 97.9 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 22.2 | | " | 20.0 | | 111 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 23.8 | | " | 20.0 | | 119 | 80-120 | | | |

LCS Dup (EF52711-BSD1)

Prepared & Analyzed: 06/27/05

| | | | | | | | | | | |
|-----------------------------------|------|--|------|------|--|------|--------|-------|----|--|
| Benzene | 104 | | ug/l | 100 | | 104 | 80-120 | 0.00 | 20 | |
| Toluene | 106 | | " | 100 | | 106 | 80-120 | 0.948 | 20 | |
| Ethylbenzene | 98.9 | | " | 100 | | 98.9 | 80-120 | 5.98 | 20 | |
| Xylene (p/m) | 207 | | " | 200 | | 104 | 80-120 | 0.966 | 20 | |
| Xylene (o) | 93.7 | | " | 100 | | 93.7 | 80-120 | 4.38 | 20 | |
| Surrogate: a,a,a-Trifluorotoluene | 23.2 | | " | 20.0 | | 116 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 21.4 | | " | 20.0 | | 107 | 80-120 | | | |

Calibration Check (EF52711-CCV1)

Prepared: 06/27/05 Analyzed: 06/28/05

| | | | | | | | | | | |
|-----------------------------------|------|--|------|------|--|------|--------|--|--|--|
| Benzene | 96.9 | | ug/l | 100 | | 96.9 | 80-120 | | | |
| Toluene | 98.6 | | " | 100 | | 98.6 | 80-120 | | | |
| Ethylbenzene | 92.8 | | " | 100 | | 92.8 | 80-120 | | | |
| Xylene (p/m) | 193 | | " | 200 | | 96.5 | 80-120 | | | |
| Xylene (o) | 87.5 | | " | 100 | | 87.5 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 21.4 | | " | 20.0 | | 107 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 20.0 | | " | 20.0 | | 100 | 80-120 | | | |

Environmental Lab of Texas

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

Project: Rice/ EME H-13
 Project Number: 2307
 Project Manager: Tim Reed

Fax: (432) 682-3946
 Reported:
 06/28/05 16:46

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 EF52711 - EPA 5030C (GC)

Matrix Spike (EF52711-MS1)

Source: SF27009-02

Prepared: 06/27/05 Analyzed: 06/28/05

| | | | | | | | | | | |
|-----------------------------------|------|--|------|------|----|------|--------|--|--|--|
| Benzene | 92.7 | | ug/l | 100 | ND | 92.7 | 80-120 | | | |
| Toluene | 91.7 | | " | 100 | ND | 91.7 | 80-120 | | | |
| Ethylbenzene | 87.5 | | " | 100 | ND | 87.5 | 80-120 | | | |
| Xylene (p/m) | 177 | | " | 200 | ND | 88.5 | 80-120 | | | |
| Xylene (o) | 85.0 | | " | 100 | ND | 85.0 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 20.0 | | " | 20.0 | | 100 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 22.0 | | " | 20.0 | | 110 | 80-120 | | | |

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

Project: Rice/ EME H-13
 Project Number: 2307
 Project Manager: Tim Reed

Fax: (432) 682-3946
 Reported:
 06/28/05 16:46

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

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

Batch EF52212 - Filtration Preparation

Blank (EF52212-BLK1) Prepared: 06/22/05 Analyzed: 06/23/05
 Total Dissolved Solids ND 5.00 mg/L

Duplicate (EF52212-DUP1) Source: 5F16004-04 Prepared: 06/22/05 Analyzed: 06/23/05
 Total Dissolved Solids 277 5.00 mg/L 276 0.362 20

Batch EF52213 - General Preparation (WetChem)

Blank (EF52213-BLK1) Prepared & Analyzed: 06/22/05
 Total Alkalinity ND 2.00 mg/L

Duplicate (EF52213-DUP1) Source: 5F16009-01 Prepared & Analyzed: 06/22/05
 Total Alkalinity 153 2.00 mg/L 153 0.00 20

Reference (EF52213-SRM1) Prepared & Analyzed: 06/22/05
 Bicarbonate Alkalinity 230 mg/L 200 115 80-120

Batch EF52301 - General Preparation (WetChem)

