1R - 425-33

REPORTS

DATE:

2006

Vac M-26 Vent

Disclosure

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

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Vacuum	M-26 vent	M	26	17S	35E	Lea	no box--System abandonment		

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

Depth to Groundwater 70 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 9/20/2005 Date Completed 12/17/2005 NMOCD Witness no

Soil Excavated 24 cubic yards Excavation Length 9 Width 6 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: **Sample Date** 9/20/2005 **Sample Depth** 12 ft

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

Sample Location	Benzene mg/kg	Toluene mg/kg	Ethyl Benzene mg/kg	Total Xylenes mg/kg	GRO mg/kg	DRO mg/kg	Chlorides mg/kg
GRAB @ 12 ft BGS	3.39	4.48	21.90	41.70	1690	4520	4480

General Description of Remedial Action:

This junction box was addressed as part of the Vacuum System abandonment. After the box was removed, a delineation trench was made at the jct. using a trackhoe to collect soil samples to 12 ft BGS. Chloride and VOC field tests were performed on each sample and both constituents increased with depth. A grab sample from the bottom of the trench (12 ft) was collected for laboratory analysis which confirmed that OCD TPH or BTEX guidelines were not met. The excavated soil was blended on site and then backfilled into the trench and contoured to the surrounding terrain. The disturbed area was seeded with a blend of native vegetation and will be monitored for growth. An identification plate was placed on the surface to mark the former location of this junction box for future environmental considerations. OCD was notified of potential groundwater impact at this site on 10/5/2006.

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

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
vertical trench at junction	5	256
	6	1577
	7	1604
	8	1763
	9	1455
	10	1965
	11	2303
	12	2999

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

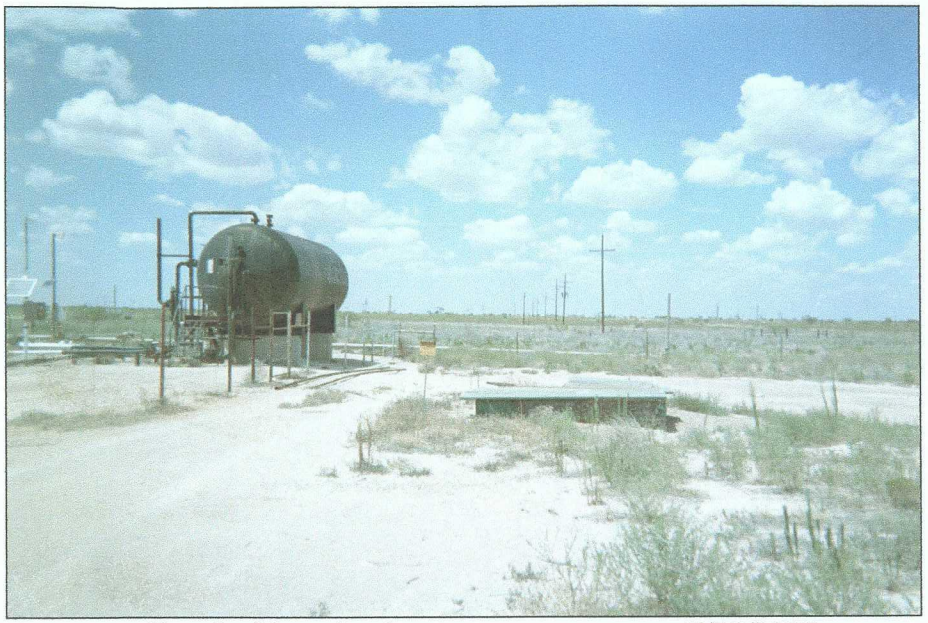
SITE SUPERVISOR Roy Rascon SIGNATURE Roy R. Rascon COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

DATE 10/6/2006 TITLE Project Scientist

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

Vacuum M-26 vent



undisturbed junction box 7/29/2005

12-ft-deep delineation trench

seeded disturbed surface at backfilled site 2/29/2006

identification plate at former jct. site 6/15/2006

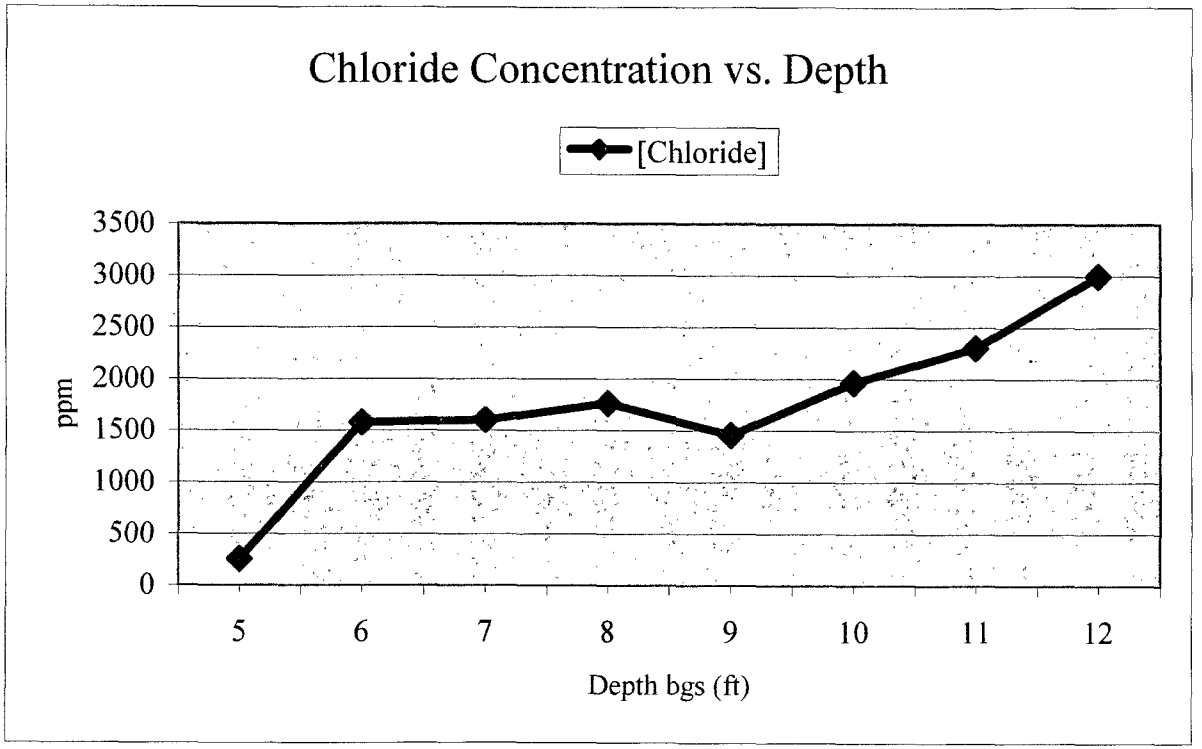
Vacuum M-26 vent

unit 'M', Sec. 26, T17S, R35E

Vertical Delineation at Source

Depth bgs (ft)	[Cl] ppm
5	256
6	1577
7	1604
8	1763
9	1455
10	1965
11	2303
12	2999

Groundwater = 70 ft



ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Roy Rascon

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: Vacuum Jct. M-26

Project Number: None Given

Location: None Given

Lab Order Number: 5I22004

Report Date: 09/27/05

Rice Operating Co.	Project: Vacuum Jct. M-26	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	09/27/05 09:02

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Vert.@ 12'	5I22004-01	Soil	09/20/05 10:00	09/22/05 08:00

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Rice Operating Co.	Project: Vacuum Jct. M-26	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	09/27/05 09:02

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Vert.@ 12' (5I22004-01) Soil									
Benzene	**3.39**	0.250	mg/kg dry	250	EI52601	09/25/05	09/25/05	EPA 8021B	
Toluene	**4.48**	0.250	"	"	"	"	"	"	
Ethylbenzene	**21.9**	0.250	"	"	"	"	"	"	
Xylene (p/m)	**28.4**	0.250	"	"	"	"	"	"	
Xylene (o)	**13.3**	0.250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*97.5 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*107 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**1690**	50.0	mg/kg dry	5	EI52304	09/23/05	09/23/05	EPA 8015M	
Diesel Range Organics >C12-C35	**4520**	50.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**6210**	50.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*26.2 %*	*70-130*		"	"	"	"	*S-06*
Surrogate: 1-Chlorooctadecane		*22.4 %*	*70-130*		"	"	"	"	*S-06*

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Rice Operating Co.	Project: Vacuum Jct. M-26	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	09/27/05 09:02

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Vert.@ 12' (5I22004-01) Soil									
Chloride	**4480**	50.0	mg/kg	100	EI52305	09/22/05	09/23/05	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	EI52301	09/22/05	09/23/05	% calculation	

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122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	09/27/05 09:02

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: 5I22001-01**			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: 5I22001-01**			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*			

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Rice Operating Co.	Project: Vacuum Jct. M-26	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	09/27/05 09:02

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 EI52601 - EPA 5030C (GC)										
Blank (EI52601-BLK1)				Prepared: 09/25/05 Analyzed: 09/26/05						
Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	*32.3*		*ug/kg*	*40.0*		*80.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*32.3*		*"*	*40.0*		*80.8*	*80-120*			
LCS (EI52601-BS1)				Prepared: 09/25/05 Analyzed: 09/26/05						
Benzene	1050		ug/kg	1250		84.0	80-120			
Toluene	1030		"	1250		82.4	80-120			
Ethylbenzene	1080		"	1250		86.4	80-120			
Xylene (p/m)	2050		"	2500		82.0	80-120			
Xylene (o)	1120		"	1250		89.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	*36.5*		*"*	*40.0*		*91.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*45.0*		*"*	*40.0*		*112*	*80-120*			
Calibration Check (EI52601-CCV1)				Prepared: 09/25/05 Analyzed: 09/26/05						
Benzene	46.7		ug/kg	50.0		93.4	80-120			
Toluene	44.0		"	50.0		88.0	80-120			
Ethylbenzene	51.8		"	50.0		104	80-120			
Xylene (p/m)	95.7		"	100		95.7	80-120			
Xylene (o)	56.6		"	50.0		113	80-120			
Surrogate: a,a,a-Trifluorotoluene	*41.4*		*"*	*40.0*		*104*	*0-200*			
Surrogate: 4-Bromofluorobenzene	*47.0*		*"*	*40.0*		*118*	*0-200*			
Matrix Spike (EI52601-MS1)	**Source: 5I22009-05**			Prepared: 09/25/05 Analyzed: 09/26/05						
Benzene	1.31	0.0250	mg/kg dry	1.25	ND	105	80-120			
Toluene	1.32	0.0250	"	1.25	ND	106	80-120			
Ethylbenzene	1.50	0.0250	"	1.25	ND	120	80-120			
Xylene (p/m)	2.90	0.0250	"	2.51	ND	116	80-120			
Xylene (o)	1.43	0.0250	"	1.25	ND	114	80-120			
Surrogate: a,a,a-Trifluorotoluene	*45.5*		*ug/kg*	*40.0*		*114*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*46.8*		*"*	*40.0*		*117*	*80-120*			

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Rice Operating Co.	Project: Vacuum Jct. M-26	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	09/27/05 09:02

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 EI52601 - EPA 5030C (GC)										
Matrix Spike Dup (EI52601-MSD1)	**Source: 5I22009-05**			Prepared: 09/25/05 Analyzed: 09/26/05						
Benzene	1.24	0.0250	mg/kg dry	1.25	ND	99.2	80-120	5.68	20	
Toluene	1.21	0.0250	"	1.25	ND	96.8	80-120	9.07	20	
Ethylbenzene	1.48	0.0250	"	1.25	ND	118	80-120	1.68	20	
Xylene (p/m)	2.75	0.0250	"	2.51	ND	110	80-120	5.31	20	
Xylene (o)	1.40	0.0250	"	1.25	ND	112	80-120	1.77	20	
Surrogate: a,a,a-Trifluorotoluene	*42.8*		*ug/kg*	*40.0*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*44.9*		*"*	*40.0*		*112*	*80-120*			

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Rice Operating Co.	Project: Vacuum Jct. M-26	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	09/27/05 09:02

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	

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Rice Operating Co.	Project: Vacuum Jct. M-26	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	Reported:
Hobbs NM, 88240	Project Manager: Roy Rascon	09/27/05 09:02

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
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: 9/27/2005

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.

Environmental Lab of Texas, Inc.

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Roy R. Rascon
Company Name: Rice Operating Co.
Company Address: 122 W. Taylor
City/State/Zip: Hobbs, NM 88240
Telephone No: 505-393-9174 Fax No: 397-1471
Sampler Signature: Roy R. Rascon

Project Name: Vac JCT-M-26
Project #:
Project Loc:
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO_3	HCl	NaOH	H_2SO_4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify)	Analyze For: TCLP: TDS / SAR / EC	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	RUSH TAT (Pre-Schedule)	Standard TAT
52320A																TOTAL:									
-61	VERT. @ 12'	9-20-05	1000A	1	✓									✓		✓			✓				✓		

Special Instructions:

Sample Containers Intact? Y N
Temperature Upon Receipt:
Laboratory Comments: Labels/Seals ~1.0

Relinquished by:	Date	Time	Received by:	Date	Time
Roy R. Rascon	9-20-05	5:00 P		9/21	18:00
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
	9/22	8:02	Coreen Lopez	9/22/05	8:00

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

Client: Rice Op.

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

Order #: 5E22004

Initials: CK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	-1.6 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:

_____

_____

_____

_____

_____

_____

_____

_____

RICE OPERATING COMPANY

122 WEST TAYLOR
HOBBS, NEW MEXICO 88240
PHONE: (505) 393-9174 FAX: (505) 397-1471

VOC FIELD TEST REPORT FORM

MINI RAE PLUS CLASSIC PHOTOIONIZATION GAS DETECTOR

MODEL NO: PGM 761S
SERIAL NO: 104412
CALIBRATION GAS
GAS COMPOSITION: ISOBUTYLENE 100 PPM
AIR BALANCE
LOT NO: 04-2474
FILL DATE: 2-1-05
EXP. DATE: 8-1-06
ACCURACY: +/- 2%
METER READING
ACCURACY: 100.0

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
VAC.	Vent M-26	M	26	17S	35E

Vert. @ Source @ 12'

SAMPLE	PID RESULT	SAMPLE	PID RESULT
5'	1229		
6'	2001		
7'	752		
8'	1534		
9'	OVER 1279		
10'	OVER 3464		
11'	OVER 3664		
12'	OVER 3228		

COPY

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

Ray R. Rascon
Signature

9-20-05
Date