

AP - 49

**ANNUAL
MONITORING REPORT**

YEAR(S):
2005



Highlander Environmental Corp.

Midland, Texas

2006 MAR 24 PM 12 03

CERTIFIED MAIL
RETURN RECEIPT NO. 7004 2510 0001 1869 0996

March 16, 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, Justis Saltwater Disposal System (SWD) Well #H-2, Unit H, Section 2, T-26-S, R-37-E, Lea County, New Mexico, NMOCD CASE #1R0423-01 (AP-49)

Dear Mr. Price:

Highlander Environmental Corp. (Highlander) takes this opportunity to submit the 2005 Annual Summary Report for the Rice Operating Company (ROC) Justis SWD Well #H-2 site located in the Justis Salt Water Disposal System.

Background

On August 2, 2001, ROC submitted a Redwood Tank Replacement Closure Plan with the NMOCD. Tank replacement activities began at the Justis H-2 SWD facility on November 6, 2001 and are complete. On December 12, 2002, ROC submitted a Redwood Tank and Emergency Pit Closure Report for the Justis SWD Facility H-2. Soil samples were collected during tank replacement and sample results prompted the placement of monitor wells.

In January 2002, three (3) monitor wells were installed to evaluate groundwater in the vicinity of the H-2 injection facility. Originally, two monitor wells, MW-1 and MW-2 showed elevated chloride levels. On January 18, 2002, the NMOCD was notified of groundwater impact. After several quarterly sampling events, MW-2 continued to show elevated chloride levels. As a result, two (2) additional monitor wells were installed in February 2004.

Stage I Abatement Plan

On May 5, 2005, Daniel Sanchez with the NMOCD requested a Rule 19, Stage I

Abatement Plan for this site. On July 13, 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.

Monitor Well Sampling

All five of the site monitoring wells were sampled on March 29, June 16, September 15 and December 5, 2005 (Quarterly). Prior to sampling, the wells were gauged for static water levels. All monitor well caps were opened and water level measurements were taken from the top of the casing. The measurements were taken to the nearest 0.01 feet.

Each well was purged using a portable submersible pump. Approximately three casing volumes of water were purged from each well prior to sampling. Between wells, 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.

Each well was 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. All of 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 B.

Water table maps were generated for all four quarterly sampling events, using the water level measurement data and are included as Figures 3-6. The general hydraulic gradient appears to be consistently towards the north-northwest.

Monitor Well Sample Results

Chloride concentrations from monitor wells MW-1, MW-3, MW-4 and MW-5 were all below the New Mexico Water Quality Control Commission (WQCC) standards of 250 mg/L during all four quarters of 2005. Only MW-2 exceeded the WQCC standard for all four quarters. No BTEX concentrations were detected at or above reporting limits in 2005. Cumulative analytical data is summarized in the Table Section of this report.

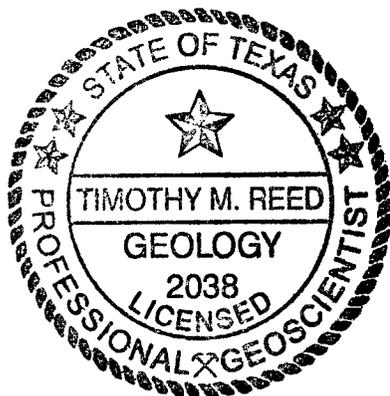
Hydrographs representing fluctuations in groundwater levels were prepared for all of the monitoring wells and are included in Appendix A. Hydrographs of the monitor wells



previously have shown an overall decline in water levels, however, in 2005, the water levels appeared to stabilize somewhat. Chloride levels have been consistently elevated in MW-2.

Conclusions and Recommendations

1. In 2005, there were no BTEX constituents at or above the New Mexico Water Quality Control Commission (WQCC) standards.
2. Chloride and TDS concentrations from monitor wells MW-1, MW-3, MW-4 and MW-5 were all below the New Mexico Water Quality Control Commission (WQCC) standards of 250 mg/L and 1000 mg/L, respectively, during all four quarters of 2005. Only MW-2 exceeded the WQCC standard for all four quarters.
3. Hydrographs of the monitor wells previously have shown an overall decline in water levels, however, in 2005, the water levels appeared to stabilize somewhat. The hydraulic gradient continues to trend towards the north-northwest, although the regional hydraulic gradient is towards the southeast.
4. 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.
5. 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.



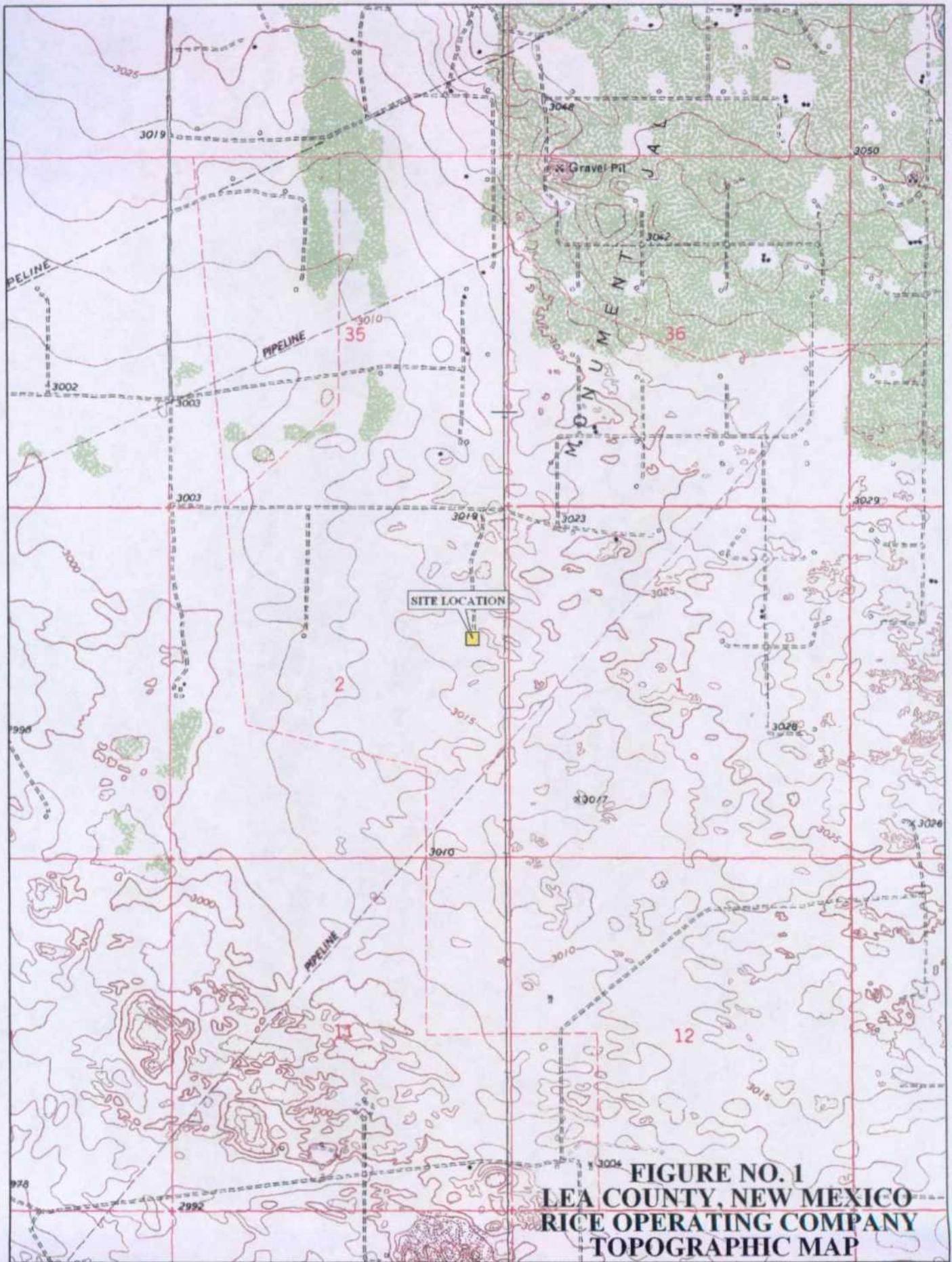
Respectfully Submitted,
HIGHLANDER ENVIRONMENTAL CORP.

A handwritten signature in cursive script that reads "Tim Reed". The signature is written in black ink and is positioned above a horizontal line.

Timothy M. Reed, P.G.
Vice President

cc: ROC

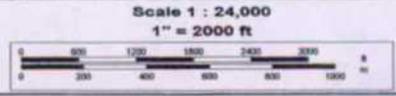




**FIGURE NO. 1
LEA COUNTY, NEW MEXICO
RICE OPERATING COMPANY
TOPOGRAPHIC MAP**



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www.delorme.com

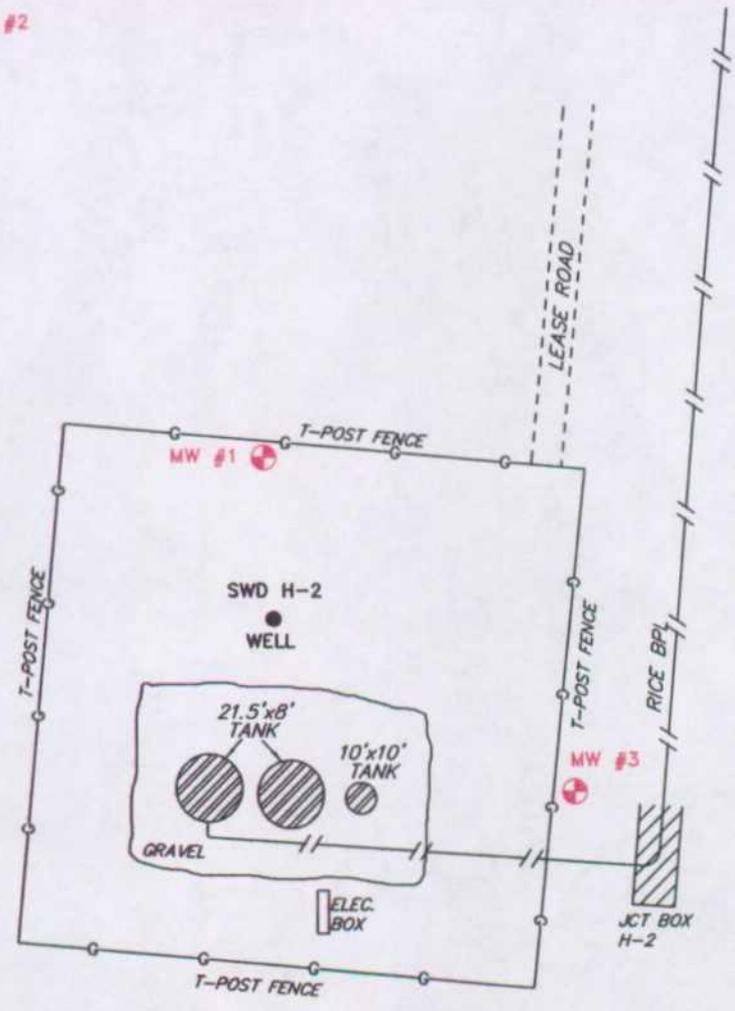




MW #5

MW #2

MW #4



| WELL # | ELEVATION (PVC) |
|--------|-----------------|
| MW #1 | 3023.45' |
| MW #2 | 3022.89' |
| MW #3 | 3019.98' |
| MW #4 | 3023.15' |
| MW #5 | 3021.06' |

MONITOR WELL LOCATION

SCALE: 1"=60'

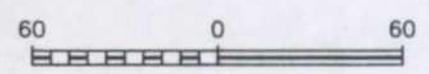
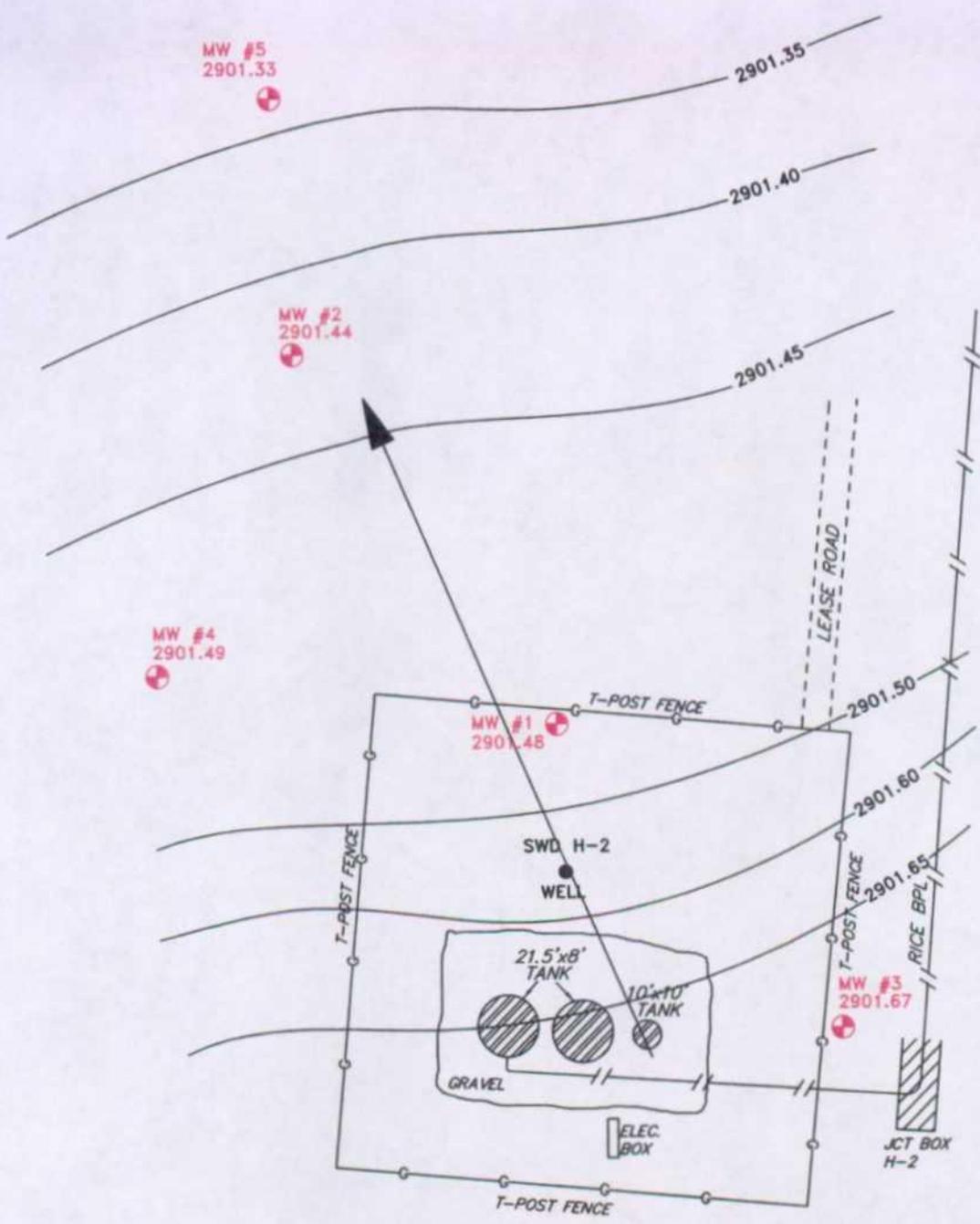


FIGURE NO. 2

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| LEA COUNTY, NEW MEXICO |
| RICE OPERATING COMPANY |
| SITE MAP |
| HIGHLANDER ENVIRONMENTAL CORP. MIDLAND, TEXAS |

DATE:
4/30/04
DWG. BY:
JJ
FILE:
C:\RICE\SITE MAP
A210



| WELL # | ELEVATION (PVC) |
|--------|-----------------|
| MW #1 | 3023.45' |
| MW #2 | 3022.89' |
| MW #3 | 3019.98' |
| MW #4 | 3023.15' |
| MW #5 | 3021.06' |

 MONITOR WELL LOCATION

SCALE: 1"=60'

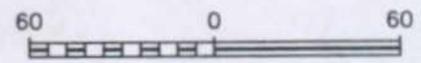
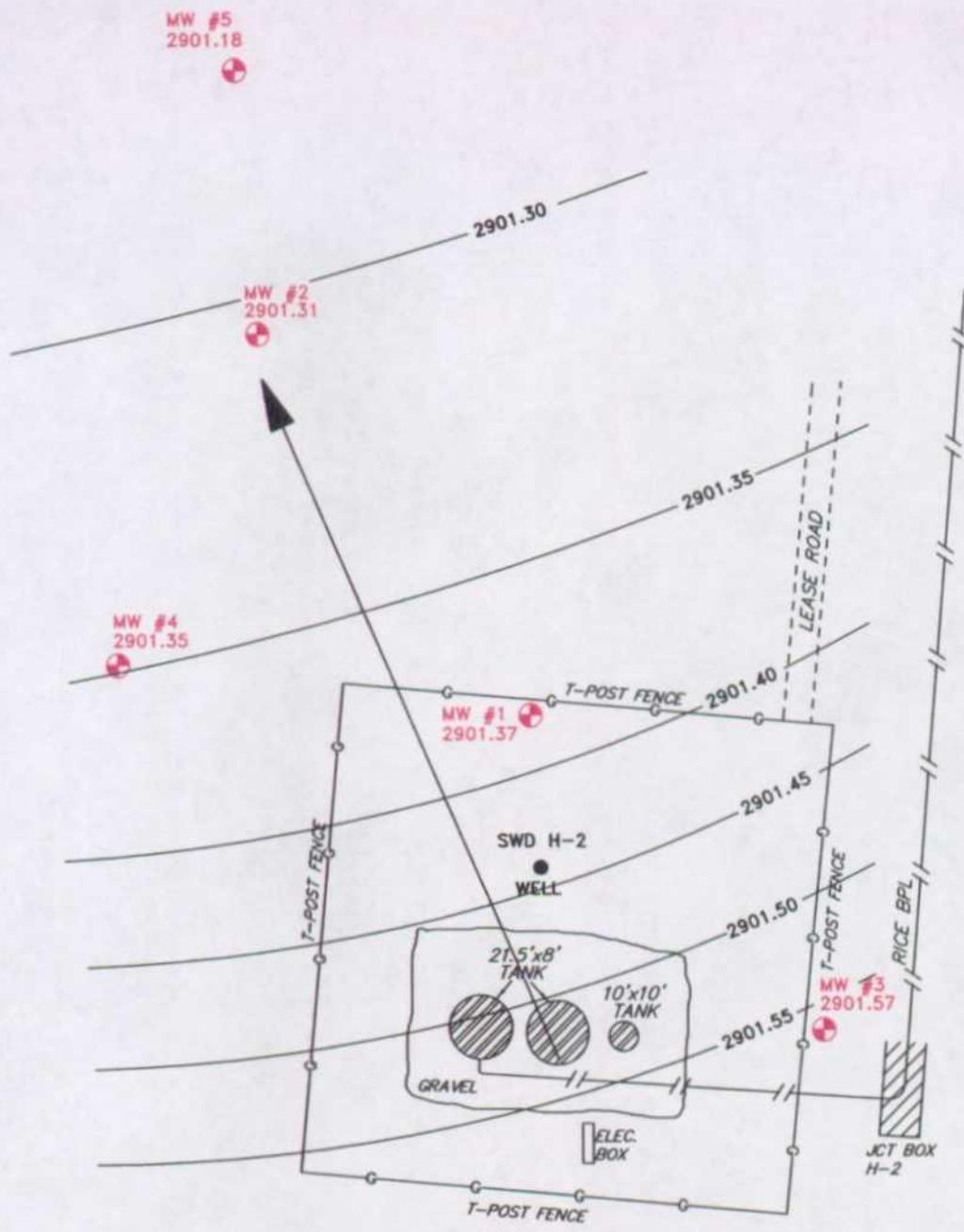


FIGURE NO. 3

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| LEA COUNTY, NEW MEXICO |
| RICE OPERATING COMPANY |
| 3/29/05 WATER TABLE MAP |
| HIGHLANDER ENVIRONMENTAL CORP. MIDLAND, TEXAS |

DATE:
3/3/06
DWD. BY:
JJ
FILE:
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WTW 3/05 A876



| WELL# | ELEVATION (PVC) |
|-------|-----------------|
| MW #1 | 3023.45' |
| MW #2 | 3022.89' |
| MW #3 | 3019.98' |
| MW #4 | 3023.15' |
| MW #5 | 3021.06' |

MONITOR WELL LOCATION

SCALE: 1"=60'

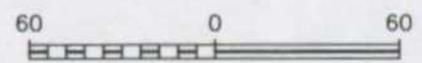
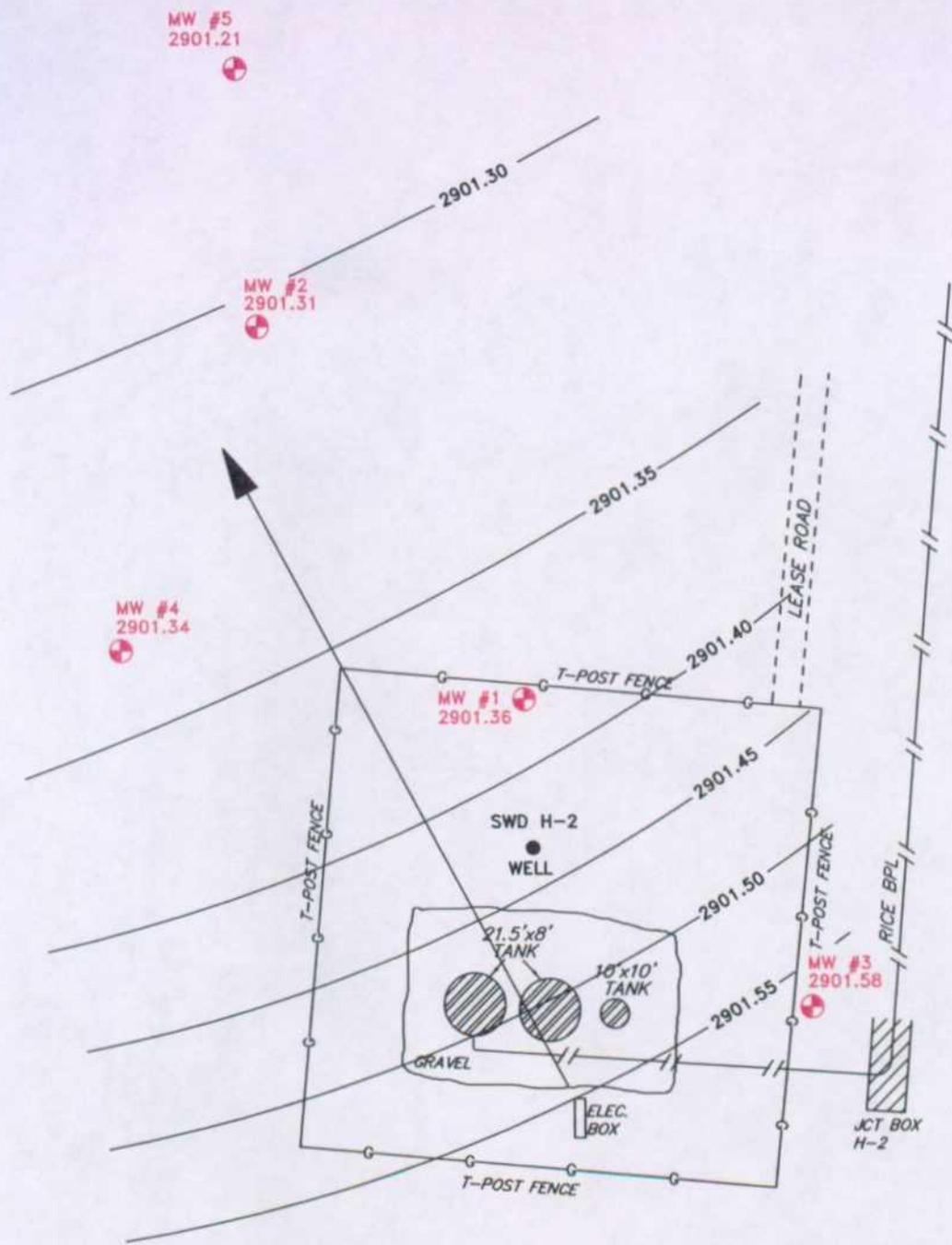


FIGURE NO. 4

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| LEA COUNTY, NEW MEXICO |
| RICE OPERATING COMPANY |
| 6/16/05 WATER TABLE MAP |
| HIGHLANDER ENVIRONMENTAL CORP. MIDLAND, TEXAS |

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3/3/06
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JJ
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A285



| WELL# | ELEVATION (PVC) |
|-------|-----------------|
| MW #1 | 3023.45' |
| MW #2 | 3022.89' |
| MW #3 | 3019.98' |
| MW #4 | 3023.15' |
| MW #5 | 3021.06' |

 MONITOR WELL LOCATION

SCALE: 1"=60'

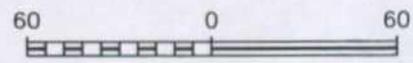
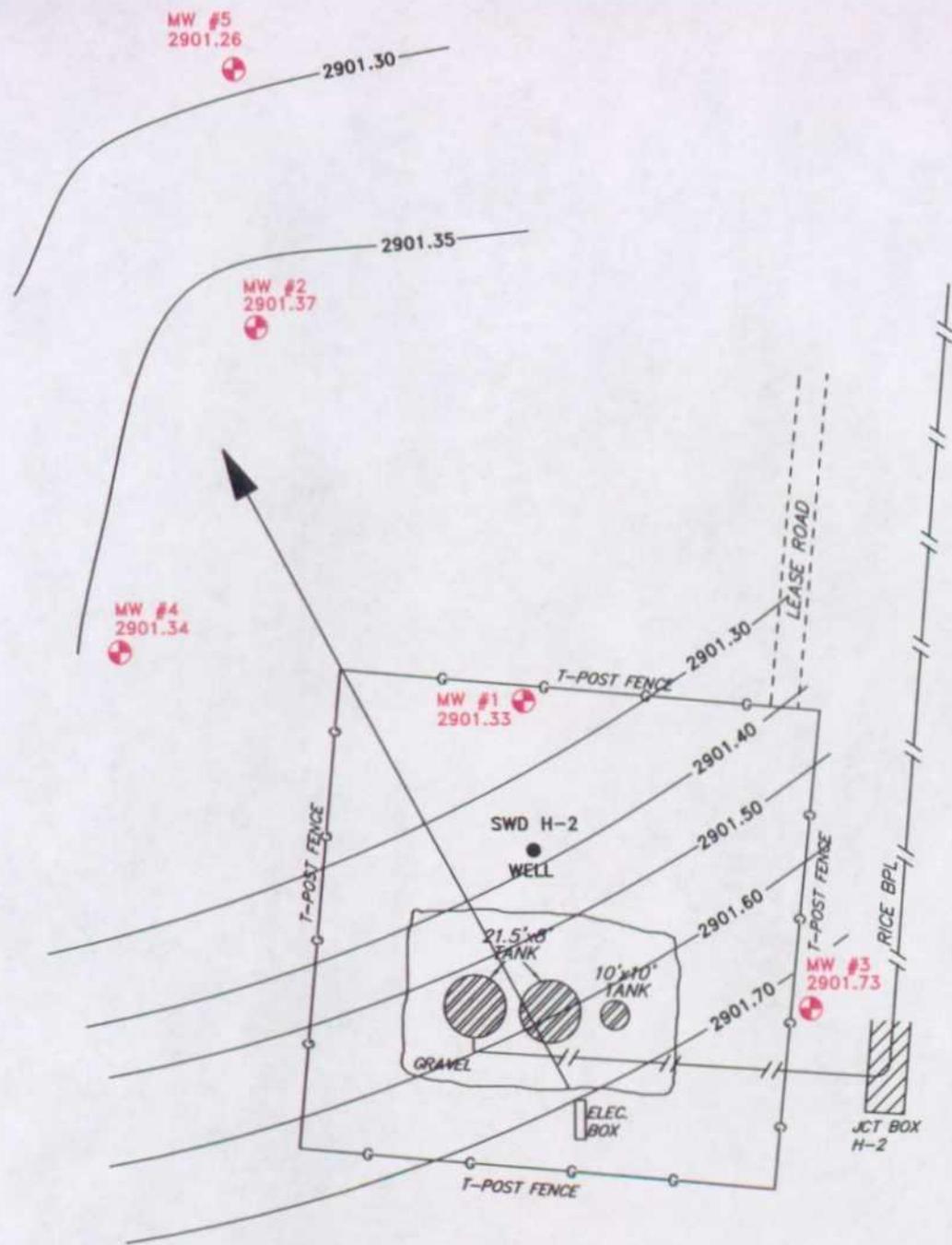


FIGURE NO. 5

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| LEA COUNTY, NEW MEXICO |
| RICE OPERATING COMPANY |
| 9/15/05 WATER TABLE MAP |
| HIGHLANDER ENVIRONMENTAL CORP. MIDLAND, TEXAS |

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3/6/06
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| WELL# | ELEVATION (PVC) |
|-------|-----------------|
| MW #1 | 3023.45' |
| MW #2 | 3022.89' |
| MW #3 | 3019.98' |
| MW #4 | 3023.15' |
| MW #5 | 3021.06' |

MONITOR WELL LOCATION

SCALE: 1"=60'

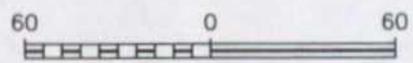


FIGURE NO. 6

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| LEA COUNTY, NEW MEXICO |
| RICE OPERATING COMPANY |
| 12/5/05 WATER TABLE MAP |
| HIGHLANDER ENVIRONMENTAL CORP. MIDLAND, TEXAS |

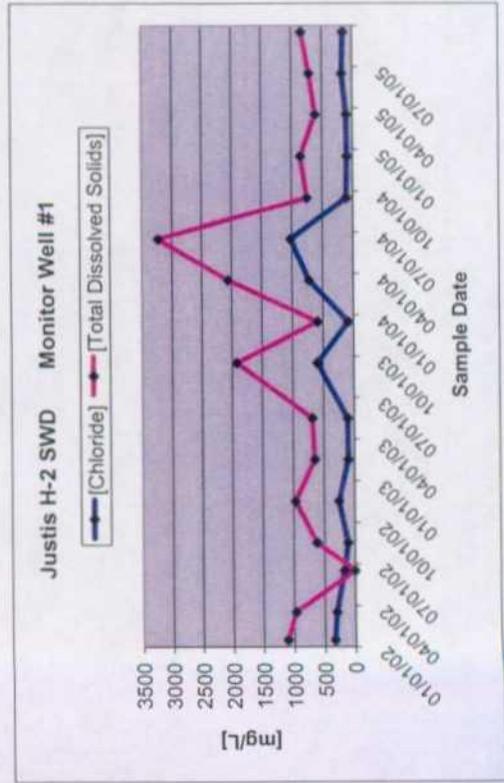
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5-inch well (flush)