Blank (EF52301-BLK1) Prepared & Analyzed: 06/22/05
 Chloride ND 0.500 mg/L
 Sulfate ND 0.500 "

LCS (EF52301-BS1) Prepared & Analyzed: 06/22/05
 Chloride 11.8 mg/L 10.0 118 80-120
 Sulfate 11.1 " 10.0 111 80-120

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

Project: Rice/ EME H-13
 Project Number: 2307
 Project Manager: Tim Reed

Fax: (432) 682-3946
 Reported:
 06/28/05 16:46

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 EF52301 - General Preparation (WetChem)

Calibration Check (EF52301-CCV1)

Prepared & Analyzed: 06/22/05

| | | | | | | | | | | |
|----------|------|--|------|------|--|-----|--------|--|--|--|
| Chloride | 10.7 | | mg/L | 10.0 | | 107 | 80-120 | | | |
| Sulfate | 10.0 | | " | 10.0 | | 100 | 80-120 | | | |

Duplicate (EF52301-DUP1)

Source: SF21001-01

Prepared & Analyzed: 06/22/05

| | | | | | | | | | | |
|----------|------|------|------|--|------|--|--|-------|----|--|
| Sulfate | 25.7 | 2.50 | mg/L | | 28.1 | | | 8.92 | 20 | |
| Chloride | 17.1 | 2.50 | " | | 17.0 | | | 0.587 | 20 | |

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

Project: Rice/ EME H-13
 Project Number: 2307
 Project Manager: Tim Reed

Fax: (432) 682-3946
 Reported:
 06/28/05 16:46

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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch EF52306 - 6010B/No Digestion

Blank (EF52306-BLK1)

Prepared & Analyzed: 06/23/05

| | | | | | | | | | | |
|-----------|----|---------|------|--|--|--|--|--|--|--|
| Calcium | ND | 0.0100 | mg/L | | | | | | | |
| Magnesium | ND | 0.00100 | " | | | | | | | |
| Potassium | ND | 0.0500 | " | | | | | | | |
| Sodium | ND | 0.0100 | " | | | | | | | |

Calibration Check (EF52306-CCV1)

Prepared & Analyzed: 06/23/05

| | | | | | | | | | | |
|-----------|------|--|------|------|--|------|--------|--|--|--|
| Calcium | 1.79 | | mg/L | 2.00 | | 89.5 | 85-115 | | | |
| Magnesium | 2.07 | | " | 2.00 | | 104 | 85-115 | | | |
| Potassium | 1.76 | | " | 2.00 | | 88.0 | 85-115 | | | |
| Sodium | 1.91 | | " | 2.00 | | 95.5 | 85-115 | | | |

Duplicate (EF52306-DUP1)

Source: SF21017-01

Prepared & Analyzed: 06/23/05

| | | | | | | | | | | |
|-----------|------|--------|------|--|------|--|--|-------|----|--|
| Calcium | 58.8 | 0.100 | mg/L | | 57.8 | | | 1.72 | 20 | |
| Magnesium | 22.8 | 0.0100 | " | | 23.0 | | | 0.873 | 20 | |
| Potassium | 18.3 | 0.500 | " | | 19.2 | | | 4.80 | 20 | |
| Sodium | 150 | 0.500 | " | | 155 | | | 3.28 | 20 | |

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

Project: Rice/ EME H-13
Project Number: 2307
Project Manager: Tim Reed

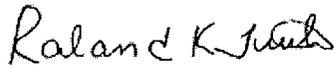
Fax: (432) 682-3946

Reported:
06/28/05 16:46

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:

6/28/2005

Ralanc 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.

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

Environmental Lab of Texas

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

Page 10 of 10

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

Client: Highlander
 Date/Time: 6/22/05 9:10
 Order #: SF22003
 Initials: ck

Sample Receipt Checklist

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

Other observations:

Variance Documentation:

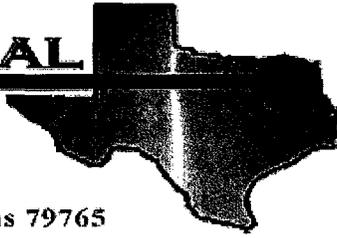
Contact Person: - _____ Date/Time: _____ Contacted by: _____
 Regarding: _____

Corrective Action Taken:

Analytical Report

9/28/2005

E NVIRONMENTAL
LAB OF



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/ EME H-13

Project Number: 2307

Location: Lea County, NM

Lab Order Number: 5I19007

Report Date: 09/28/05

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

Project: Rice/ EME H-13
Project Number: 2307
Project Manager: Tim Reed

Fax: (432) 682-3946
Reported:
09/28/05 15:18

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| MW-1 | 5I19007-01 | Water | 09/16/05 09:30 | 09/16/05 15:45 |

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

Project: Rice/ EME H-13
Project Number: 2307
Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
09/28/05 15:18

Organics by GC
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------------|--------|-----------------|--------|----------|---------|----------|----------|-----------|-------|
| MW-1 (SI19007-01) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | EI51910 | 09/21/05 | 09/22/05 | 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> | | 87.0 % | 80-120 | | " | " | " | " | |

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

Project: Rice/ EME H-13
Project Number: 2307
Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
09/28/05 15:18

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

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------|----------|----------|---------|----------|----------|------------|-------|
| | | Limit | Units | | | | | | |
| MW-1 (SI19007-01) Water | | | | | | | | | |
| Total Alkalinity | 216 | 2.00 | mg/L | 1 | EI52214 | 09/21/05 | 09/21/05 | EPA 310.2M | |
| Chloride | 1900 | 25.0 | " | 50 | EI52001 | 09/19/05 | 09/20/05 | EPA 300.0 | |
| pH | 6.86 | | pH Units | 1 | EI52004 | 09/19/05 | 09/19/05 | EPA 150.1 | O-04 |
| Total Dissolved Solids | 4880 | 5.00 | mg/L | " | EI52607 | 09/21/05 | 09/22/05 | EPA 160.1 | |
| Sulfate | 358 | 25.0 | " | 50 | EI52001 | 09/19/05 | 09/20/05 | EPA 300.0 | |

Environmental Lab of Texas

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

Project: Rice/ EME H-13
Project Number: 2307
Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
09/28/05 15:18

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|--------------------|-------|----------|---------|----------|----------|-----------|-------|
| MW-1 (SI19007-01) Water | | | | | | | | | |
| Calcium | 365 | 2.00 | mg/L | 200 | E152709 | 09/27/05 | 09/27/05 | EPA 6010B | |
| Magnesium | 153 | 0.0500 | " | 50 | " | " | " | " | |
| Potassium | 18.9 | 0.500 | " | 10 | " | " | " | " | |
| Sodium | 687 | 2.00 | " | 200 | " | " | " | " | |

Environmental Lab of Texas

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

Project: Rice/ EME H-13
Project Number: 2307
Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
09/28/05 15:18

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 EI51910 - EPA 5030C (GC)

Blank (EI51910-BLK1)

Prepared: 09/19/05 Analyzed: 09/22/05

| | | | | | | | | | | |
|-----------------------------------|------|---------|------|------|--|------|--------|--|--|--|
| 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 | 37.3 | | ug/l | 40.0 | | 93.2 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 35.7 | | " | 40.0 | | 89.2 | 80-120 | | | |

LCS (EI51910-BS1)

Prepared: 09/19/05 Analyzed: 09/21/05

| | | | | | | | | | | |
|-----------------------------------|------|--|------|------|--|------|--------|--|--|--|
| Benzene | 45.3 | | ug/l | 50.0 | | 90.6 | 80-120 | | | |
| Toluene | 42.9 | | " | 50.0 | | 85.8 | 80-120 | | | |
| Ethylbenzene | 48.3 | | " | 50.0 | | 96.6 | 80-120 | | | |
| Xylene (p/m) | 89.1 | | " | 100 | | 89.1 | 80-120 | | | |
| Xylene (o) | 54.6 | | " | 50.0 | | 109 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 37.7 | | " | 40.0 | | 94.2 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 46.0 | | " | 40.0 | | 115 | 80-120 | | | |

Calibration Check (EI51910-CCV1)

Prepared: 09/19/05 Analyzed: 09/22/05

| | | | | | | | | | | |
|-----------------------------------|------|--|------|------|--|------|--------|--|--|--|
| Benzene | 47.1 | | ug/l | 50.0 | | 94.2 | 80-120 | | | |
| Toluene | 44.9 | | " | 50.0 | | 89.8 | 80-120 | | | |
| Ethylbenzene | 49.1 | | " | 50.0 | | 98.2 | 80-120 | | | |
| Xylene (p/m) | 89.8 | | " | 100 | | 89.8 | 80-120 | | | |
| Xylene (o) | 52.6 | | " | 50.0 | | 105 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 37.7 | | " | 40.0 | | 94.2 | 0-200 | | | |
| Surrogate: 4-Bromofluorobenzene | 36.9 | | " | 40.0 | | 92.2 | 0-200 | | | |

Matrix Spike (EI51910-MS1)

Source: SI15012-34

Prepared: 09/19/05 Analyzed: 09/22/05

| | | | | | | | | | | |
|-----------------------------------|------|--|------|------|----|------|--------|--|--|--|
| Benzene | 41.2 | | ug/l | 50.0 | ND | 82.4 | 80-120 | | | |
| Toluene | 40.3 | | " | 50.0 | ND | 80.6 | 80-120 | | | |
| Ethylbenzene | 40.0 | | " | 50.0 | ND | 80.0 | 80-120 | | | |
| Xylene (p/m) | 80.7 | | " | 100 | ND | 80.7 | 80-120 | | | |
| Xylene (o) | 40.6 | | " | 50.0 | ND | 81.2 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 35.7 | | " | 40.0 | | 89.2 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 34.6 | | " | 40.0 | | 86.5 | 80-120 | | | |

Environmental Lab of Texas

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

Project: Rice/ EME H-13
Project Number: 2307
Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
09/28/05 15:18

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 EI51910 - EPA 5030C (GC)

Matrix Spike Dup (EI51910-MSD1)

Source: 5I15012-34

Prepared: 09/19/05 Analyzed: 09/22/05

| | | | | | | | | | | |
|-----------------------------------|------|--|------|------|----|------|--------|-------|----|--|
| Benzene | 42.6 | | ug/l | 50.0 | ND | 85.2 | 80-120 | 3.34 | 20 | |
| Toluene | 40.0 | | " | 50.0 | ND | 80.0 | 80-120 | 0.747 | 20 | |
| Ethylbenzene | 41.6 | | " | 50.0 | ND | 83.2 | 80-120 | 3.92 | 20 | |
| Xylene (p/m) | 81.2 | | " | 100 | ND | 81.2 | 80-120 | 0.618 | 20 | |
| Xylene (o) | 42.9 | | " | 50.0 | ND | 85.8 | 80-120 | 5.51 | 20 | |
| Surrogate: a,a,a-Trifluorotoluene | 35.1 | | " | 40.0 | | 87.8 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 35.6 | | " | 40.0 | | 89.0 | 80-120 | | | |

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

Project: Rice/ EME H-13
 Project Number: 2307
 Project Manager: Tim Reed

Fax: (432) 682-3946
 Reported:
 09/28/05 15:18

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 EI52001 - General Preparation (WetChem)

Blank (EI52001-BLK1)

Prepared: 09/19/05 Analyzed: 09/20/05

| | | | | | | | | | | |
|----------|----|-------|------|--|--|--|--|--|--|--|
| Chloride | ND | 0.500 | mg/L | | | | | | | |
| Sulfate | ND | 0.500 | " | | | | | | | |

LCS (EI52001-BS1)

Prepared: 09/19/05 Analyzed: 09/20/05

| | | | | | | | | | | |
|----------|------|--|------|------|--|------|--------|--|--|--|
| Chloride | 8.10 | | mg/L | 10.0 | | 81.0 | 80-120 | | | |
| Sulfate | 8.85 | | " | 10.0 | | 88.5 | 80-120 | | | |

Calibration Check (EI52001-CCV1)

Prepared: 09/19/05 Analyzed: 09/20/05

| | | | | | | | | | | |
|----------|------|--|------|------|--|-----|--------|--|--|--|
| Chloride | 10.2 | | mg/L | 10.0 | | 102 | 80-120 | | | |
| Sulfate | 10.2 | | " | 10.0 | | 102 | 80-120 | | | |

Duplicate (EI52001-DUP1)

Source: 5I19003-01

Prepared: 09/19/05 Analyzed: 09/20/05

| | | | | | | | | | | |
|----------|-----|------|------|--|-----|--|--|-------|----|--|
| Chloride | 154 | 5.00 | mg/L | | 151 | | | 1.97 | 20 | |
| Sulfate | 134 | 5.00 | " | | 133 | | | 0.749 | 20 | |

Batch EI52004 - General Preparation (WetChem)

Calibration Check (EI52004-CCV1)

Prepared & Analyzed: 09/19/05

| | | | | | | | | | | |
|----|------|--|----------|------|--|------|------------|--|--|------|
| pH | 6.96 | | pH Units | 7.00 | | 99.4 | 97.5-102.5 | | | O-04 |
|----|------|--|----------|------|--|------|------------|--|--|------|

Duplicate (EI52004-DUP1)

Source: 5I19003-01

Prepared & Analyzed: 09/19/05

| | | | | | | | | | | |
|----|------|--|----------|--|------|--|--|-------|-----|------|
| pH | 7.27 | | pH Units | | 7.32 | | | 0.685 | 2.5 | O-04 |
|----|------|--|----------|--|------|--|--|-------|-----|------|

Batch EI52214 - General Preparation (WetChem)

Blank (EI52214-BLK1)

Prepared & Analyzed: 09/21/05

| | | | | | | | | | | |
|------------------|----|------|------|--|--|--|--|--|--|--|
| Total Alkalinity | ND | 2.00 | mg/L | | | | | | | |
|------------------|----|------|------|--|--|--|--|--|--|--|

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

Project: Rice/ EME H-13
Project Number: 2307
Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
09/28/05 15:18

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 EI52214 - General Preparation (WetChem)

Calibration Check (EI52214-CCV1)

Prepared & Analyzed: 09/21/05

Bicarbonate Alkalinity 229 mg/L 200 114 80-120

Duplicate (EI52214-DUP1)

Source: 5I19006-01

Prepared & Analyzed: 09/21/05

Total Alkalinity 174 2.00 mg/L 173 0.576 20

Batch EI52607 - General Preparation (WetChem)

Blank (EI52607-BLK1)

Prepared & Analyzed: 09/22/05

Total Dissolved Solids ND 5.00 mg/L

Duplicate (EI52607-DUP1)

Source: 5I19003-01

Prepared & Analyzed: 09/22/05

Total Dissolved Solids 812 5.00 mg/L 840 3.39 5

Duplicate (EI52607-DUP2)

Source: 5I19033-08

Prepared & Analyzed: 09/22/05

Total Dissolved Solids 22100 5.00 mg/L 22400 1.35 5

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

Project: Rice/ EME H-13
 Project Number: 2307
 Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
 09/28/05 15:18

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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch EI52709 - 6010B/No Digestion

Blank (EI52709-BLK1)

Prepared & Analyzed: 09/27/05

| | | | | | | | | | | |
|-----------|----|---------|------|--|--|--|--|--|--|--|
| Calcium | ND | 0.0100 | mg/L | | | | | | | |
| Magnesium | ND | 0.00100 | " | | | | | | | |
| Potassium | ND | 0.0500 | " | | | | | | | |
| Sodium | ND | 0.0100 | " | | | | | | | |

Calibration Check (EI52709-CCV1)

Prepared & Analyzed: 09/27/05

| | | | | | | | | | | |
|-----------|------|--|------|------|--|------|--------|--|--|--|
| Calcium | 2.02 | | mg/L | 2.00 | | 101 | 85-115 | | | |
| Magnesium | 1.83 | | " | 2.00 | | 91.5 | 85-115 | | | |
| Potassium | 2.08 | | " | 2.00 | | 104 | 85-115 | | | |
| Sodium | 1.77 | | " | 2.00 | | 88.5 | 85-115 | | | |

Duplicate (EI52709-DUP1)

Source: 5I19003-01

Prepared & Analyzed: 09/27/05

| | | | | | | | | | | |
|-----------|------|--------|------|--|------|--|--|-------|----|--|
| Calcium | 78.0 | 0.500 | mg/L | | 80.2 | | | 2.78 | 20 | |
| Magnesium | 32.2 | 0.0100 | " | | 32.6 | | | 1.23 | 20 | |
| Potassium | 8.07 | 0.250 | " | | 8.08 | | | 0.124 | 20 | |
| Sodium | 88.9 | 0.500 | " | | 87.7 | | | 1.36 | 20 | |

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

Project: Rice/ EME H-13
Project Number: 2307
Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
09/28/05 15:18

Notes and Definitions

O-04 This sample was analyzed outside the EPA recommended holding time.

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:

Roland K Tuttle

Date:

9/28/2005

Roland 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.

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

Environmental Lab of Texas

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

Client: Highlander
 Date/Time: 9/16/05 3:45
 Order #: SI19007
 Initials: CK

Sample Receipt Checklist

| | | | | |
|-----------------------------------------------------------|-----|----|----------------|---|
| Temperature of container/cooler? | Yes | No | 30 | 0 |
| 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:

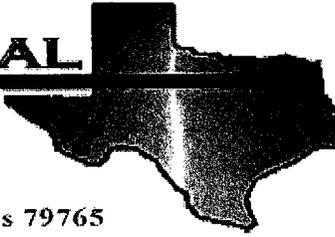
Contact Person: - _____ Date/Time: _____ Contacted by: _____
 Regarding: _____

Corrective Action Taken:

Analytical Report

10/26/2005

E NVIRONMENTAL
LAB OF



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 H-13 Leak

Project Number: None Given

Location: Lea County

Lab Order Number: 5J20011

Report Date: 10/26/05

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

Project: EME H-13 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
10/26/05 17:04

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------------|---------------|--------|----------------|----------------|
| Monitor Well #1 | 5J20011-01 | Water | 10/19/05 12:00 | 10/20/05 09:30 |

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

Project: EME H-13 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471
Reported:
10/26/05 17:04

Organics by GC
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------------------------|--------|-----------------|-------|---------------|---------|----------|----------|-----------|-------|
| Monitor Well #1 (5J20011-01) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | EJ52011 | 10/20/05 | 10/20/05 | 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> | | <i>102 %</i> | | <i>80-120</i> | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | <i>90.8 %</i> | | <i>80-120</i> | " | " | " | " | |

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

Project: EME H-13 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
10/26/05 17:04

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 (5J20011-01) Water | | | | | | | | | |
| Total Alkalinity | 214 | 2.00 | mg/L | 1 | EJ52114 | 10/21/05 | 10/21/05 | EPA 310.2M | |
| Chloride | 1450 | 25.0 | " | 50 | EJ52110 | 10/21/05 | 10/21/05 | EPA 300.0 | |
| Total Dissolved Solids | 4760 | 5.00 | " | 1 | EJ52403 | 10/20/05 | 10/21/05 | EPA 160.1 | |
| Sulfate | 286 | 25.0 | " | 50 | EJ52110 | 10/21/05 | 10/21/05 | EPA 300.0 | |

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

Project: EME H-13 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471
Reported:
10/26/05 17:04

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Monitor Well #1 (5J20011-01) Water | | | | | | | | | |
| Calcium | 361 | 1.00 | mg/L | 100 | E152111 | 10/21/05 | 10/21/05 | EPA 6010B | |
| Magnesium | 174 | 0.0500 | " | 50 | " | " | " | " | |
| Potassium | 19.2 | 0.500 | " | 10 | " | " | " | " | |
| Sodium | 750 | 1.00 | " | 100 | " | " | " | " | |

Environmental Lab of Texas

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

Project: EME H-13 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471
Reported:
10/26/05 17:04

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 EJ52011 - EPA 5030C (GC) | | | | | | | | | | |
| Blank (EJ52011-BLK1) Prepared & Analyzed: 10/20/05 | | | | | | | | | | |
| 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 | 38.1 | | ug/l | 40.0 | | 95.2 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 35.4 | | " | 40.0 | | 88.5 | 80-120 | | | |
| LCS (EJ52011-BS1) Prepared & Analyzed: 10/20/05 | | | | | | | | | | |
| Benzene | 0.0402 | 0.00100 | mg/L | 0.0500 | | 80.4 | 80-120 | | | |
| Toluene | 0.0490 | 0.00100 | " | 0.0500 | | 98.0 | 80-120 | | | |
| Ethylbenzene | 0.0592 | 0.00100 | " | 0.0500 | | 118 | 80-120 | | | |
| Xylene (p/m) | 0.115 | 0.00100 | " | 0.100 | | 115 | 80-120 | | | |
| Xylene (o) | 0.0584 | 0.00100 | " | 0.0500 | | 117 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 37.3 | | ug/l | 40.0 | | 93.2 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 39.9 | | " | 40.0 | | 99.8 | 80-120 | | | |
| Calibration Check (EJ52011-CCV1) Prepared: 10/20/05 Analyzed: 10/24/05 | | | | | | | | | | |
| Benzene | 0.0598 | | mg/L | 0.0500 | | 120 | 80-120 | | | |
| Toluene | 0.0593 | | " | 0.0500 | | 119 | 80-120 | | | |
| Ethylbenzene | 0.0586 | | " | 0.0500 | | 117 | 80-120 | | | |
| Xylene (p/m) | 0.113 | | " | 0.100 | | 113 | 80-120 | | | |
| Xylene (o) | 0.0584 | | " | 0.0500 | | 117 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 45.9 | | ug/l | 40.0 | | 115 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 40.0 | | " | 40.0 | | 100 | 80-120 | | | |
| Matrix Spike (EJ52011-MS1) Source: 5J20030-02 Prepared: 10/20/05 Analyzed: 10/24/05 | | | | | | | | | | |
| Benzene | 0.0578 | 0.00100 | mg/L | 0.0500 | ND | 116 | 80-120 | | | |
| Toluene | 0.0568 | 0.00100 | " | 0.0500 | ND | 114 | 80-120 | | | |
| Ethylbenzene | 0.0584 | 0.00100 | " | 0.0500 | ND | 117 | 80-120 | | | |
| Xylene (p/m) | 0.109 | 0.00100 | " | 0.100 | ND | 109 | 80-120 | | | |
| Xylene (o) | 0.0571 | 0.00100 | " | 0.0500 | ND | 114 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 41.9 | | ug/l | 40.0 | | 105 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 34.8 | | " | 40.0 | | 87.0 | 80-120 | | | |

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

Project: EME H-13 Leak
 Project Number: None Given
 Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
 10/26/05 17:04

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 EJ52011 - EPA 5030C (GC)

Matrix Spike Dup (EJ52011-MSD1)

Source: 5J20030-02

Prepared: 10/20/05 Analyzed: 10/24/05

| | | | | | | | | | | |
|-----------------------------------|--------|---------|------|--------|----|-----|--------|------|----|--|
| Benzene | 0.0591 | 0.00100 | mg/L | 0.0500 | ND | 118 | 80-120 | 1.71 | 20 | |
| Toluene | 0.0599 | 0.00100 | " | 0.0500 | ND | 120 | 80-120 | 5.13 | 20 | |
| Ethylbenzene | 0.0597 | 0.00100 | " | 0.0500 | ND | 119 | 80-120 | 1.69 | 20 | |
| Xylene (p/m) | 0.119 | 0.00100 | " | 0.100 | ND | 119 | 80-120 | 8.77 | 20 | |
| Xylene (o) | 0.0596 | 0.00100 | " | 0.0500 | ND | 119 | 80-120 | 4.29 | 20 | |
| Surrogate: a,a,a-Trifluorotoluene | 43.8 | | ug/l | 40.0 | | 110 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 40.7 | | " | 40.0 | | 102 | 80-120 | | | |

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

Project: EME H-13 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471
Reported:
10/26/05 17:04

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 EJ52110 - General Preparation (WetChem) | | | | | | | | | | |
| Blank (EJ52110-BLK1) Prepared & Analyzed: 10/21/05 | | | | | | | | | | |
| Chloride | ND | 0.500 | mg/L | | | | | | | |
| Sulfate | ND | 0.500 | " | | | | | | | |
| LCS (EJ52110-BS1) Prepared & Analyzed: 10/21/05 | | | | | | | | | | |
| Chloride | 8.53 | | mg/L | 10.0 | | 85.3 | 80-120 | | | |
| Sulfate | 8.86 | | " | 10.0 | | 88.6 | 80-120 | | | |
| Calibration Check (EJ52110-CCV1) Prepared & Analyzed: 10/21/05 | | | | | | | | | | |
| Chloride | 8.88 | | mg/L | 10.0 | | 88.8 | 80-120 | | | |
| Sulfate | 9.26 | | " | 10.0 | | 92.6 | 80-120 | | | |
| Duplicate (EJ52110-DUP1) Source: 5J20007-01 Prepared & Analyzed: 10/21/05 | | | | | | | | | | |
| Chloride | 992 | 12.5 | mg/L | | 978 | | | 1.42 | 20 | |
| Sulfate | 355 | 12.5 | " | | 357 | | | 0.562 | 20 | |
| Batch EJ52114 - General Preparation (WetChem) | | | | | | | | | | |
| Blank (EJ52114-BLK1) Prepared & Analyzed: 10/21/05 | | | | | | | | | | |
| Total Alkalinity | ND | 2.00 | mg/L | | | | | | | |
| Duplicate (EJ52114-DUP1) Source: 5J20006-01 Prepared & Analyzed: 10/21/05 | | | | | | | | | | |
| Total Alkalinity | 229 | 2.00 | mg/L | | 230 | | | 0.436 | 20 | |
| Reference (EJ52114-SRM1) Prepared & Analyzed: 10/21/05 | | | | | | | | | | |
| Bicarbonate Alkalinity | 229 | | mg/L | 200 | | 114 | 80-120 | | | |

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

Project: EME H-13 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
10/26/05 17:04

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 EJ52403 - General Preparation (WetChem)

Blank (EJ52403-BLK1)

Prepared: 10/20/05 Analyzed: 10/21/05

Total Dissolved Solids ND 5.00 mg/L

Duplicate (EJ52403-DUP1)

Source: 5J20006-01

Prepared: 10/20/05 Analyzed: 10/21/05

Total Dissolved Solids 732 5.00 mg/L 766 4.54 5

Environmental Lab of Texas

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

Project: EME H-13 Leak
 Project Number: None Given
 Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471
 Reported:
 10/26/05 17:04

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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch EJ52111 - 6010B/No Digestion

Blank (EJ52111-BLK1)

Prepared & Analyzed: 10/21/05

| | | | | | | | | | | |
|-----------|----|---------|------|--|--|--|--|--|--|--|
| Calcium | ND | 0.0100 | mg/L | | | | | | | |
| Magnesium | ND | 0.00100 | " | | | | | | | |
| Potassium | ND | 0.0500 | " | | | | | | | |
| Sodium | ND | 0.0100 | " | | | | | | | |

Calibration Check (EJ52111-CCV1)

Prepared & Analyzed: 10/21/05

| | | | | | | | | | | |
|-----------|------|--|------|------|--|------|--------|--|--|--|
| Calcium | 1.94 | | mg/L | 2.00 | | 97.0 | 85-115 | | | |
| Magnesium | 2.11 | | " | 2.00 | | 106 | 85-115 | | | |
| Potassium | 1.86 | | " | 2.00 | | 93.0 | 85-115 | | | |
| Sodium | 1.89 | | " | 2.00 | | 94.5 | 85-115 | | | |

Duplicate (EJ52111-DUP1)

Source: SJ20006-01

Prepared & Analyzed: 10/21/05

| | | | | | | | | | | |
|-----------|------|--------|------|--|------|--|--|-------|----|--|
| Calcium | 43.0 | 0.100 | mg/L | | 43.2 | | | 0.464 | 20 | |
| Magnesium | 23.8 | 0.0100 | " | | 24.0 | | | 0.837 | 20 | |
| Potassium | 11.0 | 0.500 | " | | 10.9 | | | 0.913 | 20 | |
| Sodium | 136 | 0.500 | " | | 135 | | | 0.738 | 20 | |

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

Project: EME H-13 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

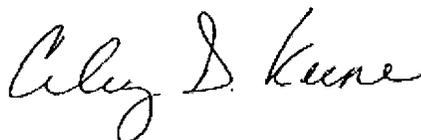
Fax: (505) 397-1471

Reported:
10/26/05 17:04

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: 10/26/2005

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

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

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Environmental Lab of Texas

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

Client: Rice

Date/Time: 10/20/05 9:30

Order #: 5520011

Initials: CK

Sample Receipt Checklist

| Temperature of container/cooler? | Yes | No | 1.0 | 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? | Yes | No | Not Applicable | |

Other observations:

Variance Documentation:

Contact Person: - _____ Date/Time: _____ Contacted by: _____
 Regarding: _____

Corrective Action Taken:

