

1R - 425-46

REPORTS

DATE:

3-31-08

VACUUM St H-35 EOL

IR 425-48

46

DISCLOSURE

3-31-08

**RICE OPERATING COMPANY
JUNCTION BOX DISCLOSURE* REPORT**

BOX LOCATION

| SWD SYSTEM | JUNCTION | UNIT | SECTION | TOWNSHIP | RANGE | COUNTY | NEW BOX DIMENSIONS - FEET | | |
|------------|--------------|------|---------|----------|-------|--------|--------------------------------|-------|-------|
| | | | | | | | Length | Width | Depth |
| Vacuum | St. H-35 EOL | G | 35 | 17S | 34E | Lea | no box; SWD System abandonment | | |

LAND TYPE: BLM _____ STATE X FEE LANDOWNER _____ OTHER _____

Depth to Groundwater 95 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 9/8/2005 Date Completed 2/16/2006 NMOCD Witness no

Soil Excavated 12 cubic yards Excavation Length 9 Width 3 Depth 12 feet

Soil Disposed 0 cubic yards Offsite Facility n/a Location n/a

FINAL ANALYTICAL RESULTS: Sample Date 9/19/2005 Sample Depth 12 ft

TPH and chloride laboratory test results completed by using an approved laboratory and testing procedures pursuant to NMOCD guidelines.

CHLORIDE FIELD TESTS

| Sample Location | PID (field) ppm | GRO mg/kg | DRO mg/kg | Chloride mg/kg |
|-------------------------|-----------------|-----------|-----------|----------------|
| GRAB @ 12 ft below jct. | 0.1 | <10.0 | <10.0 | 5840 |

| LOCATION | DEPTH (ft) | ppm |
|-------------------------------------|------------|------|
| delineation trench at junction site | 4 | 3177 |
| | 5 | 3554 |
| | 6 | 4378 |
| | 7 | 4374 |
| | 8 | 4117 |
| | 9 | 4874 |
| | 10 | 5552 |
| | 11 | 5366 |
| | 12 | 4584 |

General Description of Remedial Action:

This junction box was addressed as part
of the Vacuum SWD System abandonment. After the box lumber was removed and the pipelines were capped, a delineation trench was made at the site to collect soil samples. Chloride field tests were conducted on the samples and yielded elevated concentrations that did not relent with depth. Organic vapors were measured using a PID and yielded very low concentrations. The grab sample from the deepest part of the trench (12 ft) was sent to a laboratory for confirmation and TPH analysis. TPH concentrations were not detected in the sample, meeting NMOCD guidelines. The excavated soil was returned to the trench and the remainder of the hole was backfilled with clean, imported soil which was also spread on the surface. An identification plate has been placed on the surface to mark the site of the former junction box for future environmental consideration. NMOCD was notified of potential groundwater impact at this site on 3/7/2008.

enclosures: photos, lab results, PID field screenings, chloride graph

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SITE SUPERVISOR Roy Rascon SIGNATURE Roy R. Rascon COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope
DATE 3/7/2008 TITLE Project Scientist

* This site is a "DISCLOSURE." It will be placed on a prioritized list of similar sites for further consideration.

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240
 PHONE: (505) 393-9174 FAX: (505) 397-1471
 PID METER CALIBRATION & FIELD REPORT FORM

| | | | |
|-------|----------|-----------------|-----------------------|
| CK. | X | MODEL: PGM 761S | SERIAL NO: 104412 |
| MODEL | | MODEL: PGM 7600 | SERIAL NO: 110-013744 |
| NO. | | MODEL: PGM 7600 | SERIAL NO: 110-12383 |
| | | MODEL: PGM 7600 | SERIAL NO: 110-012920 |

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

| | |
|--------------------------|--------------------------------|
| LOT NO : 04-2474 | EXPIRATION DATE: 8-1-06 |
| FILL DATE: 2-1-05 | METER READING ACCURACY: 100.6 |

ACCURACY : +/- 2%

| SYSTEM | JUNCTION | UNIT | SECTION | TOWN SHIP | RANGE |
|------------|---------------------------|----------|-----------|------------|------------|
| Vac | STATE H-35 EOL | G | 35 | 17S | 34E |

| SAMPLE ID | PID | SAMPLE ID | PID |
|---------------------|------|-----------|-----|
| VERT. @ SOURCE @ 1' | 0 | | |
| 2' | 0 | | |
| 3' | 51.1 | | |
| 4' | 0.1 | | |
| 5' | 0.1 | | |
| 6' | 0.1 | | |
| 7' | 0.1 | | |
| 8' | 0.1 | | |
| 9' | 0.1 | | |
| 10' | 0.1 | | |
| 11' | 0.1 | | |
| 12' | 0.1 | | |

COPY

I verify that I have calibrated the above instrument in accordance to the manufacture operation manual.

SIGNATURE: *Roy R. Rissman*

DATE: 9-19-05

Vacuum St. H-35 EOL

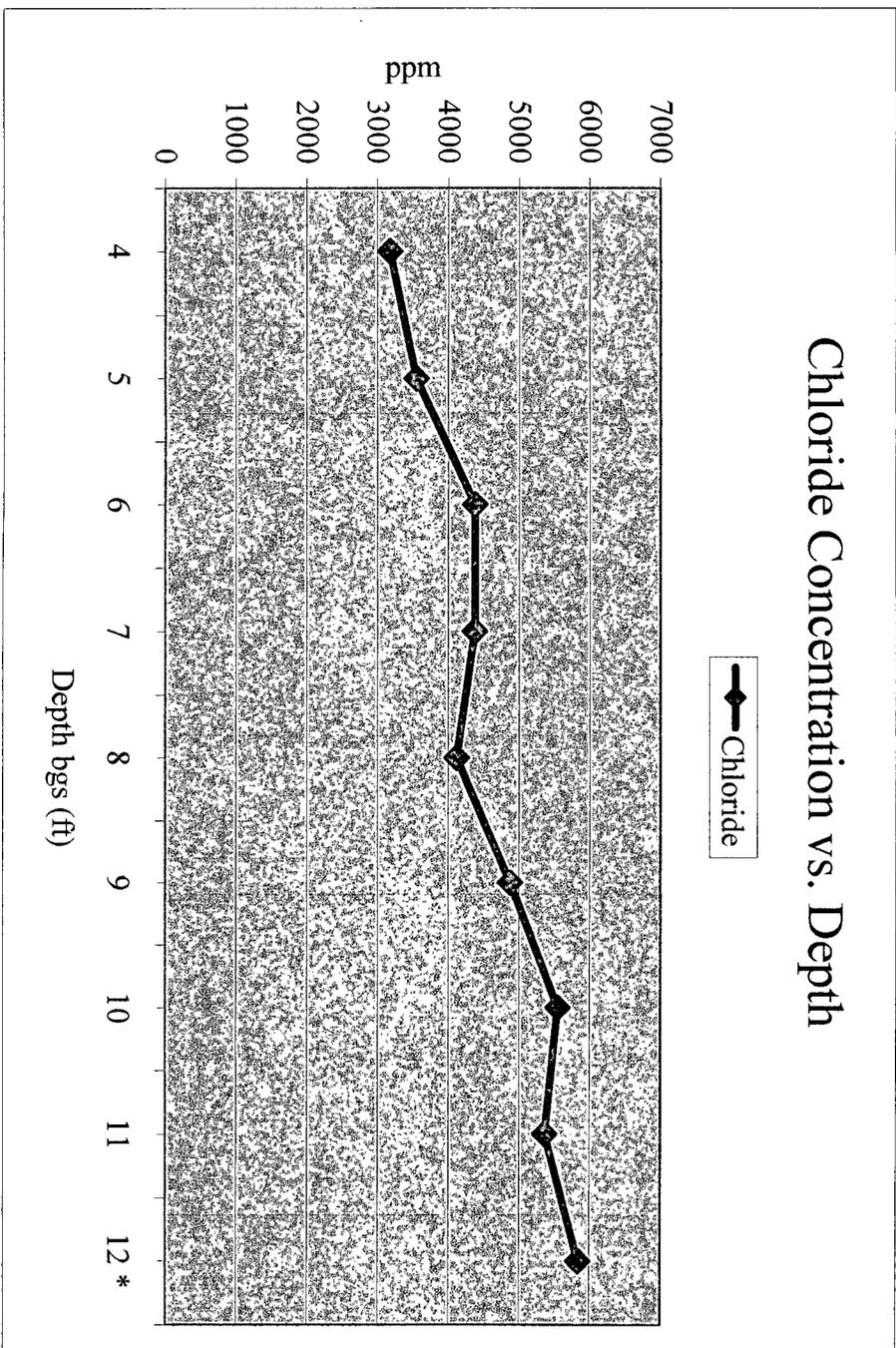
unit 'G', Sec. 35, T17S, R34E

Vertical Delineation at Source

| Depth bgs (ft) | Cl ⁻ ppm |
|----------------|---------------------|
| 4 | 3177 |
| 5 | 3554 |
| 6 | 4378 |
| 7 | 4374 |
| 8 | 4117 |
| 9 | 4874 |
| 10 | 5552 |
| 11 | 5366 |
| 12 * | 5840 |

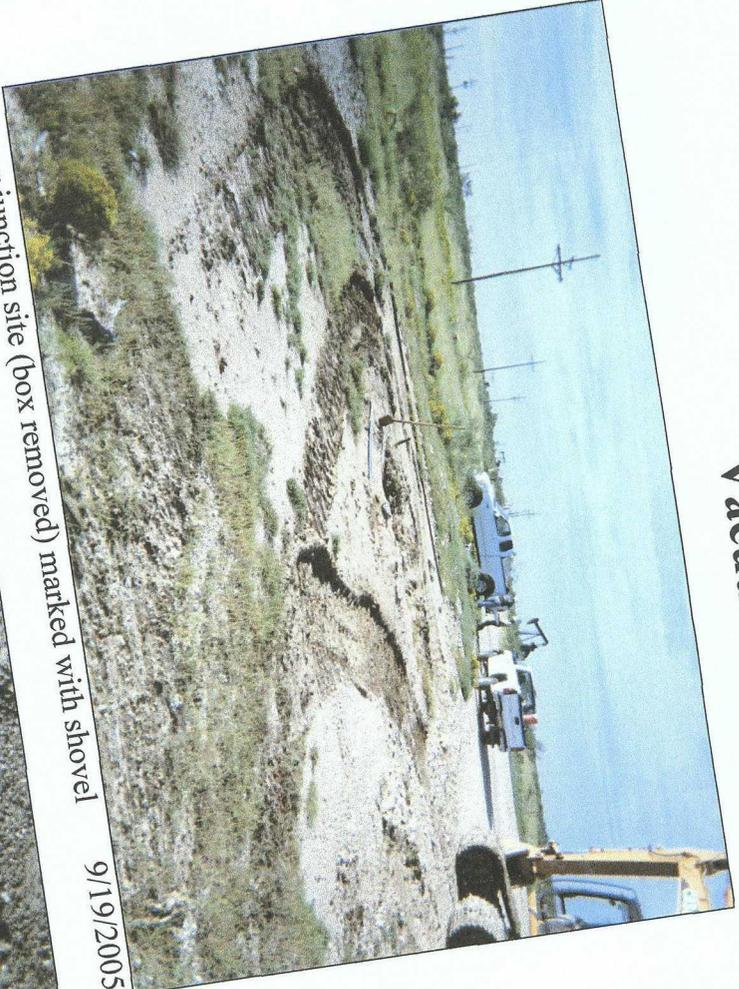
Groundwater = 95 ft

* Laboratory analysis



Vacuum St. H-35 EOL

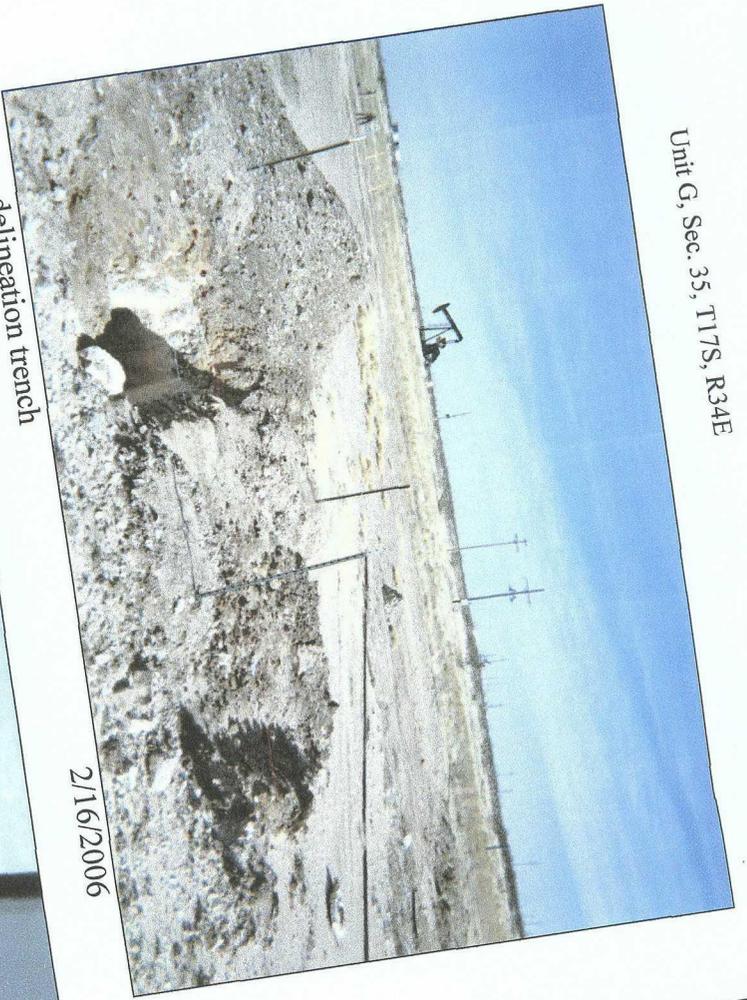
Unit G, Sec. 35, T17S, R34E



former junction site (box removed) marked with shovel 9/19/2005

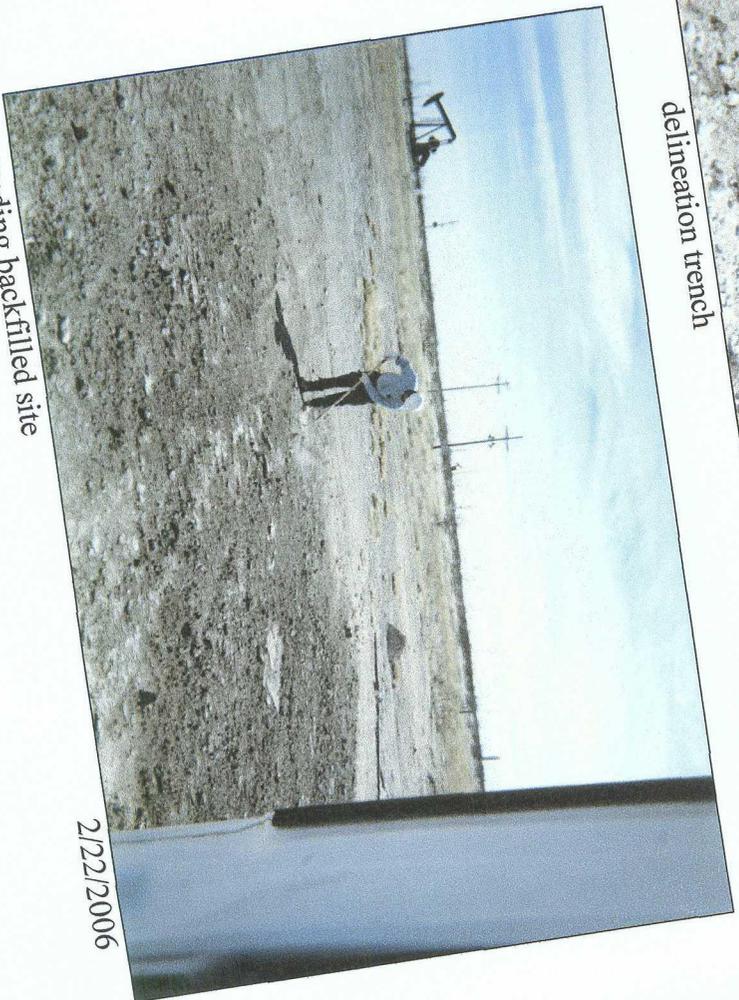


identification plate at former junction location 2/16/2006



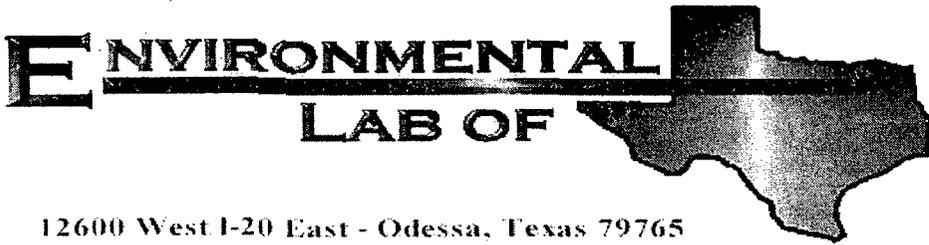
delineation trench

2/16/2006



seeding backfilled site

2/22/2006



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

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

COPY

Project: Vac. Phillips St. H-35 EOL

Project Number: None Given

Location: None Given

Lab Order Number: 5122006

Report Date: 09/26/05

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

Project: Vac. Phillips St. H-35 EOL
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471
Reported:
09/26/05 16:59

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------------|----------------------|---------------|---------------------|----------------------|
| Vert.@ 12' Grab | 5122006-01 | Soil | 09/19/05 14:46 | 09/22/05 08:00 |

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

Project: Vac. Phillips St. H-35 EOL
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471
Reported:
09/26/05 16:59

Organics by GC
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Vert.@ 12' Grab (5122006-01) Soil | | | | | | | | | |
| Gasoline Range Organics C6-C12 | ND | 10.0 | mg/kg dry | 1 | E152304 | 09/23/05 | 09/23/05 | EPA 8015M | |
| Diesel Range Organics >C12-C35 | ND | 10.0 | " | " | " | " | " | " | |
| Total Hydrocarbon C6-C35 | ND | 10.0 | " | " | " | " | " | " | |
| Surrogate: 1-Chlorooctane | | 79.6 % | 70-130 | | " | " | " | " | |
| Surrogate: 1-Chlorooctadecane | | 95.0 % | 70-130 | | " | " | " | " | |

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

Project: Vac. Phillips St. H-35 EOL
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
09/26/05 16:59

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

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------------|-------------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Vert.@ 12' Grab (5122006-01) Soil | | | | | | | | | |
| Chloride | 5840 | 100 | mg/kg | 200 | E152305 | 09/22/05 | 09/23/05 | EPA 300.0 | |
| % Moisture | 8.5 | 0.1 | % | 1 | E152301 | 09/22/05 | 09/23/05 | % calculation | |

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

Project: Vac. Phillips St. H-35 EOL
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
09/26/05 16:59

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 EI52304 - Solvent Extraction (GC)

Blank (EI52304-BLK1)

Prepared & Analyzed: 09/23/05

| | | | | | | | | | | |
|--------------------------------|------|------|-----------|------|--|------|--------|--|--|--|
| Gasoline Range Organics C6-C12 | ND | 10.0 | mg/kg wet | | | | | | | |
| Diesel Range Organics >C12-C35 | ND | 10.0 | " | | | | | | | |
| Total Hydrocarbon C6-C35 | ND | 10.0 | " | | | | | | | |
| Surrogate: 1-Chlorooctane | 44.0 | | mg/kg | 50.0 | | 88.0 | 70-130 | | | |
| Surrogate: 1-Chlorooctadecane | 37.7 | | " | 50.0 | | 75.4 | 70-130 | | | |

LCS (EI52304-BS1)

Prepared & Analyzed: 09/23/05

| | | | | | | | | | | |
|--------------------------------|------|------|-----------|------|--|------|--------|--|--|--|
| Gasoline Range Organics C6-C12 | 404 | 10.0 | mg/kg wet | 500 | | 80.8 | 75-125 | | | |
| Diesel Range Organics >C12-C35 | 489 | 10.0 | " | 500 | | 97.8 | 75-125 | | | |
| Total Hydrocarbon C6-C35 | 893 | 10.0 | " | 1000 | | 89.3 | 75-125 | | | |
| Surrogate: 1-Chlorooctane | 44.8 | | mg/kg | 50.0 | | 89.6 | 70-130 | | | |
| Surrogate: 1-Chlorooctadecane | 48.3 | | " | 50.0 | | 96.6 | 70-130 | | | |

Calibration Check (EI52304-CCV1)

Prepared: 09/23/05 Analyzed: 09/24/05

| | | | | | | | | | | |
|--------------------------------|------|--|-------|------|--|------|--------|--|--|--|
| Gasoline Range Organics C6-C12 | 413 | | mg/kg | 500 | | 82.6 | 80-120 | | | |
| Diesel Range Organics >C12-C35 | 443 | | " | 500 | | 88.6 | 80-120 | | | |
| Total Hydrocarbon C6-C35 | 856 | | " | 1000 | | 85.6 | 80-120 | | | |
| Surrogate: 1-Chlorooctane | 45.3 | | " | 50.0 | | 90.6 | 0-200 | | | |
| Surrogate: 1-Chlorooctadecane | 44.1 | | " | 50.0 | | 88.2 | 0-200 | | | |

Matrix Spike (EI52304-MS1)

Source: 5122001-01

Prepared: 09/23/05 Analyzed: 09/24/05

| | | | | | | | | | | |
|--------------------------------|------|------|-----------|------|----|------|--------|--|--|--|
| Gasoline Range Organics C6-C12 | 457 | 10.0 | mg/kg dry | 522 | ND | 87.5 | 75-125 | | | |
| Diesel Range Organics >C12-C35 | 494 | 10.0 | " | 522 | ND | 94.6 | 75-125 | | | |
| Total Hydrocarbon C6-C35 | 951 | 10.0 | " | 1040 | ND | 91.4 | 75-125 | | | |
| Surrogate: 1-Chlorooctane | 55.3 | | mg/kg | 50.0 | | 111 | 70-130 | | | |
| Surrogate: 1-Chlorooctadecane | 51.8 | | " | 50.0 | | 104 | 70-130 | | | |

Matrix Spike Dup (EI52304-MSD1)

Source: 5122001-01

Prepared: 09/23/05 Analyzed: 09/24/05

| | | | | | | | | | | |
|--------------------------------|------|------|-----------|------|----|------|--------|------|----|--|
| Gasoline Range Organics C6-C12 | 463 | 10.0 | mg/kg dry | 522 | ND | 88.7 | 75-125 | 1.30 | 20 | |
| Diesel Range Organics >C12-C35 | 500 | 10.0 | " | 522 | ND | 95.8 | 75-125 | 1.21 | 20 | |
| Total Hydrocarbon C6-C35 | 963 | 10.0 | " | 1040 | ND | 92.6 | 75-125 | 1.25 | 20 | |
| Surrogate: 1-Chlorooctane | 54.9 | | mg/kg | 50.0 | | 110 | 70-130 | | | |
| Surrogate: 1-Chlorooctadecane | 50.3 | | " | 50.0 | | 101 | 70-130 | | | |

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

Project: Vac. Phillips St. H-35 EOL
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
09/26/05 16:59

**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 EI52301 - General Preparation (Prep)

| | | | | | | | | | | |
|---------------------------------|------|--|---|----------------------------------------------------------|------|--|--|-------|----|--|
| Blank (EI52301-BLK1) | | | | Prepared: 09/22/05 Analyzed: 09/23/05 | | | | | | |
| % Solids | 100 | | % | | | | | | | |
| Duplicate (EI52301-DUP1) | | | | Source: 5I21013-01 Prepared: 09/22/05 Analyzed: 09/23/05 | | | | | | |
| % Solids | 86.5 | | % | | 86.1 | | | 0.464 | 20 | |
| Duplicate (EI52301-DUP2) | | | | Source: 5I22008-07 Prepared: 09/22/05 Analyzed: 09/23/05 | | | | | | |
| % Solids | 99.4 | | % | | 98.9 | | | 0.504 | 20 | |
| Duplicate (EI52301-DUP3) | | | | Source: 5I22019-03 Prepared: 09/22/05 Analyzed: 09/23/05 | | | | | | |
| % Solids | 97.6 | | % | | 97.8 | | | 0.205 | 20 | |
| Duplicate (EI52301-DUP4) | | | | Source: 5I22021-18 Prepared: 09/22/05 Analyzed: 09/23/05 | | | | | | |
| % Solids | 90.8 | | % | | 90.6 | | | 0.221 | 20 | |

Batch EI52305 - Water Extraction

| | | | | | | | | | | |
|-----------------------------------------|------|-------|-------|----------------------------------------------------------|------|--|--------|-------|----|--|
| Blank (EI52305-BLK1) | | | | Prepared: 09/22/05 Analyzed: 09/23/05 | | | | | | |
| Chloride | ND | 0.500 | mg/kg | | | | | | | |
| LCS (EI52305-BS1) | | | | Prepared: 09/22/05 Analyzed: 09/23/05 | | | | | | |
| Chloride | 9.07 | | mg/L | 10.0 | 90.7 | | 80-120 | | | |
| Calibration Check (EI52305-CCV1) | | | | Prepared: 09/22/05 Analyzed: 09/23/05 | | | | | | |
| Chloride | 9.29 | | mg/L | 10.0 | 92.9 | | 80-120 | | | |
| Duplicate (EI52305-DUP1) | | | | Source: 5I21013-01 Prepared: 09/22/05 Analyzed: 09/23/05 | | | | | | |
| Chloride | 90.7 | 0.500 | mg/kg | | 91.3 | | | 0.659 | 20 | |

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

Project: Vac. Phillips St. H-35 EOL
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
09/26/05 16:59

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: 9-26-05

Raland K. Tuttle, Lab Manager

Celey D. Keene, Lab Director, Org. Tech Director

Peggy Allen, QA Officer

Jeanne Mc Murrey, Inorg. Tech Director

LaTasha Cornish, Chemist

Sandra Sanchez, Lab Tech.

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

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

Environmental Lab of Texas

Variance / Corrective Action Report – Sample Log-In

Client: Rice Op.

Date/Time: 9/22/05 8:00

Order #: SI 22006

Initials: CR

Sample Receipt Checklist

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

* discrepancy on sample time coc - 2:46 Label - 2:47

Variance Documentation:

Contact Person: - Roy Bascon Date/Time: 09-26-05 Contacted by: Jeanne McMurre
 Regarding:

* sample time discrepancy

Corrective Action Taken:

Client wants to reference coc time 2:46 as per attached e-mail

Jeanne McMurrey

From: "Jeanne McMurrey" <jeanne@elabtexas.com>
To: "Roy Rascon" <rroyriceswd@valornet.com>
Sent: Thursday, September 22, 2005 10:31 AM
Subject: Re: Vac. Phillips St. H-35 EOL sample

Hi Roy,

We received your sample for Vac. Phillips St. H-35 EOL this morning. There was a discrepancy on the sample time. The COC says 2:46 and the label says 2:47. Silly I know but could you reply to this e-mail and let me know which time you would like to reference?

Thanks,
Jeanne

Jeanne McMurrey
Environmental Lab of Texas I, Ltd.
12600 West I-20 East
Odessa, Texas 79765
432-563-1800

Jeanne McMurrey

From: "Roy Rascon" <rroyriceswd@valornet.com>
To: "Jeanne McMurrey" <jeanne@elabtxas.com>
Sent: Monday, September 26, 2005 7:46 AM
Subject: Vac Phillips St. H-35 EOL

Jeanne

How are you today. Hope everything is fine. Just got on line to ck my email and found yours. Please use the time stated on the jar. I don't know what happened here, but I'm sure there's a good reason for this.
Thanks, and have a Good Day.

Roy R. Rascon
RICE Operating Company
122 W. Taylor
Hobbs, NM 88240
505-393-9174

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This message has been scanned for viruses and dangerous content by **BasinBroadband**, and is believed to be clean.