Justis H-2 SWD
unit 'H', Sec. 2, T26S, R37E

All concentrations are in mg/L

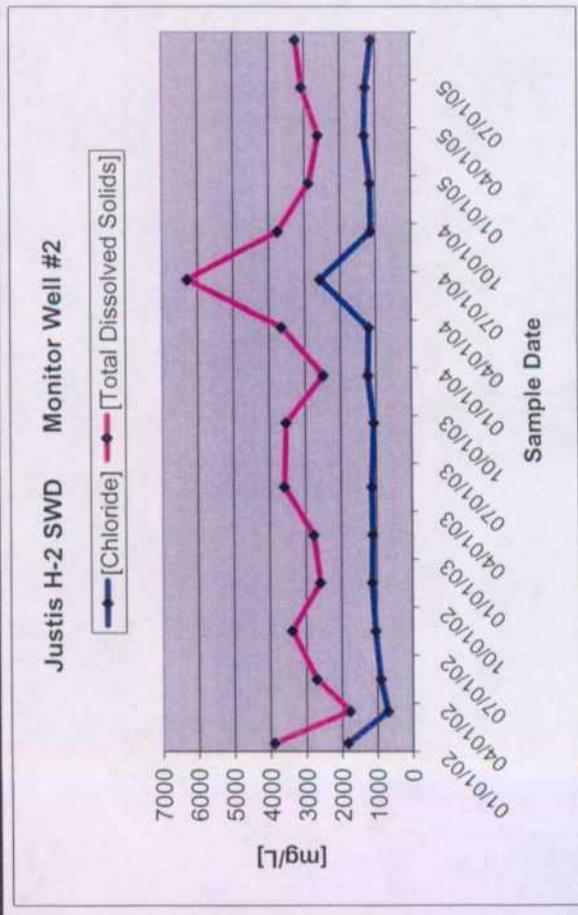
| MW # | DEPTH TO WATER | TOTAL DEPTH | WELL VOLUME | VOLUME PURGED | SAMPLE DATE | CT | TDS | BENZENE | TOLUENE | ETHYL BENZENE | TOTAL XYLENES | SULFATE |
|------|----------------|-------------|-------------|---------------|-------------|------|------|---------|---------|---------------|---------------|---------|
| | (ft) | (ft) | (gal) | (gal) | | | | | | | | |
| 1 | 116.20 | 145.00 | 18.80 | 56.40 | 01/03/02 | 336 | 1112 | <0.002 | <0.002 | <0.002 | <0.006 | 116 |
| 1 | XXX | XXX | XXX | XXX | 03/01/02 | 301 | 971 | XXX | XXX | XXX | XXX | 190 |
| 1 | XXX | XXX | XXX | XXX | 06/10/02 | 173 | XXX | 0.001 | 0.008 | 0.01 | 0.066 | XXX |
| 1 | 116.20 | 137.00 | XXX | 66.00 | 08/16/02 | 111 | 619 | <0.001 | <0.001 | <0.001 | <0.001 | 202 |
| 1 | 123.32 | 144.00 | XXX | 60.00 | 11/12/02 | 257 | 971 | <0.001 | 0.001 | <0.001 | <0.001 | 194 |
| 1 | 122.95 | 144.00 | XXX | 70.00 | 02/13/03 | 97.5 | 647 | <0.001 | <0.001 | <0.001 | <0.001 | 200 |
| 1 | 123.34 | 144.00 | XXX | 70.00 | 05/20/03 | 102 | 682 | <0.001 | <0.001 | <0.001 | <0.001 | 196 |
| 1 | 122.94 | 144.00 | XXX | 70.00 | 09/16/03 | 594 | 1920 | <0.001 | <0.001 | <0.001 | <0.001 | 186 |
| 1 | 123.19 | 144.00 | XXX | 70.00 | 12/16/03 | 81.5 | 587 | 0.013 | <0.001 | <0.001 | <0.001 | 180 |
| 1 | 122.43 | 144.00 | XXX | 70.00 | 03/11/04 | 727 | 2060 | <0.001 | <0.001 | <0.001 | <0.001 | 227 |
| 1 | 122.24 | 144.00 | XXX | 70.00 | 06/28/04 | 1030 | 3230 | 0.0056 | <0.001 | <0.001 | <0.001 | 349 |
| 1 | 122.22 | 144.00 | XXX | 70.00 | 09/23/04 | 106 | 749 | <0.001 | <0.001 | <0.001 | <0.001 | 175 |
| 1 | 122.18 | 144.00 | XXX | 68.00 | 12/21/04 | 93.1 | 858 | <0.001 | <0.001 | <0.001 | 0.00108 | 215 |
| 1 | 121.97 | 144.00 | XXX | 75.00 | 03/29/05 | 98.2 | 608 | <0.001 | <0.001 | <0.001 | <0.001 | 169 |
| 1 | 122.08 | 144.00 | XXX | 80.00 | 06/16/05 | 173 | 711 | <0.001 | <0.001 | <0.001 | <0.001 | 166 |
| 1 | 122.09 | 144.00 | XXX | 75.00 | 09/15/05 | 151 | 840 | <0.001 | <0.001 | <0.001 | <0.001 | 133 |
| 1 | 122.12 | 153.00 | 31,500 | 100.00 | 12/05/05 | 93.5 | 586 | <0.001 | <0.001 | <0.001 | <0.001 | 114 |



Justis H-2 SWD
unit 'H', Sec. 2, T26S, R37E

All concentrations are in mg/L

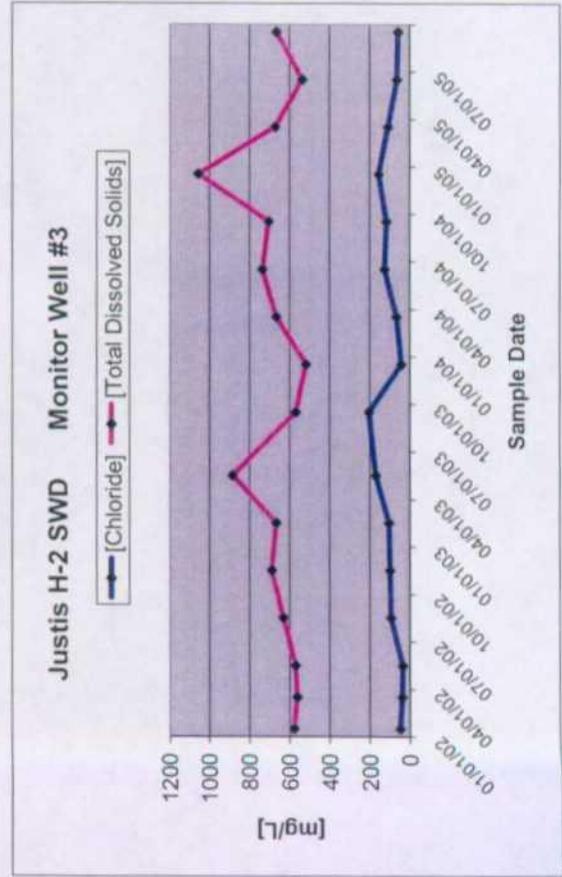
| MW # | DEPTH TO WATER | TOTAL DEPTH | WELL VOLUME | VOLUME PURGED | SAMPLE DATE | Cl ⁻ | TDS | BENZENE | TOLUENE | EIHYL BENZENE | TOTAL XYLENES | SULFATE | COMMENTS |
|------|----------------|-------------|-------------|---------------|-------------|-----------------|------|---------|---------|---------------|---------------|---------|----------|
| 2 | 122.00 | 142.60 | 13.40 | 40.30 | 01/07/02 | 1839 | 3908 | <0.002 | <0.002 | <0.002 | <0.006 | 120 | |
| 2 | XXX | XXX | XXX | XXX | 03/01/02 | 700 | 1780 | XXX | XXX | XXX | XXX | 150 | |
| 2 | XXX | XXX | XXX | XXX | 05/23/02 | 904 | 2710 | <0.001 | <0.001 | <0.001 | <0.001 | 243 | |
| 2 | 121.85 | 142.00 | XXX | 25.00 | 08/16/02 | 1040 | 3390 | <0.001 | <0.001 | <0.001 | <0.001 | 188 | |
| 2 | 122.10 | 142.00 | XXX | 25.00 | 11/12/02 | 1130 | 2600 | 0.002 | 0.003 | <0.001 | <0.002 | 200 | |
| 2 | 121.71 | 142.00 | XXX | 25.00 | 02/13/03 | 1110 | 2780 | <0.001 | <0.001 | <0.001 | <0.001 | 216 | |
| 2 | 122.08 | 142.00 | XXX | 25.00 | 05/20/03 | 1130 | 3600 | <0.001 | <0.001 | <0.001 | <0.001 | 215 | |
| 2 | 121.70 | 142.00 | XXX | 25.00 | 09/16/03 | 1070 | 3540 | <0.001 | <0.001 | <0.001 | <0.001 | 167 | |
| 2 | 122.00 | 142.00 | XXX | 30.00 | 12/16/03 | 1230 | 2490 | 0.032 | 0.003 | <0.001 | <0.001 | 202 | |
| 2 | 121.87 | 142.00 | XXX | 30.00 | 03/11/04 | 1200 | 3660 | <0.001 | <0.001 | <0.001 | <0.001 | 164 | |
| 2 | 121.74 | 142.00 | XXX | 30.00 | 06/28/04 | 2570 | 6290 | 0.0112 | <0.001 | <0.001 | <0.001 | 208 | |
| 2 | 121.70 | 142.00 | XXX | 25.00 | 09/23/04 | 1130 | 3760 | <0.001 | <0.001 | <0.001 | <0.001 | 198 | |
| 2 | 121.65 | 142.00 | XXX | 10.00 | 12/21/04 | 1150 | 2877 | 0.0055 | <0.001 | <0.001 | <0.001 | 210 | |
| 2 | 121.45 | 142.00 | XXX | 25.00 | 03/29/05 | 1310 | 2620 | <0.001 | <0.001 | <0.001 | <0.001 | 186 | |
| 2 | 121.58 | 142.00 | XXX | 30.00 | 06/16/05 | 1280 | 3080 | <0.001 | <0.001 | <0.001 | <0.001 | 221 | |
| 2 | 121.58 | 142.00 | XXX | 30.00 | 09/15/05 | 1110 | 3240 | <0.001 | <0.001 | <0.001 | <0.001 | 196 | |
| 2 | 121.52 | 142.60 | 3.400 | 20.00 | 12/5/2005 | 1110 | 2630 | <0.001 | <0.001 | <0.001 | <0.001 | 134 | |



Justis H-2 SWD
unit 'H', Sec. 2, T26S, R37E

All concentrations are in mg/L

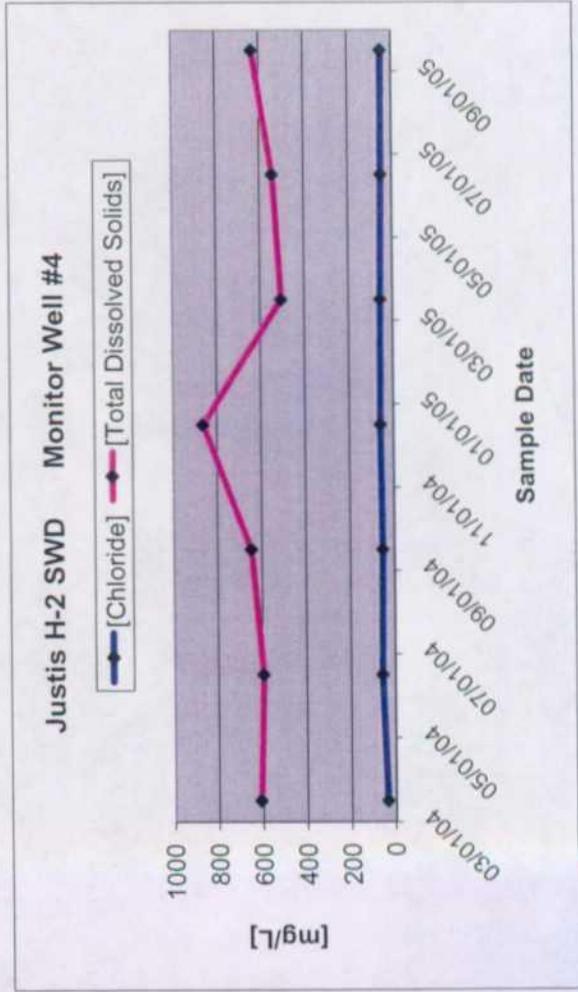
| MW # | DEPTH TO WATER | TOTAL DEPTH | WELL VOLUME | VOLUME PURGED | SAMPLE DATE | CI | TDS | BENZENE | TOLUENE | ETHYL BENZENE | TOTAL XYLENES | SULFATE | COMMENTS |
|------|----------------|-------------|-------------|---------------|-------------|------|------|---------|---------|---------------|---------------|---------|----------|
| 3 | 122.10 | 137.50 | 10.00 | 30.10 | 01/07/02 | 48 | 577 | <0.005 | <0.005 | <0.005 | <0.015 | 145 | |
| 3 | XXX | XXX | XXX | XXX | 03/01/02 | 37.2 | 561 | XXX | XXX | XXX | XXX | 167 | |
| 3 | XXX | XXX | XXX | XXX | 05/16/02 | 35.4 | 570 | <0.001 | <0.001 | <0.001 | <0.001 | 182 | |
| 3 | 118.68 | 133.00 | XXX | 20.00 | 08/16/02 | 93.1 | 631 | <0.001 | <0.001 | <0.001 | <0.001 | 238 | |
| 3 | 118.90 | 133.00 | XXX | 25.00 | 11/12/02 | 97.5 | 688 | 0.030 | 0.014 | 0.002 | 0.003 | 219 | |
| 3 | 118.53 | 133.00 | XXX | 25.00 | 02/13/03 | 102 | 666 | <0.001 | <0.001 | <0.001 | <0.001 | 250 | |
| 3 | 118.87 | 133.00 | XXX | 25.00 | 05/20/03 | 168 | 885 | <0.001 | <0.001 | <0.001 | <0.001 | 278 | |
| 3 | 118.53 | 133.00 | XXX | 25.00 | 09/16/03 | 204 | 568 | <0.001 | <0.001 | <0.001 | <0.001 | 184 | |
| 3 | 118.79 | 133.00 | XXX | 30.00 | 12/16/03 | 40.8 | 517 | 0.013 | <0.001 | <0.001 | <0.001 | 204 | |
| 3 | 118.71 | 133.00 | XXX | 30.00 | 03/11/04 | 65 | 666 | <0.001 | <0.001 | <0.001 | <0.001 | 203 | |
| 3 | 118.53 | 133.00 | XXX | 30.00 | 06/28/04 | 124 | 735 | 0.0124 | <0.001 | <0.001 | <0.001 | 295 | |
| 3 | 118.52 | 133.00 | XXX | 25.00 | 09/23/04 | 115 | 703 | 0.01113 | <0.001 | <0.001 | <0.001 | 242 | |
| 3 | 118.52 | 133.00 | XXX | 7.00 | 12/21/04 | 154 | 1057 | 0.0127 | <0.001 | 0.00144 | <0.001 | 272 | |
| 3 | 118.31 | 133.00 | XXX | 25.00 | 03/29/05 | 108 | 670 | <0.001 | <0.001 | <0.001 | <0.001 | 215 | |
| 3 | 118.41 | 133.00 | XXX | 30.00 | 06/16/05 | 62.4 | 535 | <0.001 | <0.001 | <0.001 | <0.001 | 180 | |
| 3 | 118.40 | 133.00 | XXX | 30.00 | 09/15/05 | 56.4 | 664 | <0.001 | <0.001 | <0.001 | <0.001 | 139 | |
| 3 | 118.25 | 133.70 | 2.500 | 20.00 | 12/05/05 | 30.7 | 450 | <0.001 | <0.001 | <0.001 | <0.001 | 131 | |



Justis H-2 SWD
unit 'H', Sec. 2, T26S, R37E

All concentrations are in mg/L

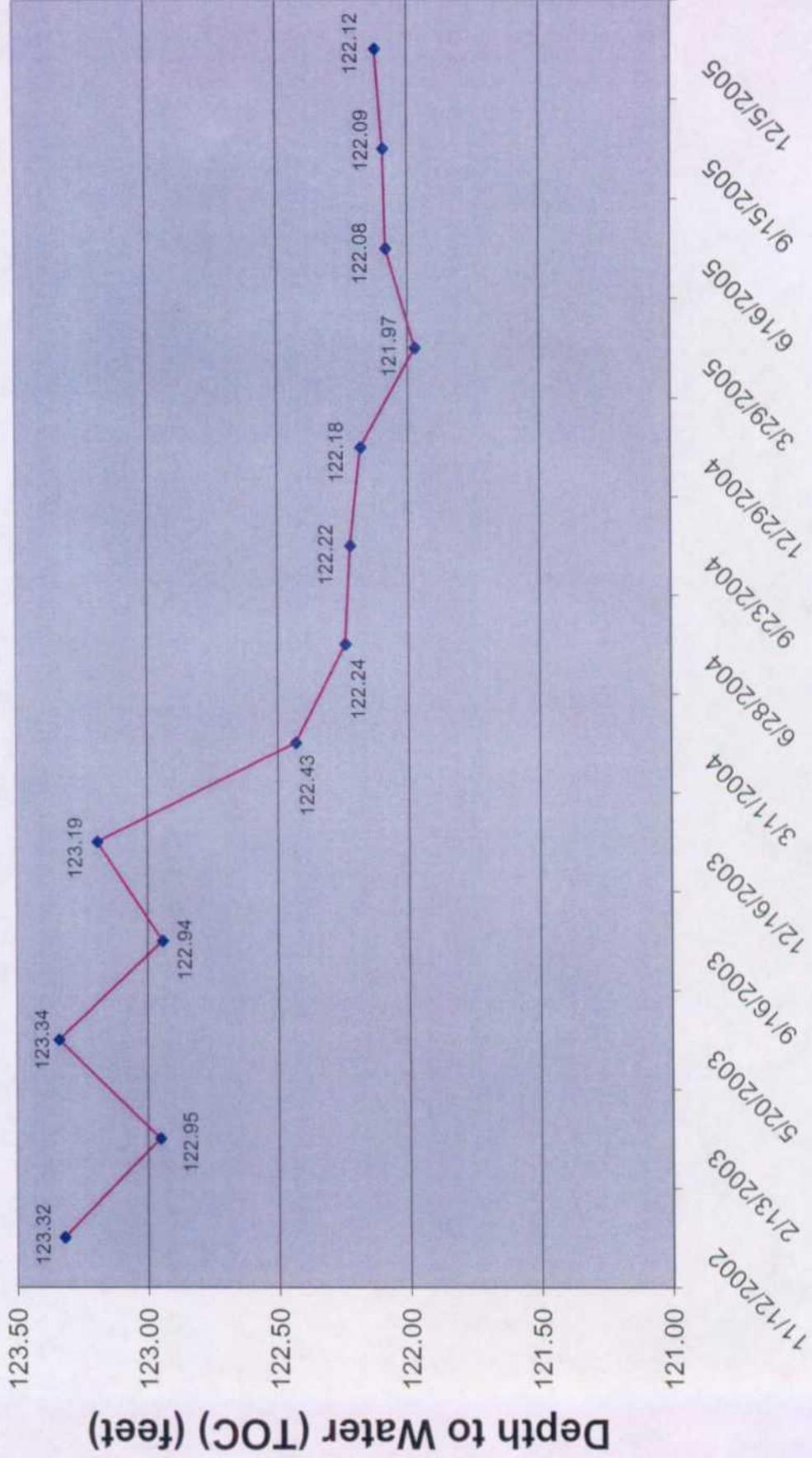
| MW # | DEPTH TO WATER | TOTAL DEPTH | WELL VOLUME | VOLUME PURGED | SAMPLE DATE | Cl ⁻ | TDS | BENZENE | TOLUENE | ETHYL BENZENE | TOTAL XYLENES | SULFATE | COMMENTS |
|------|----------------|-------------|-------------|---------------|-------------|-----------------|-----|---------|---------|---------------|---------------|---------|----------------|
| 4 | 122.12 | 137.00 | XXX | 30.00 | 03/11/04 | 35.4 | 610 | <0.001 | <0.001 | <0.001 | <0.001 | 174 | |
| 4 | 121.96 | 137.00 | XXX | 30.00 | 06/28/04 | 57.6 | 596 | 0.00749 | <0.001 | <0.001 | <0.001 | 225 | |
| 4 | 121.93 | 137.00 | XXX | 25.00 | 09/23/04 | 53.2 | 648 | <0.001 | <0.001 | <0.001 | <0.001 | 180 | |
| 4 | 121.88 | 137.00 | XXX | 8.00 | 12/21/04 | 59.1 | 865 | 0.00275 | <0.001 | <0.001 | <0.001 | 210 | calculated TDS |
| 4 | 121.66 | 137.00 | XXX | 25.00 | 03/29/05 | 55.7 | 506 | <0.001 | <0.001 | <0.001 | <0.001 | 186 | |
| 4 | 121.80 | 137.00 | XXX | 30.00 | 06/16/05 | 49.8 | 543 | <0.001 | <0.001 | <0.001 | <0.001 | 179 | |
| 4 | 121.81 | 137.00 | XXX | 30.00 | 09/15/05 | 48.2 | 634 | <0.001 | <0.001 | <0.001 | <0.001 | 135 | |
| 4 | 121.81 | 141.40 | 3.100 | 20.00 | 12/05/05 | 29.1 | 496 | <0.001 | <0.001 | <0.001 | <0.001 | 136 | |
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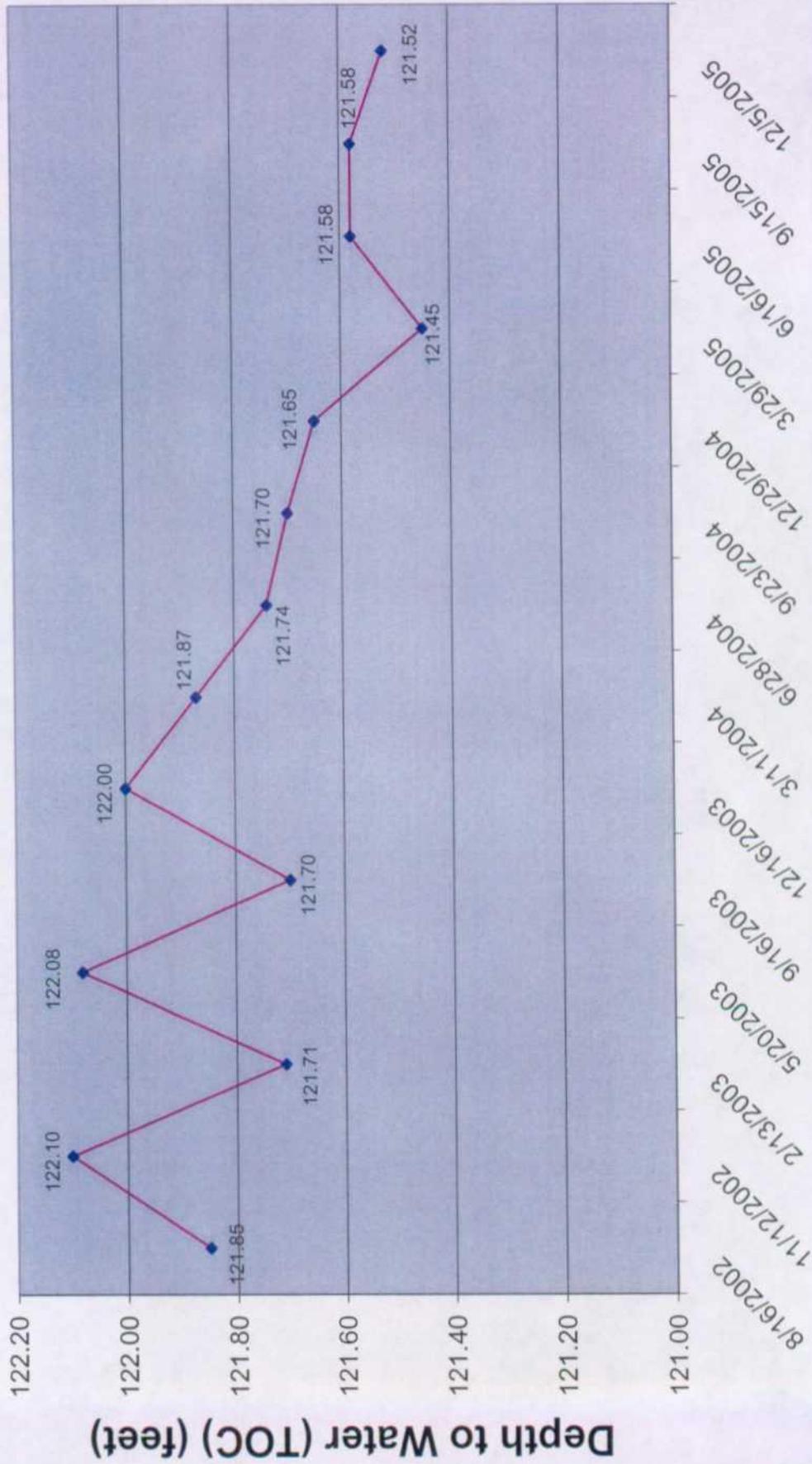
APPENDIX A

Hydrographs

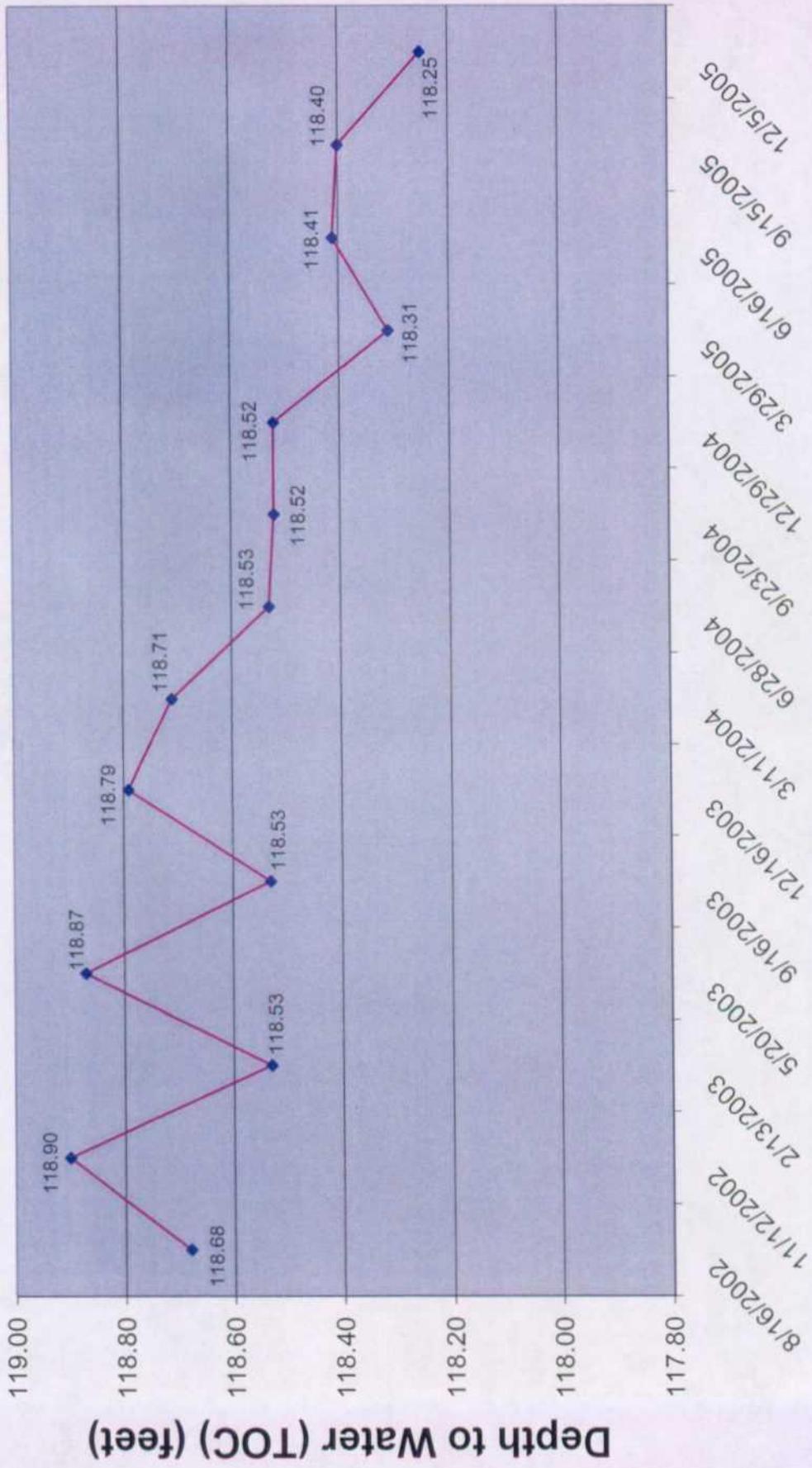
MW-1 Hydrograph



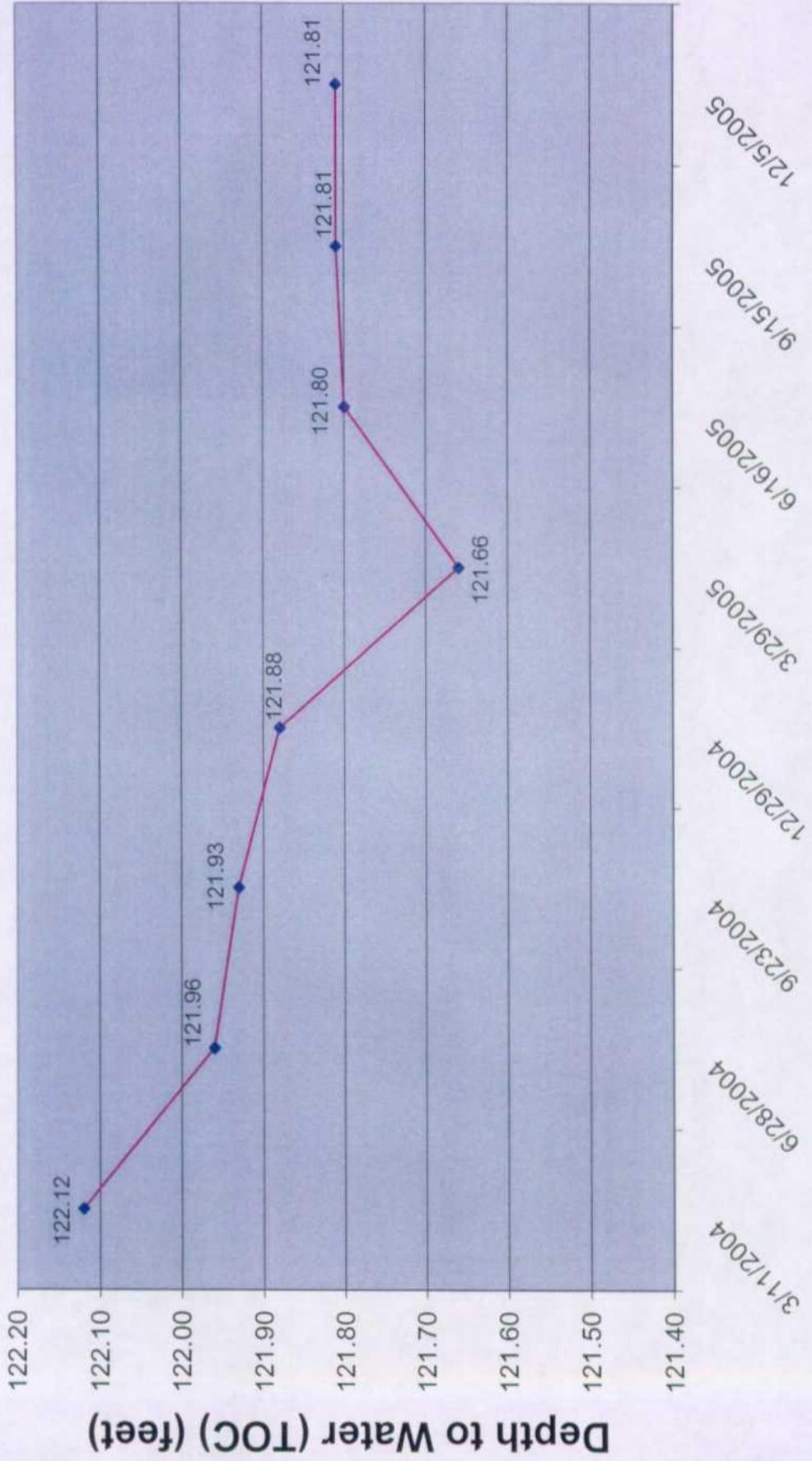
MW-2 Hydrograph



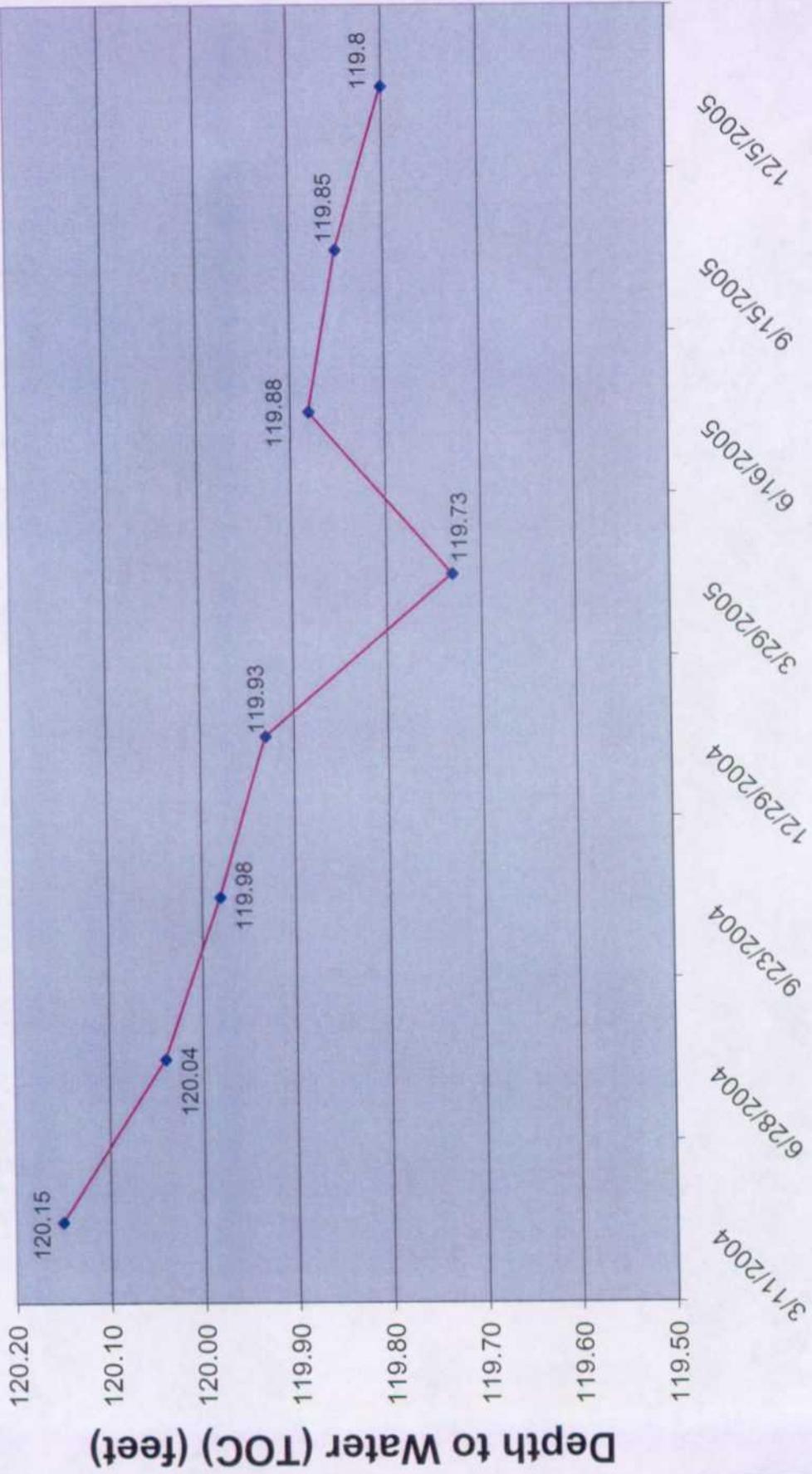
MW-3 Hydrograph



MW-4 Hydrograph



MW-5 Hydrograph

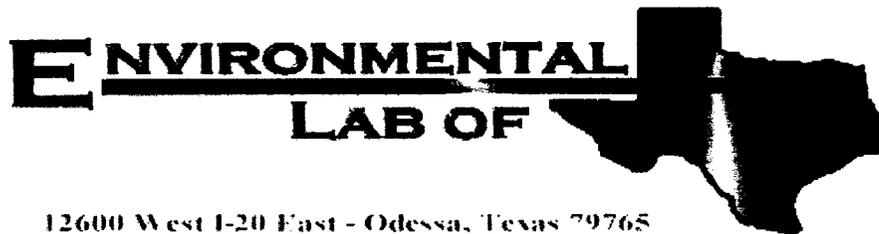


APPENDIX B

Analytical Reports

Analytical Report

4/08/2005



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Ike Tavarez

Highlander Environmental Corp.

1910 N. Big Spring St.

Midland, TX 79705

Project: Rice/ Justis H-2 SWD

Project Number: 1863

Location: Lea County, NM

Lab Order Number: 5C31009

Report Date: 04/08/05

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

Project: Rice/ Justis H-2 SWD
Project Number: 1863
Project Manager: Ike Tavarez

Fax: (432) 682-3946

Reported:
04/08/05 11:17

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| MW-1 | 5C31009-01 | Water | 03/29/05 15:00 | 03/31/05 15:00 |
| MW-2 | 5C31009-02 | Water | 03/29/05 16:00 | 03/31/05 15:00 |
| MW-3 | 5C31009-03 | Water | 03/29/05 16:50 | 03/31/05 15:00 |
| MW-4 | 5C31009-04 | Water | 03/29/05 13:55 | 03/31/05 15:00 |
| MW-5 | 5C31009-05 | Water | 03/29/05 13:15 | 03/31/05 15:00 |

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

Project: Rice/ Justis H-2 SWD
 Project Number: 1863
 Project Manager: Ike Tavaréz

Fax: (432) 682-3946

Reported:
 04/08/05 11:17

Organics by GC
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--|--------|-----------------|--------|----------|---------|----------|----------|-----------|-------|
| MW-1 (5C31009-01) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | ED50404 | 04/01/05 | 04/02/05 | 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> | | 97.5 % | 80-120 | " | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 89.0 % | 80-120 | " | " | " | " | " | |
| MW-2 (5C31009-02) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | ED50404 | 04/01/05 | 04/02/05 | 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> | | 96.0 % | 80-120 | " | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 82.0 % | 80-120 | " | " | " | " | " | |
| MW-3 (5C31009-03) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | ED50404 | 04/01/05 | 04/02/05 | 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> | | 107 % | 80-120 | " | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 84.0 % | 80-120 | " | " | " | " | " | |
| MW-4 (5C31009-04) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | ED50404 | 04/01/05 | 04/02/05 | 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> | | 104 % | 80-120 | " | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 91.5 % | 80-120 | " | " | " | " | " | |

Environmental Lab of Texas

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

Project: Rice/ Justis H-2 SWD
Project Number: 1863
Project Manager: Ike Tavarez

Fax: (432) 682-3946

Reported:
04/08/05 11:17

Organics by GC
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--|--------|-----------------|---------------|----------|---------|----------|----------|-----------|-------|
| MW-5 (5C31009-05) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | ED50404 | 04/01/05 | 04/02/05 | 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>104 %</i> | <i>80-120</i> | | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | <i>96.0 %</i> | <i>80-120</i> | | " | " | " | " | |

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

Project: Rice/ Justis H-2 SWD
Project Number: 1863
Project Manager: Ike Tavarez

Fax: (432) 682-3946
Reported:
04/08/05 11:17

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

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------|--|-------|----------|---------|----------|----------|------------|-------|
| | | Limit | | | | | | | | |
| MW-1 (5C31009-01) Water | | | | | | | | | | |
| Total Alkalinity | 167 | 2.00 | | mg/L | 1 | ED50709 | 04/07/05 | 04/07/05 | EPA 310.2M | |
| Chloride | 98.2 | 2.50 | | " | 5 | ED50612 | 04/06/05 | 04/06/05 | EPA 300.0 | |
| Total Dissolved Solids | 608 | 5.00 | | " | 1 | ED50502 | 04/04/05 | 04/05/05 | EPA 160.1 | |
| Sulfate | 169 | 2.50 | | " | 5 | ED50612 | 04/06/05 | 04/06/05 | EPA 300.0 | |
| MW-2 (5C31009-02) Water | | | | | | | | | | |
| Total Alkalinity | 130 | 2.00 | | mg/L | 1 | ED50709 | 04/07/05 | 04/07/05 | EPA 310.2M | |
| Chloride | 1310 | 12.5 | | " | 25 | ED50612 | 04/06/05 | 04/06/05 | EPA 300.0 | |
| Total Dissolved Solids | 2620 | 5.00 | | " | 1 | ED50502 | 04/04/05 | 04/05/05 | EPA 160.1 | |
| Sulfate | 186 | 12.5 | | " | 25 | ED50612 | 04/06/05 | 04/06/05 | EPA 300.0 | |
| MW-3 (5C31009-03) Water | | | | | | | | | | |
| Total Alkalinity | 156 | 2.00 | | mg/L | 1 | ED50709 | 04/07/05 | 04/07/05 | EPA 310.2M | |
| Chloride | 108 | 2.50 | | " | 5 | ED50612 | 04/06/05 | 04/06/05 | EPA 300.0 | |
| Total Dissolved Solids | 670 | 5.00 | | " | 1 | ED50502 | 04/04/05 | 04/05/05 | EPA 160.1 | |
| Sulfate | 215 | 2.50 | | " | 5 | ED50612 | 04/06/05 | 04/06/05 | EPA 300.0 | |
| MW-4 (5C31009-04) Water | | | | | | | | | | |
| Total Alkalinity | 168 | 2.00 | | mg/L | 1 | ED50709 | 04/07/05 | 04/07/05 | EPA 310.2M | |
| Chloride | 55.7 | 2.50 | | " | 5 | ED50612 | 04/06/05 | 04/06/05 | EPA 300.0 | |
| Total Dissolved Solids | 506 | 5.00 | | " | 1 | ED50502 | 04/04/05 | 04/05/05 | EPA 160.1 | |
| Sulfate | 186 | 2.50 | | " | 5 | ED50612 | 04/06/05 | 04/06/05 | EPA 300.0 | |
| MW-5 (5C31009-05) Water | | | | | | | | | | |
| Total Alkalinity | 144 | 2.00 | | mg/L | 1 | ED50709 | 04/07/05 | 04/07/05 | EPA 310.2M | |
| Chloride | 202 | 5.00 | | " | 10 | ED50612 | 04/06/05 | 04/06/05 | EPA 300.0 | |
| Total Dissolved Solids | 636 | 5.00 | | " | 1 | ED50502 | 04/04/05 | 04/05/05 | EPA 160.1 | |
| Sulfate | 201 | 5.00 | | " | 10 | ED50612 | 04/06/05 | 04/06/05 | EPA 300.0 | |

Environmental Lab of Texas

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Page 4 of 11

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

Project: Rice/ Justis H-2 SWD
Project Number: 1863
Project Manager: Ike Tavaréz

Fax: (432) 682-3946

Reported:
04/08/05 11:17

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| MW-1 (5C31009-01) Water | | | | | | | | | |
| Calcium | 71.8 | 0.100 | mg/L | 10 | ED50802 | 04/06/05 | 04/07/05 | EPA 6010B | |
| Magnesium | 38.2 | 0.0100 | " | " | " | " | " | " | |
| Potassium | 8.18 | 0.250 | " | 5 | " | " | " | " | |
| Sodium | 91.8 | 0.100 | " | 10 | " | " | " | " | |
| MW-2 (5C31009-02) Water | | | | | | | | | |
| Calcium | 321 | 1.00 | mg/L | 100 | ED50802 | 04/06/05 | 04/07/05 | EPA 6010B | |
| Magnesium | 187 | 0.100 | " | " | " | " | " | " | |
| Potassium | 21.5 | 0.500 | " | 10 | " | " | " | " | |
| Sodium | 195 | 1.00 | " | 100 | " | " | " | " | |
| MW-3 (5C31009-03) Water | | | | | | | | | |
| Calcium | 77.0 | 0.100 | mg/L | 10 | ED50802 | 04/06/05 | 04/07/05 | EPA 6010B | |
| Magnesium | 35.7 | 0.0100 | " | " | " | " | " | " | |
| Potassium | 10.9 | 0.500 | " | " | " | " | " | " | |
| Sodium | 103 | 1.00 | " | 100 | " | " | " | " | |
| MW-4 (5C31009-04) Water | | | | | | | | | |
| Calcium | 53.6 | 0.100 | mg/L | 10 | ED50802 | 04/06/05 | 04/07/05 | EPA 6010B | |
| Magnesium | 28.8 | 0.0100 | " | " | " | " | " | " | |
| Potassium | 8.83 | 0.250 | " | 5 | " | " | " | " | |
| Sodium | 90.4 | 0.100 | " | 10 | " | " | " | " | |
| MW-5 (5C31009-05) Water | | | | | | | | | |
| Calcium | 86.6 | 0.100 | mg/L | 10 | ED50802 | 04/06/05 | 04/07/05 | EPA 6010B | |
| Magnesium | 42.9 | 0.0100 | " | " | " | " | " | " | |
| Potassium | 10.0 | 0.250 | " | 5 | " | " | " | " | |
| Sodium | 110 | 0.100 | " | 10 | " | " | " | " | |

Environmental Lab of Texas

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Page 5 of 11

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

Project: Rice/ Justis H-2 SWD
Project Number: 1863
Project Manager: Ike Tavaréz

Fax: (432) 682-3946

Reported:
04/08/05 11:17

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 ED50404 - EPA 5030C (GC)

Blank (ED50404-BLK1)

Prepared & Analyzed: 04/01/05

| | | | | | | | | | | |
|-----------------------------------|------|---------|------|------|--|------|--------|--|--|--|
| 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 | 18.5 | | " | 20.0 | | 92.5 | 80-120 | | | |

LCS (ED50404-BS1)

Prepared & Analyzed: 04/01/05

| | | | | | | | | | | |
|-----------------------------------|------|--|------|------|--|------|--------|--|--|--|
| Benzene | 96.6 | | ug/l | 100 | | 96.6 | 80-120 | | | |
| Toluene | 96.1 | | " | 100 | | 96.1 | 80-120 | | | |
| Ethylbenzene | 95.2 | | " | 100 | | 95.2 | 80-120 | | | |
| Xylene (p/m) | 195 | | " | 200 | | 97.5 | 80-120 | | | |
| Xylene (o) | 93.5 | | " | 100 | | 93.5 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 21.5 | | " | 20.0 | | 108 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 17.5 | | " | 20.0 | | 87.5 | 80-120 | | | |

Calibration Check (ED50404-CCV1)

Prepared: 04/01/05 Analyzed: 04/02/05

| | | | | | | | | | | |
|-----------------------------------|------|--|------|------|--|------|--------|--|--|--|
| Benzene | 95.2 | | ug/l | 100 | | 95.2 | 80-120 | | | |
| Toluene | 95.1 | | " | 100 | | 95.1 | 80-120 | | | |
| Ethylbenzene | 96.9 | | " | 100 | | 96.9 | 80-120 | | | |
| Xylene (p/m) | 193 | | " | 200 | | 96.5 | 80-120 | | | |
| Xylene (o) | 95.6 | | " | 100 | | 95.6 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 21.7 | | " | 20.0 | | 108 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 20.7 | | " | 20.0 | | 104 | 80-120 | | | |

Matrix Spike (ED50404-MS1)

Source: 5C28003-07

Prepared: 04/01/05 Analyzed: 04/04/05

| | | | | | | | | | | |
|-----------------------------------|------|--|------|------|----|------|--------|--|--|--|
| Benzene | 93.8 | | ug/l | 100 | ND | 93.8 | 80-120 | | | |
| Toluene | 95.1 | | " | 100 | ND | 95.1 | 80-120 | | | |
| Ethylbenzene | 102 | | " | 100 | ND | 102 | 80-120 | | | |
| Xylene (p/m) | 204 | | " | 200 | ND | 102 | 80-120 | | | |
| Xylene (o) | 99.7 | | " | 100 | ND | 99.7 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 23.9 | | " | 20.0 | | 120 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 19.9 | | " | 20.0 | | 99.5 | 80-120 | | | |

Environmental Lab of Texas

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Page 6 of 11

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

Project: Rice/ Justis H-2 SWD
 Project Number: 1863
 Project Manager: Ike Tavarez

Fax: (432) 682-3946

Reported:
 04/08/05 11:17

**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 ED50404 - EPA 5030C (GC)

Matrix Spike Dup (ED50404-MSD1)

Source: 5C28003-07

Prepared: 04/01/05

Analyzed: 04/04/05

| | | | | | | | | | | |
|-----------------------------------|------|--|------|------|----|------|--------|------|----|--|
| Benzene | 91.9 | | ug/l | 100 | ND | 91.9 | 80-120 | 2.05 | 20 | |
| Toluene | 93.5 | | " | 100 | ND | 93.5 | 80-120 | 1.70 | 20 | |
| Ethylbenzene | 93.0 | | " | 100 | ND | 93.0 | 80-120 | 9.23 | 20 | |
| Xylene (p/m) | 189 | | " | 200 | ND | 94.5 | 80-120 | 7.63 | 20 | |
| Xylene (o) | 93.6 | | " | 100 | ND | 93.6 | 80-120 | 6.31 | 20 | |
| Surrogate: a,a,a-Trifluorotoluene | 22.0 | | " | 20.0 | | 110 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 16.3 | | " | 20.0 | | 81.5 | 80-120 | | | |

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

Project: Rice/ Justis H-2 SWD
 Project Number: 1863
 Project Manager: Ike Tavarez

Fax: (432) 682-3946

Reported:
 04/08/05 11:17

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/ Justis H-2 SWD
Project Number: 1863
Project Manager: Ike Tavaréz

Fax: (432) 682-3946

Reported:
04/08/05 11:17

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/ Justis H-2 SWD
 Project Number: 1863
 Project Manager: Ike Tavarez

Fax: (432) 682-3946

Reported:
 04/08/05 11:17

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 | |

Environmental Lab of Texas

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Page 10 of 11

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

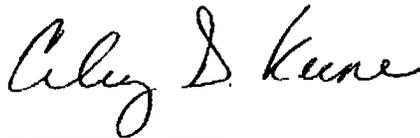
Project: Rice/ Justis H-2 SWD
Project Number: 1863
Project Manager: Ike Tavaréz

Fax: (432) 682-3946

Reported:
04/08/05 11:17

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: _____

4/8/2005

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

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

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

Environmental Lab of Texas

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Page 11 of 11

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

Client: Highlander Env.

Date/Time: 2/21/05 3:10

Order #: 5031009

Initials: CK

Sample Receipt Checklist

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

Other observations:

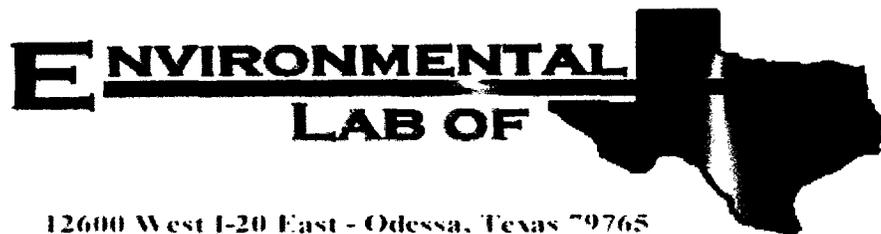
Variance Documentation:

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

Corrective Action Taken:

Analytical Report

6/28/2005



Analytical Report

Prepared for:

Tim Reed

Highlander Environmental Corp.

1910 N. Big Spring St.

Midland, TX 79705

Project: Rice/ Justis H-2 SWD

Project Number: 1863

Location: None Given

Lab Order Number: 5F20007

Report Date: 06/28/05

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

Project: Rice/ Justis H-2 SWD
Project Number: 1863
Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
06/28/05 10:39

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| MW-1 | 5F20007-01 | Water | 06/16/05 13:45 | 06/17/05 18:00 |
| MW-2 | 5F20007-02 | Water | 06/16/05 12:05 | 06/17/05 18:00 |
| MW-3 | 5F20007-03 | Water | 06/16/05 10:50 | 06/17/05 18:00 |
| MW-4 | 5F20007-04 | Water | 06/16/05 12:45 | 06/17/05 18:00 |
| MW-5 | 5F20007-05 | Water | 06/16/05 11:30 | 06/17/05 18:00 |

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

Project: Rice/ Justis H-2 SWD
 Project Number: 1863
 Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
 06/28/05 10:39

Organics by GC
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| MW-1 (5F20007-01) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | EF51702 | 06/21/05 | 06/21/05 | 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> | | 99.0 % | | 80-120 | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 80.5 % | | 80-120 | " | " | " | " | |
| MW-2 (5F20007-02) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | EF51702 | 06/21/05 | 06/21/05 | 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> | | 102 % | | 80-120 | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 93.0 % | | 80-120 | " | " | " | " | |
| MW-3 (5F20007-03) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | EF51702 | 06/21/05 | 06/21/05 | 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> | | 115 % | | 80-120 | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 88.0 % | | 80-120 | " | " | " | " | |
| MW-4 (5F20007-04) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | EF51702 | 06/21/05 | 06/21/05 | 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> | | 112 % | | 80-120 | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 81.0 % | | 80-120 | " | " | " | " | |

Environmental Lab of Texas

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

Project: Rice/ Justis H-2 SWD
Project Number: 1863
Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
06/28/05 10:39

Organics by GC
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--|--------|-----------------|--------|----------|---------|----------|----------|-----------|-------|
| MW-5 (SF20007-05) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | EF51702 | 06/21/05 | 06/21/05 | 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> | | 108 % | 80-120 | | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 82.5 % | 80-120 | | " | " | " | " | |

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

Project: Rice/ Justis H-2 SWD
Project Number: 1863
Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
06/28/05 10:39

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

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|-------|----------|---------|----------|----------|------------|-------|
| MW-1 (5F20007-01) Water | | | | | | | | | |
| Total Alkalinity | 168 | 2.00 | mg/L | 1 | EF52213 | 06/22/05 | 06/22/05 | EPA 310.2M | |
| Chloride | 173 | 5.00 | " | 10 | EF52209 | 06/20/05 | 06/20/05 | EPA 300.0 | |
| Total Dissolved Solids | 711 | 5.00 | " | 1 | EF52212 | 06/22/05 | 06/23/05 | EPA 160.1 | |
| Sulfate | 166 | 5.00 | " | 10 | EF52209 | 06/20/05 | 06/20/05 | EPA 300.0 | |
| MW-2 (5F20007-02) Water | | | | | | | | | |
| Total Alkalinity | 140 | 2.00 | mg/L | 1 | EF52213 | 06/22/05 | 06/22/05 | EPA 310.2M | |
| Chloride | 1280 | 25.0 | " | 50 | EF52209 | 06/20/05 | 06/20/05 | EPA 300.0 | |
| Total Dissolved Solids | 3080 | 5.00 | " | 1 | EF52212 | 06/22/05 | 06/23/05 | EPA 160.1 | |
| Sulfate | 221 | 25.0 | " | 50 | EF52209 | 06/20/05 | 06/20/05 | EPA 300.0 | |
| MW-3 (5F20007-03) Water | | | | | | | | | |
| Total Alkalinity | 162 | 2.00 | mg/L | 1 | EF52213 | 06/22/05 | 06/22/05 | EPA 310.2M | |
| Chloride | 62.4 | 5.00 | " | 10 | EF52209 | 06/20/05 | 06/20/05 | EPA 300.0 | |
| Total Dissolved Solids | 535 | 5.00 | " | 1 | EF52212 | 06/22/05 | 06/23/05 | EPA 160.1 | |
| Sulfate | 180 | 5.00 | " | 10 | EF52209 | 06/20/05 | 06/20/05 | EPA 300.0 | |
| MW-4 (5F20007-04) Water | | | | | | | | | |
| Total Alkalinity | 173 | 2.00 | mg/L | 1 | EF52213 | 06/22/05 | 06/22/05 | EPA 310.2M | |
| Chloride | 49.8 | 5.00 | " | 10 | EF52209 | 06/20/05 | 06/20/05 | EPA 300.0 | |
| Total Dissolved Solids | 543 | 5.00 | " | 1 | EF52212 | 06/22/05 | 06/23/05 | EPA 160.1 | |
| Sulfate | 179 | 5.00 | " | 10 | EF52209 | 06/20/05 | 06/20/05 | EPA 300.0 | |
| MW-5 (5F20007-05) Water | | | | | | | | | |
| Total Alkalinity | 150 | 2.00 | mg/L | 1 | EF52213 | 06/22/05 | 06/22/05 | EPA 310.2M | |
| Chloride | 172 | 5.00 | " | 10 | EF52209 | 06/20/05 | 06/20/05 | EPA 300.0 | |
| Total Dissolved Solids | 767 | 5.00 | " | 1 | EF52212 | 06/22/05 | 06/23/05 | EPA 160.1 | |
| Sulfate | 187 | 5.00 | " | 10 | EF52209 | 06/20/05 | 06/20/05 | EPA 300.0 | |

Environmental Lab of Texas

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Page 4 of 11

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

Project: Rice/ Justis H-2 SWD
 Project Number: 1863
 Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
 06/28/05 10:39

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| MW-1 (SF20007-01) Water | | | | | | | | | |
| Calcium | 82.2 | 0.100 | mg/L | 10 | EF52114 | 06/21/05 | 06/21/05 | EPA 6010B | |
| Magnesium | 39.7 | 0.0100 | " | " | " | " | " | " | |
| Potassium | 7.40 | 0.500 | " | " | " | " | " | " | |
| Sodium | 98.9 | 0.100 | " | " | " | " | " | " | |
| MW-2 (SF20007-02) Water | | | | | | | | | |
| Calcium | 371 | 0.500 | mg/L | 50 | EF52114 | 06/21/05 | 06/21/05 | EPA 6010B | |
| Magnesium | 194 | 0.0500 | " | " | " | " | " | " | |
| Potassium | 16.4 | 0.500 | " | 10 | " | " | " | " | |
| Sodium | 202 | 0.500 | " | 50 | " | " | " | " | |
| MW-3 (SF20007-03) Water | | | | | | | | | |
| Calcium | 53.8 | 0.100 | mg/L | 10 | EF52114 | 06/21/05 | 06/21/05 | EPA 6010B | |
| Magnesium | 27.5 | 0.0100 | " | " | " | " | " | " | |
| Potassium | 7.50 | 0.250 | " | 5 | " | " | " | " | |
| Sodium | 77.9 | 0.100 | " | 10 | " | " | " | " | |
| MW-4 (SF20007-04) Water | | | | | | | | | |
| Calcium | 47.4 | 0.100 | mg/L | 10 | EF52114 | 06/21/05 | 06/21/05 | EPA 6010B | |
| Magnesium | 27.5 | 0.0100 | " | " | " | " | " | " | |
| Potassium | 7.50 | 0.250 | " | 5 | " | " | " | " | |
| Sodium | 86.8 | 0.100 | " | 10 | " | " | " | " | |
| MW-5 (SF20007-05) Water | | | | | | | | | |
| Calcium | 83.1 | 0.100 | mg/L | 10 | EF52114 | 06/21/05 | 06/21/05 | EPA 6010B | |
| Magnesium | 42.5 | 0.0100 | " | " | " | " | " | " | |
| Potassium | 7.68 | 0.500 | " | " | " | " | " | " | |
| Sodium | 96.8 | 0.100 | " | " | " | " | " | " | |

Environmental Lab of Texas

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

Project: Rice/ Justis H-2 SWD
Project Number: 1863
Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
06/28/05 10:39

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 EF51702 - EPA 5030C (GC)

Blank (EF51702-BLK1)

Prepared & Analyzed: 06/20/05

| | | | | | | | | | | |
|--|------|---------|------|------|--|------|--------|--|--|--|
| 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 | " | | | | | | | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | 21.1 | | ug/l | 20.0 | | 106 | 80-120 | | | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | 17.2 | | " | 20.0 | | 86.0 | 80-120 | | | |

LCS (EF51702-BS1)

Prepared & Analyzed: 06/20/05

| | | | | | | | | | | |
|--|------|--|------|------|--|------|--------|--|--|--|
| Benzene | 104 | | ug/l | 100 | | 104 | 80-120 | | | |
| Toluene | 109 | | " | 100 | | 109 | 80-120 | | | |
| Ethylbenzene | 109 | | " | 100 | | 109 | 80-120 | | | |
| Xylene (p/m) | 202 | | " | 200 | | 101 | 80-120 | | | |
| Xylene (o) | 92.5 | | " | 100 | | 92.5 | 80-120 | | | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | 18.9 | | " | 20.0 | | 94.5 | 80-120 | | | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | 21.2 | | " | 20.0 | | 106 | 80-120 | | | |

LCS Dup (EF51702-BSD1)

Prepared & Analyzed: 06/20/05

| | | | | | | | | | | |
|--|------|--|------|------|--|------|--------|------|----|--|
| Benzene | 101 | | ug/l | 100 | | 101 | 80-120 | 2.93 | 20 | |
| Toluene | 109 | | " | 100 | | 109 | 80-120 | 0.00 | 20 | |
| Ethylbenzene | 102 | | " | 100 | | 102 | 80-120 | 6.64 | 20 | |
| Xylene (p/m) | 202 | | " | 200 | | 101 | 80-120 | 0.00 | 20 | |
| Xylene (o) | 90.4 | | " | 100 | | 90.4 | 80-120 | 2.30 | 20 | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | 19.3 | | " | 20.0 | | 96.5 | 80-120 | | | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | 20.1 | | " | 20.0 | | 100 | 80-120 | | | |

Calibration Check (EF51702-CCV1)

Prepared & Analyzed: 06/20/05

| | | | | | | | | | | |
|--|------|--|------|------|--|------|--------|--|--|--|
| Benzene | 93.9 | | ug/l | 100 | | 93.9 | 80-120 | | | |
| Toluene | 97.5 | | " | 100 | | 97.5 | 80-120 | | | |
| Ethylbenzene | 89.6 | | " | 100 | | 89.6 | 80-120 | | | |
| Xylene (p/m) | 178 | | " | 200 | | 89.0 | 80-120 | | | |
| Xylene (o) | 85.9 | | " | 100 | | 85.9 | 80-120 | | | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | 17.0 | | " | 20.0 | | 85.0 | 80-120 | | | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | 20.0 | | " | 20.0 | | 100 | 80-120 | | | |

Environmental Lab of Texas

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Page 6 of 11

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

Project: Rice/ Justis H-2 SWD
 Project Number: 1863
 Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
 06/28/05 10:39

**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 EF51702 - EPA 5030C (GC)

Matrix Spike (EF51702-MS1)

Source: 5F15001-08

Prepared: 06/20/05 Analyzed: 06/21/05

| | | | | | | | | | | |
|-----------------------------------|------|--|------|------|----|------|--------|--|--|--|
| Benzene | 99.5 | | ug/l | 100 | ND | 99.5 | 80-120 | | | |
| Toluene | 102 | | " | 100 | ND | 102 | 80-120 | | | |
| Ethylbenzene | 96.6 | | " | 100 | ND | 96.6 | 80-120 | | | |
| Xylene (p/m) | 189 | | " | 200 | ND | 94.5 | 80-120 | | | |
| Xylene (o) | 86.5 | | " | 100 | ND | 86.5 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 18.3 | | " | 20.0 | | 91.5 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 21.1 | | " | 20.0 | | 106 | 80-120 | | | |

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

Project: Rice/ Justis H-2 SWD
 Project Number: 1863
 Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
 06/28/05 10:39

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 EF52209 - General Preparation (WetChem)

Blank (EF52209-BLK1)

Prepared & Analyzed: 06/20/05

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

LCS (EF52209-BS1)

Prepared & Analyzed: 06/20/05

| | | | | | | | | | | |
|----------|------|--|------|------|--|-----|--------|--|--|--|
| Sulfate | 10.4 | | mg/L | 10.0 | | 104 | 80-120 | | | |
| Chloride | 11.2 | | " | 10.0 | | 112 | 80-120 | | | |

Calibration Check (EF52209-CCV1)

Prepared & Analyzed: 06/20/05

| | | | | | | | | | | |
|----------|------|--|------|------|--|-----|--------|--|--|--|
| Sulfate | 10.3 | | mg/L | 10.0 | | 103 | 80-120 | | | |
| Chloride | 10.9 | | " | 10.0 | | 109 | 80-120 | | | |

Duplicate (EF52209-DUP1)

Source: 5F17027-01

Prepared & Analyzed: 06/20/05

| | | | | | | | | | | |
|----------|------|------|------|--|------|--|--|-------|----|--|
| Sulfate | 1740 | 50.0 | mg/L | | 1780 | | | 2.27 | 20 | |
| Chloride | 1650 | 50.0 | " | | 1660 | | | 0.604 | 20 | |

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

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

Project: Rice/ Justis H-2 SWD
Project Number: 1863
Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
06/28/05 10:39

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 EF52213 - General Preparation (WetChem)

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

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

Project: Rice/ Justis H-2 SWD
 Project Number: 1863
 Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
 06/28/05 10:39

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 EF52114 - 6010B/No Digestion

Blank (EF52114-BLK1)

Prepared & Analyzed: 06/21/05

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

Calibration Check (EF52114-CCV1)

Prepared & Analyzed: 06/21/05

| | | | | | | | | | | |
|-----------|------|--|------|------|--|------|--------|--|--|--|
| Calcium | 1.94 | | mg/L | 2.00 | | 97.0 | 85-115 | | | |
| Magnesium | 2.14 | | " | 2.00 | | 107 | 85-115 | | | |
| Potassium | 1.75 | | " | 2.00 | | 87.5 | 85-115 | | | |
| Sodium | 1.73 | | " | 2.00 | | 86.5 | 85-115 | | | |

Duplicate (EF52114-DUP1)

Source: 5F16004-01

Prepared & Analyzed: 06/21/05

| | | | | | | | | | | |
|-----------|------|--------|------|--|------|--|--|------|----|--|
| Calcium | 20.4 | 0.100 | mg/L | | 21.8 | | | 6.64 | 20 | |
| Magnesium | 19.6 | 0.0100 | " | | 21.9 | | | 11.1 | 20 | |
| Potassium | 10.1 | 0.500 | " | | 10.5 | | | 3.88 | 20 | |
| Sodium | 64.0 | 0.100 | " | | 65.2 | | | 1.86 | 20 | |

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

Project: Rice/ Justis H-2 SWD
Project Number: 1863
Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
06/28/05 10:39

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:

6/28/2005

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

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Page 11 of 11

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: RICE Operating Company
PROJECT NO.: 1863
SITE MANAGER: Tim Reed
PROJECT NAME: JUSTIS H-2 SWD

| LAB I.D. NUMBER SF220007 | DATE | TIME | MATRIX | COMP | GRAB | SAMPLE IDENTIFICATION | NUMBER OF CONTAINERS | FILTERED (Y/N) | PRESERVATIVE METHOD | | | | |
|-----------------------------|---------|-------|--------|------|------|-----------------------|----------------------|----------------|---------------------|------|-----|------|--|
| | | | | | | | | | HCL | HNO3 | ICE | NONE | |
| -01 | 6/16/05 | 13:45 | W | | | MW-1 | 3 | | X | | | | |
| -02 | | 12:05 | W | | | MW-2 | 3 | | X | | | | |
| -03 | | 10:50 | W | | | MW-3 | 3 | | X | | | | |
| -04 | | 12:45 | W | | | MW-4 | 3 | | X | | | | |
| -05 | | 11:30 | W | | | MW-5 | 3 | | X | | | | |

PAGE: _____ OF: _____

ANALYSIS REQUEST (Circle or Specify Method No.)

| | |
|------------------------------------|---|
| ATRX 808/808 | X |
| ATRX 808/808 | X |
| TPH 401 8015 KON | |
| TPH 8070 | |
| PCA Metals Ag As Ba Ca Cr Pb Hg Se | |
| TPP Metals Ag As Ba Ca Cr Pb Hg Se | |
| TPP Volatiles | |
| TPP Semi Volatiles | |
| NCI | |
| GCMS Vol 8040/8080/804 | |
| GCMS Semi Vol 8070/808 | |
| PCR 8080/808 | |
| PAH 808/808 | |
| PCB, TEQ, PE, PCB, Chloride | X |
| Gamma Spec | |
| Alpha Beta (Air) | |
| PLM (Asbestos) | |

RECEIVED BY: (Signature) [Signature] DATE: 6/16/05
 RECEIVED BY: (Signature) [Signature] DATE: 6/16/05

RECEIVING LABORATORY: EnviroAnal Lab of TX
 ADDRESS: 5555 STATE: TX ZIP: 79705
 CONTACT: 564-840 PHONE: 513-1860
 SAMPLE CONDITION WHEN RECEIVED: on ice
 3.5°C 1-L HDPE 2.40mL/HCl 1/19/05

MATRIX: W-Water A-Air B-Soil C-Solid D-Other
 E-Residue F-Other

REMARKS: Special procedure
DATE: 06-17-05 TIME: 1800

RECEIVED BY: (Signature) [Signature] DATE: 6/16/05
 RECEIVED BY: (Signature) [Signature] DATE: 6/16/05

RECEIVING LABORATORY: EnviroAnal Lab of TX
 ADDRESS: 5555 STATE: TX ZIP: 79705
 CONTACT: 564-840 PHONE: 513-1860
 SAMPLE CONDITION WHEN RECEIVED: on ice
 3.5°C 1-L HDPE 2.40mL/HCl 1/19/05

MATRIX: W-Water A-Air B-Soil C-Solid D-Other
 E-Residue F-Other

REMARKS: Special procedure
DATE: 06-17-05 TIME: 1800

SHIPMENT BY: (Print & Sign) Mr. Ted [Signature] DATE: 6/16/05
 SAMPLE SHIPPED BY: (Circle) PROXY
 ADDRESS # _____
 PHONE # _____
 UPS # _____
 OTHER: _____
 RECEIVED BY: _____
 RECEIVING CONTACT PERSON: Tim Reed
 NAME Change: _____
 Authorized: _____
 Yes _____ No _____

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.

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

Client: Highlander
 Date/Time: 6/20/05
 Order #: 5E10007
 Initials: CK

Sample Receipt Checklist

| | Yes | No | |
|---|-------------------------------------|--------------------------|------------------------|
| Temperature of container/cooler? | | | 35 C |
| Shipping container/cooler in good condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Custody Seals intact on shipping container/cooler? | <input type="checkbox"/> | <input type="checkbox"/> | Not present |
| Custody Seals intact on sample bottles? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Not present |
| Chain of custody present? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Sample Instructions complete on Chain of Custody? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Chain of Custody signed when relinquished and received? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Chain of custody agrees with sample label(s) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Container labels legible and intact? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Sample Matrix and properties same as on chain of custody? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Samples in proper container/bottle? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Samples properly preserved? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Sample bottles intact? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Preservations documented on Chain of Custody? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Containers documented on Chain of Custody? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Sufficient sample amount for indicated test? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| All samples received within sufficient hold time? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| VOC samples have zero headspace? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Not Applicable |

Other observations:

Variance Documentation:

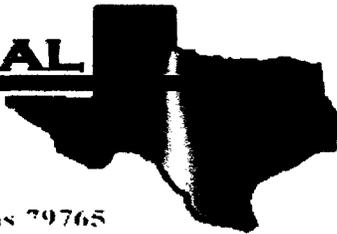
Contact Person: - _____ Date/Time: _____ Contacted by: _____
 Regarding: _____

Corrective Action Taken:

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/ Justis H-2 SWD

Project Number: 1863

Location: Lea County, NM

Lab Order Number: 5I19003

Report Date: 09/28/05

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

Project: Rice/ Justis H-2 SWD
Project Number: 1863
Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
09/28/05 13:55

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| MW-1 | 5I19003-01 | Water | 09/15/05 13:40 | 09/16/05 15:45 |
| MW-2 | 5I19003-02 | Water | 09/15/05 15:45 | 09/16/05 15:45 |
| MW-3 | 5I19003-03 | Water | 09/15/05 12:45 | 09/16/05 15:45 |
| MW-4 | 5I19003-04 | Water | 09/15/05 14:15 | 09/16/05 15:45 |
| MW-5 | 5I19003-05 | Water | 09/15/05 15:00 | 09/16/05 15:45 |

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

Project: Rice/ Justis H-2 SWD
Project Number: 1863
Project Manager: Tim Reed

Fax: (432) 682-3946
Reported:
09/28/05 13:55

Organics by GC
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| MW-1 (5I19003-01) 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> | | 94.2 % | | 80-120 | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 87.0 % | | 80-120 | " | " | " | " | |
| MW-2 (5I19003-02) 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> | | 93.2 % | | 80-120 | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 83.0 % | | 80-120 | " | " | " | " | |
| MW-3 (5I19003-03) 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> | | 93.0 % | | 80-120 | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 82.0 % | | 80-120 | " | " | " | " | |
| MW-4 (5I19003-04) 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> | | 92.8 % | | 80-120 | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 88.2 % | | 80-120 | " | " | " | " | |

Environmental Lab of Texas

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

Project: Rice/ Justis H-2 SWD
Project Number: 1863
Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
09/28/05 13:55

Organics by GC
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--|--------|-----------------|--------|----------|---------|----------|----------|-----------|-------|
| MW-5 (5H19003-05) 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> | | 93.2 % | 80-120 | | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 85.2 % | 80-120 | | " | " | " | " | |

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

Project: Rice/ Justis H-2 SWD
 Project Number: 1863
 Project Manager: Tim Reed

Fax: (432) 682-3946
 Reported:
 09/28/05 13:55

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

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|----------|----------|---------|----------|----------|------------|-------|
| MW-1 (SI19003-01) Water | | | | | | | | | |
| Total Alkalinity | 164 | 2.00 | mg/L | 1 | EI52215 | 09/21/05 | 09/21/05 | EPA 310.2M | |
| Chloride | 151 | 5.00 | " | 10 | EI52001 | 09/19/05 | 09/20/05 | EPA 300.0 | |
| pH | 7.32 | | pH Units | 1 | EI52004 | 09/19/05 | 09/19/05 | EPA 150.1 | O-04 |
| Total Dissolved Solids | 840 | 5.00 | mg/L | " | EI52607 | 09/21/05 | 09/22/05 | EPA 160.1 | |
| Sulfate | 133 | 5.00 | " | 10 | EI52001 | 09/19/05 | 09/20/05 | EPA 300.0 | |
| MW-2 (SI19003-02) Water | | | | | | | | | |
| Total Alkalinity | 136 | 2.00 | mg/L | 1 | EI52215 | 09/21/05 | 09/21/05 | EPA 310.2M | |
| Chloride | 1110 | 25.0 | " | 50 | EI52001 | 09/19/05 | 09/20/05 | EPA 300.0 | |
| pH | 7.19 | | pH Units | 1 | EI52004 | 09/19/05 | 09/19/05 | EPA 150.1 | O-04 |
| Total Dissolved Solids | 3240 | 5.00 | mg/L | " | EI52607 | 09/21/05 | 09/22/05 | EPA 160.1 | |
| Sulfate | 196 | 25.0 | " | 50 | EI52001 | 09/19/05 | 09/20/05 | EPA 300.0 | |
| MW-3 (SI19003-03) Water | | | | | | | | | |
| Total Alkalinity | 164 | 2.00 | mg/L | 1 | EI52215 | 09/21/05 | 09/21/05 | EPA 310.2M | |
| Chloride | 56.4 | 5.00 | " | 10 | EI52001 | 09/19/05 | 09/20/05 | EPA 300.0 | |
| pH | 7.61 | | pH Units | 1 | EI52004 | 09/19/05 | 09/19/05 | EPA 150.1 | O-04 |
| Total Dissolved Solids | 664 | 5.00 | mg/L | " | EI52607 | 09/21/05 | 09/22/05 | EPA 160.1 | |
| Sulfate | 139 | 5.00 | " | 10 | EI52001 | 09/19/05 | 09/20/05 | EPA 300.0 | |
| MW-4 (SI19003-04) Water | | | | | | | | | |
| Total Alkalinity | 170 | 2.00 | mg/L | 1 | EI52215 | 09/21/05 | 09/21/05 | EPA 310.2M | |
| Chloride | 48.2 | 5.00 | " | 10 | EI52001 | 09/19/05 | 09/20/05 | EPA 300.0 | |
| pH | 7.69 | | pH Units | 1 | EI52004 | 09/19/05 | 09/19/05 | EPA 150.1 | O-04 |
| Total Dissolved Solids | 634 | 5.00 | mg/L | " | EI52607 | 09/21/05 | 09/22/05 | EPA 160.1 | |
| Sulfate | 135 | 5.00 | " | 10 | EI52001 | 09/19/05 | 09/20/05 | EPA 300.0 | |
| MW-5 (SI19003-05) Water | | | | | | | | | |
| Total Alkalinity | 140 | 2.00 | mg/L | 1 | EI52215 | 09/21/05 | 09/21/05 | EPA 310.2M | |
| Chloride | 147 | 5.00 | " | 10 | EI52001 | 09/19/05 | 09/20/05 | EPA 300.0 | |
| pH | 7.61 | | pH Units | 1 | EI52004 | 09/19/05 | 09/19/05 | EPA 150.1 | O-04 |
| Total Dissolved Solids | 852 | 5.00 | mg/L | " | EI52607 | 09/21/05 | 09/22/05 | EPA 160.1 | |
| Sulfate | 136 | 5.00 | " | 10 | 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/ Justis H-2 SWD
Project Number: 1863
Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
09/28/05 13:55

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| MW-1 (5I19003-01) Water | | | | | | | | | |
| Calcium | 80.2 | 0.500 | mg/L | 50 | EI52709 | 09/27/05 | 09/27/05 | EPA 6010B | |
| Magnesium | 32.6 | 0.0100 | " | 10 | " | " | " | " | |
| Potassium | 8.08 | 0.250 | " | 5 | " | " | " | " | |
| Sodium | 87.7 | 0.500 | " | 50 | " | " | " | " | |
| MW-2 (5I19003-02) Water | | | | | | | | | |
| Calcium | 317 | 0.500 | mg/L | 50 | EI52709 | 09/27/05 | 09/27/05 | EPA 6010B | |
| Magnesium | 147 | 0.0500 | " | " | " | " | " | " | |
| Potassium | 15.7 | 0.500 | " | 10 | " | " | " | " | |
| Sodium | 180 | 0.500 | " | 50 | " | " | " | " | |
| MW-3 (5I19003-03) Water | | | | | | | | | |
| Calcium | 51.4 | 0.500 | mg/L | 50 | EI52709 | 09/27/05 | 09/27/05 | EPA 6010B | |
| Magnesium | 24.2 | 0.0100 | " | 10 | " | " | " | " | |
| Potassium | 7.32 | 0.250 | " | 5 | " | " | " | " | |
| Sodium | 71.9 | 0.500 | " | 50 | " | " | " | " | |
| MW-4 (5I19003-04) Water | | | | | | | | | |
| Calcium | 46.9 | 0.500 | mg/L | 50 | EI52709 | 09/27/05 | 09/27/05 | EPA 6010B | |
| Magnesium | 24.2 | 0.0100 | " | 10 | " | " | " | " | |
| Potassium | 7.23 | 0.250 | " | 5 | " | " | " | " | |
| Sodium | 71.6 | 0.500 | " | 50 | " | " | " | " | |
| MW-5 (5I19003-05) Water | | | | | | | | | |
| Calcium | 80.9 | 0.500 | mg/L | 50 | EI52709 | 09/27/05 | 09/27/05 | EPA 6010B | |
| Magnesium | 37.1 | 0.0100 | " | 10 | " | " | " | " | |
| Potassium | 8.29 | 0.250 | " | 5 | " | " | " | " | |
| Sodium | 88.4 | 0.500 | " | 50 | " | " | " | " | |

Environmental Lab of Texas

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Page 5 of 11

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

Project: Rice/ Justis H-2 SWD
Project Number: 1863
Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
09/28/05 13:55

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 | | | |

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

Project: Rice/ Justis H-2 SWD
Project Number: 1863
Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
09/28/05 13:55

Organics by GC - Quality Control
Environmental Lab of Texas

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

Batch EI51910 - EPA 5030C (GC)

Matrix Spike Dup (EI51910-MSD1)

Source: 5115012-34

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 | | | |

Environmental Lab of Texas

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Page 7 of 11

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

Project: Rice/ Justis H-2 SWD
 Project Number: 1863
 Project Manager: Tim Reed

Fax: (432) 682-3946
 Reported:
 09/28/05 13:55

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 EI52215 - General Preparation (WetChem) | | | | | | | | | | |
| Blank (EI52215-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/ Justis H-2 SWD
 Project Number: 1863
 Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
 09/28/05 13:55

**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 EI52215 - General Preparation (WetChem) | | | | | | | | | | |
| Calibration Check (EI52215-CCV1) | | | | | Prepared & Analyzed: 09/21/05 | | | | | |
| Bicarbonate Alkalinity | 229 | | mg/L | 200 | | 114 | 80-120 | | | |
| Duplicate (EI52215-DUP1) | | | | | Source: 5I13005-01 Prepared & Analyzed: 09/21/05 | | | | | |
| Total Alkalinity | 0.00 | 2.00 | mg/L | | 96.0 | | | | 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 | |

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/ Justis H-2 SWD
Project Number: 1863
Project Manager: Tim Reed

Fax: (432) 682-3946

Reported:
09/28/05 13:55

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:

Raland K Tuttle

Date:

9/28/2005

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.

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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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Page 11 of 11

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

Client: Highlander

Date/Time: 9/16/05 3:45

Order #: SL-19003

Initials: CK

Sample Receipt Checklist

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

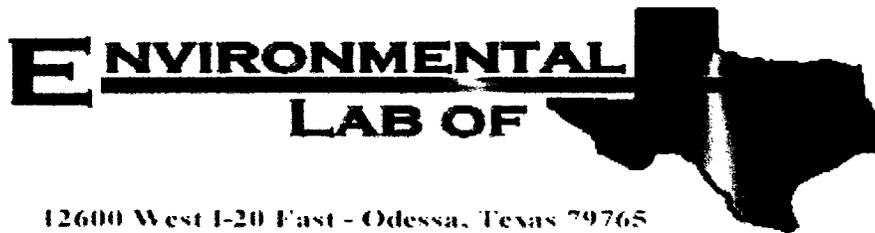
Variance Documentation:

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

Corrective Action Taken:

Analytical Report

12/29/2005



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: Justis H-2 SWD

Project Number: None Given

Location: Lea County

Lab Order Number: 5L07010

Report Date: 12/29/05

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

Project: Justis H-2 SWD
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471
Reported:
12/29/05 17:39

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------------|---------------|--------|----------------|----------------|
| Monitor Well #1 | 5L07010-01 | Water | 12/05/05 12:15 | 12/07/05 15:15 |
| Monitor Well #2 | 5L07010-02 | Water | 12/05/05 15:30 | 12/07/05 15:15 |
| Monitor Well #3 | 5L07010-03 | Water | 12/05/05 13:40 | 12/07/05 15:15 |
| Monitor Well #4 | 5L07010-04 | Water | 12/05/05 14:20 | 12/07/05 15:15 |
| Monitor Well #5 | 5L07010-05 | Water | 12/05/05 14:50 | 12/07/05 15:15 |

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

Project: Justis H-2 SWD
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
12/29/05 17:39

Organics by GC
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Monitor Well #1 (SL07010-01) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | EL50801 | 12/08/05 | 12/08/05 | 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> | | 94.5 % | | 80-120 | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 86.0 % | | 80-120 | " | " | " | " | |
| Monitor Well #2 (SL07010-02) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | EL50801 | 12/08/05 | 12/08/05 | 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> | | 83.0 % | | 80-120 | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 82.8 % | | 80-120 | " | " | " | " | |
| Monitor Well #3 (SL07010-03) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | EL50801 | 12/08/05 | 12/12/05 | 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> | | 86.0 % | | 80-120 | " | " | " | " | |
| Monitor Well #4 (SL07010-04) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | EL50801 | 12/08/05 | 12/12/05 | 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> | | 104 % | | 80-120 | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 86.2 % | | 80-120 | " | " | " | " | |

Environmental Lab of Texas

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

Project: Justis H-2 SWD
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
12/29/05 17:39

**Organics by GC
Environmental Lab of Texas**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Monitor Well #5 (5L07010-05) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | EL50801 | 12/08/05 | 12/12/05 | 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> | | 104 % | | 80-120 | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 82.0 % | | 80-120 | " | " | " | " | |

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

Project: Justis H-2 SWD
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
12/29/05 17:39

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 (5L07010-01) Water | | | | | | | | | |
| Total Alkalinity | 180 | 4.00 | mg/L | 2 | EL51202 | 12/12/05 | 12/12/05 | EPA 310.1M | |
| Chloride | 93.5 | 5.00 | " | 10 | EL50917 | 12/08/05 | 12/09/05 | EPA 300.0 | |
| Total Dissolved Solids | 586 | 5.00 | " | 1 | EL51210 | 12/08/05 | 12/09/05 | EPA 160.1 | |
| Sulfate | 114 | 5.00 | " | 10 | EL50917 | 12/08/05 | 12/09/05 | EPA 300.0 | |
| Monitor Well #2 (5L07010-02) Water | | | | | | | | | |
| Total Alkalinity | 136 | 4.00 | mg/L | 2 | EL51202 | 12/12/05 | 12/12/05 | EPA 310.1M | |
| Chloride | 1110 | 12.5 | " | 25 | EL50917 | 12/08/05 | 12/09/05 | EPA 300.0 | |
| Total Dissolved Solids | 2630 | 5.00 | " | 1 | EL51210 | 12/08/05 | 12/09/05 | EPA 160.1 | |
| Sulfate | 134 | 12.5 | " | 25 | EL50917 | 12/08/05 | 12/09/05 | EPA 300.0 | |
| Monitor Well #3 (5L07010-03) Water | | | | | | | | | |
| Total Alkalinity | 168 | 4.00 | mg/L | 2 | EL51202 | 12/12/05 | 12/12/05 | EPA 310.1M | |
| Chloride | 30.7 | 5.00 | " | 10 | EL50917 | 12/08/05 | 12/09/05 | EPA 300.0 | |
| Total Dissolved Solids | 450 | 5.00 | " | 1 | EL51210 | 12/08/05 | 12/09/05 | EPA 160.1 | |
| Sulfate | 131 | 5.00 | " | 10 | EL50917 | 12/08/05 | 12/09/05 | EPA 300.0 | |
| Monitor Well #4 (5L07010-04) Water | | | | | | | | | |
| Total Alkalinity | 156 | 4.00 | mg/L | 2 | EL51202 | 12/12/05 | 12/12/05 | EPA 310.1M | |
| Chloride | 29.1 | 5.00 | " | 10 | EL50917 | 12/08/05 | 12/09/05 | EPA 300.0 | |
| Total Dissolved Solids | 496 | 5.00 | " | 1 | EL51210 | 12/08/05 | 12/09/05 | EPA 160.1 | |
| Sulfate | 136 | 5.00 | " | 10 | EL50917 | 12/08/05 | 12/09/05 | EPA 300.0 | |
| Monitor Well #5 (5L07010-05) Water | | | | | | | | | |
| Total Alkalinity | 148 | 4.00 | mg/L | 2 | EL51202 | 12/12/05 | 12/12/05 | EPA 310.1M | |
| Chloride | 159 | 5.00 | " | 10 | EL50917 | 12/08/05 | 12/09/05 | EPA 300.0 | |
| Total Dissolved Solids | 662 | 5.00 | " | 1 | EL51210 | 12/08/05 | 12/09/05 | EPA 160.1 | |
| Sulfate | 142 | 5.00 | " | 10 | EL50917 | 12/08/05 | 12/09/05 | EPA 300.0 | |

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

Project: Justis H-2 SWD
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
12/29/05 17:39

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Monitor Well #1 (5L07010-01) Water | | | | | | | | | |
| Calcium | 79.0 | 0.100 | mg/L | 10 | EL51903 | 12/16/05 | 12/16/05 | EPA 6010B | |
| Magnesium | 34.3 | 0.0100 | " | " | " | " | " | " | |
| Potassium | 7.03 | 0.500 | " | " | " | " | " | " | |
| Sodium | 76.1 | 0.500 | " | 50 | " | " | " | " | |
| Monitor Well #2 (5L07010-02) Water | | | | | | | | | |
| Calcium | 381 | 0.500 | mg/L | 50 | EL51903 | 12/16/05 | 12/16/05 | EPA 6010B | |
| Magnesium | 164 | 0.0500 | " | " | " | " | " | " | |
| Potassium | 16.5 | 0.500 | " | 10 | " | " | " | " | |
| Sodium | 206 | 0.500 | " | 50 | " | " | " | " | |
| Monitor Well #3 (5L07010-03) Water | | | | | | | | | |
| Calcium | 55.1 | 0.100 | mg/L | 10 | EL51903 | 12/16/05 | 12/16/05 | EPA 6010B | |
| Magnesium | 25.5 | 0.0100 | " | " | " | " | " | " | |
| Potassium | 5.74 | 0.500 | " | " | " | " | " | " | |
| Sodium | 69.5 | 0.100 | " | " | " | " | " | " | |
| Monitor Well #4 (5L07010-04) Water | | | | | | | | | |
| Calcium | 53.3 | 0.100 | mg/L | 10 | EL51903 | 12/16/05 | 12/16/05 | EPA 6010B | |
| Magnesium | 28.5 | 0.0100 | " | " | " | " | " | " | |
| Potassium | 9.66 | 0.500 | " | " | " | " | " | " | |
| Sodium | 76.3 | 0.500 | " | 50 | " | " | " | " | |
| Monitor Well #5 (5L07010-05) Water | | | | | | | | | |
| Calcium | 93.2 | 0.100 | mg/L | 10 | EL51903 | 12/16/05 | 12/16/05 | EPA 6010B | |
| Magnesium | 42.8 | 0.0100 | " | " | " | " | " | " | |
| Potassium | 7.77 | 0.500 | " | " | " | " | " | " | |
| Sodium | 69.5 | 0.500 | " | 50 | " | " | " | " | |

Environmental Lab of Texas

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Page 5 of 11

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

Project: Justis H-2 SWD
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
12/29/05 17:39

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 EL50801 - EPA 5030C (GC) | | | | | | | | | | |
| Blank (EL50801-BLK1) Prepared & Analyzed: 12/08/05 | | | | | | | | | | |
| 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 | 33.8 | | ug/l | 40.0 | | 84.5 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 32.6 | | " | 40.0 | | 81.5 | 80-120 | | | |
| LCS (EL50801-BS1) Prepared & Analyzed: 12/08/05 | | | | | | | | | | |
| Benzene | 0.0492 | 0.00100 | mg/L | 0.0500 | | 98.4 | 80-120 | | | |
| Toluene | 0.0526 | 0.00100 | " | 0.0500 | | 105 | 80-120 | | | |
| Ethylbenzene | 0.0503 | 0.00100 | " | 0.0500 | | 101 | 80-120 | | | |
| Xylene (p/m) | 0.0973 | 0.00100 | " | 0.100 | | 97.3 | 80-120 | | | |
| Xylene (o) | 0.0504 | 0.00100 | " | 0.0500 | | 101 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 45.9 | | ug/l | 40.0 | | 115 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 43.9 | | " | 40.0 | | 110 | 80-120 | | | |
| Calibration Check (EL50801-CCV1) Prepared & Analyzed: 12/08/05 | | | | | | | | | | |
| Benzene | 42.9 | | ug/l | 50.0 | | 85.8 | 80-120 | | | |
| Toluene | 43.5 | | " | 50.0 | | 87.0 | 80-120 | | | |
| Ethylbenzene | 41.6 | | " | 50.0 | | 83.2 | 80-120 | | | |
| Xylene (p/m) | 83.4 | | " | 100 | | 83.4 | 80-120 | | | |
| Xylene (o) | 42.5 | | " | 50.0 | | 85.0 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 39.3 | | " | 40.0 | | 98.2 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 38.3 | | " | 40.0 | | 95.8 | 80-120 | | | |
| Matrix Spike (EL50801-MS1) Prepared & Analyzed: 12/08/05 | | | | | | | | | | |
| | | Source: 5L05006-08 | | | | | | | | |
| Benzene | 0.0434 | 0.00100 | mg/L | 0.0500 | ND | 86.8 | 80-120 | | | |
| Toluene | 0.0451 | 0.00100 | " | 0.0500 | ND | 90.2 | 80-120 | | | |
| Ethylbenzene | 0.0429 | 0.00100 | " | 0.0500 | ND | 85.8 | 80-120 | | | |
| Xylene (p/m) | 0.0842 | 0.00100 | " | 0.100 | ND | 84.2 | 80-120 | | | |
| Xylene (o) | 0.0438 | 0.00100 | " | 0.0500 | ND | 87.6 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 43.5 | | ug/l | 40.0 | | 109 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 38.4 | | " | 40.0 | | 96.0 | 80-120 | | | |

Environmental Lab of Texas

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Page 6 of 11

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

Project: Justis H-2 SWD
 Project Number: None Given
 Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
 12/29/05 17:39

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 EL50801 - EPA 5030C (GC)

Matrix Spike Dup (EL50801-MSD1)

Source: 5L05006-08

Prepared & Analyzed: 12/08/05

| | | | | | | | | | | |
|-----------------------------------|--------|---------|------|--------|----|------|--------|------|----|--|
| Benzene | 0.0459 | 0.00100 | mg/L | 0.0500 | ND | 91.8 | 80-120 | 5.60 | 20 | |
| Toluene | 0.0500 | 0.00100 | " | 0.0500 | ND | 100 | 80-120 | 10.3 | 20 | |
| Ethylbenzene | 0.0481 | 0.00100 | " | 0.0500 | ND | 96.2 | 80-120 | 11.4 | 20 | |
| Xylene (p/m) | 0.0929 | 0.00100 | " | 0.100 | ND | 92.9 | 80-120 | 9.82 | 20 | |
| Xylene (o) | 0.0491 | 0.00100 | " | 0.0500 | ND | 98.2 | 80-120 | 11.4 | 20 | |
| Surrogate: a,a,a-Trifluorotoluene | 38.6 | | ug/l | 40.0 | | 96.5 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 36.2 | | " | 40.0 | | 90.5 | 80-120 | | | |

Environmental Lab of Texas

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Page 7 of 11

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 EL50917 - General Preparation (WetChem)

Blank (EL50917-BLK1) Prepared: 12/08/05 Analyzed: 12/09/05

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

LCS (EL50917-BS1) Prepared: 12/08/05 Analyzed: 12/09/05

| | | | | | | | | | | |
|----------|------|--|------|------|--|------|--------|--|--|--|
| Chloride | 8.00 | | mg/L | 10.0 | | 80.0 | 80-120 | | | |
| Sulfate | 9.08 | | " | 10.0 | | 90.8 | 80-120 | | | |

Calibration Check (EL50917-CCV1) Prepared: 12/08/05 Analyzed: 12/09/05

| | | | | | | | | | | |
|----------|------|--|------|------|--|------|--------|--|--|--|
| Sulfate | 9.19 | | mg/L | 10.0 | | 91.9 | 80-120 | | | |
| Chloride | 8.12 | | " | 10.0 | | 81.2 | 80-120 | | | |

Duplicate (EL50917-DUP1) Source: 5L07010-01 Prepared: 12/08/05 Analyzed: 12/09/05

| | | | | | | | | | | |
|----------|------|------|------|--|------|--|--|------|----|--|
| Chloride | 96.0 | 5.00 | mg/L | | 93.5 | | | 2.64 | 20 | |
| Sulfate | 117 | 5.00 | " | | 114 | | | 2.60 | 20 | |

Batch EL51202 - General Preparation (WetChem)

Blank (EL51202-BLK1) Prepared & Analyzed: 12/12/05

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

Duplicate (EL51202-DUP1) Source: 5L07010-01 Prepared & Analyzed: 12/12/05

| | | | | | | | | | | |
|------------------|-----|------|------|--|-----|--|--|------|----|--|
| Total Alkalinity | 178 | 4.00 | mg/L | | 180 | | | 1.12 | 20 | |
|------------------|-----|------|------|--|-----|--|--|------|----|--|

Reference (EL51202-SRM1) Prepared & Analyzed: 12/12/05

| | | | | | | | | | | |
|------------------------|-----|--|------|-----|--|-----|--------|--|--|--|
| Bicarbonate Alkalinity | 230 | | mg/L | 200 | | 115 | 80-120 | | | |
|------------------------|-----|--|------|-----|--|-----|--------|--|--|--|

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

Project: Justis H-2 SWD
 Project Number: None Given
 Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
 12/29/05 17:39

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 EL51210 - General Preparation (WetChem) | | | | | | | | | | |
| Blank (EL51210-BLK1) Prepared: 12/08/05 Analyzed: 12/09/05 | | | | | | | | | | |
| Total Dissolved Solids | ND | 5.00 | mg/L | | | | | | | |
| Duplicate (EL51210-DUP1) Source: 5L07010-01 Prepared: 12/08/05 Analyzed: 12/09/05 | | | | | | | | | | |
| Total Dissolved Solids | 604 | 5.00 | mg/L | | 586 | | | 3.03 | 5 | |
| Duplicate (EL51210-DUP2) Source: 5L08004-05 Prepared: 12/08/05 Analyzed: 12/09/05 | | | | | | | | | | |
| Total Dissolved Solids | 2700 | 5.00 | mg/L | | 2840 | | | 5.05 | 5 | |

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

Project: Justis H-2 SWD
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
12/29/05 17:39

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 EL51903 - 6010B/No Digestion

Blank (EL51903-BLK1)

Prepared & Analyzed: 12/16/05

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

Calibration Check (EL51903-CCV1)

Prepared & Analyzed: 12/16/05

| | | | | | | | | | | |
|-----------|------|--|------|------|--|------|--------|--|--|--|
| Calcium | 1.95 | | mg/L | 2.00 | | 97.5 | 85-115 | | | |
| Magnesium | 2.11 | | " | 2.00 | | 106 | 85-115 | | | |
| Potassium | 1.82 | | " | 2.00 | | 91.0 | 85-115 | | | |
| Sodium | 1.74 | | " | 2.00 | | 87.0 | 85-115 | | | |

Duplicate (EL51903-DUP1)

Source: 5L06016-01

Prepared & Analyzed: 12/16/05

| | | | | | | | | | | |
|-----------|------|--------|------|--|------|--|--|-------|----|--|
| Calcium | 53.1 | 0.100 | mg/L | | 51.6 | | | 2.87 | 20 | |
| Magnesium | 7.42 | 0.0100 | " | | 7.48 | | | 0.805 | 20 | |
| Potassium | 3.54 | 0.0500 | " | | 3.53 | | | 0.283 | 20 | |
| Sodium | 43.3 | 0.100 | " | | 41.7 | | | 3.76 | 20 | |

Environmental Lab of Texas

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Page 10 of 11

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

Project: Justis H-2 SWD
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
12/29/05 17:39

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: _____

12/29/2005

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.

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Environmental Lab of Texas

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Page 11 of 11

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

Client: RICE OP.

Date/Time: 12/7/05 3:15

Order #: 5L01010

Initials: ck

Sample Receipt Checklist

| Temperature of container/cooler? | Yes | No | 1.0 C |
|---|-------------------------------------|----|----------------|
| Shipping container/cooler in good condition? | <input checked="" type="checkbox"/> | No | |
| Custody Seals intact on shipping container/cooler? | <input checked="" type="checkbox"/> | No | Not present |
| Custody Seals intact on sample bottles? | <input checked="" type="checkbox"/> | No | Not present |
| Chain of custody present? | <input checked="" type="checkbox"/> | No | |
| Sample Instructions complete on Chain of Custody? | <input checked="" type="checkbox"/> | No | |
| Chain of Custody signed when relinquished and received? | <input checked="" type="checkbox"/> | No | |
| Chain of custody agrees with sample label(s) | <input checked="" type="checkbox"/> | No | |
| Container labels legible and intact? | <input checked="" type="checkbox"/> | No | |
| Sample Matrix and properties same as on chain of custody? | <input checked="" type="checkbox"/> | No | |
| Samples in proper container/bottle? | <input checked="" type="checkbox"/> | No | |
| Samples properly preserved? | <input checked="" type="checkbox"/> | No | |
| Sample bottles intact? | <input checked="" type="checkbox"/> | No | |
| Preservations documented on Chain of Custody? | <input checked="" type="checkbox"/> | No | |
| Containers documented on Chain of Custody? | <input checked="" type="checkbox"/> | No | |
| Sufficient sample amount for indicated test? | <input checked="" type="checkbox"/> | No | |
| All samples received within sufficient hold time? | <input checked="" type="checkbox"/> | No | |
| VOC samples have zero headspace? | <input checked="" type="checkbox"/> | No | Not Applicable |

Other observations:

Variance Documentation:

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

Corrective Action Taken:

