1R - 428 - 44

REPORTS

DATE:

FEB 21, 2006

R.T. HICKS CONSULTANTS, LTD.
1909 Brunson Avenue • Midland, Texas 79701-6924 • 432.638.8740 • Fax: 413.403.9968

CERTIFIED MAIL
RETURN RECIEPT NO. 7099 3400 0017 1737 2619

February 21, 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 GROUNDWATER MONITORING REPORT
F-29-1A VENT, HOBBS ABANDONMENT SWD SYSTEM
UNIT 'F', SEC. 29, T18S, R38E
NMOCD CASE # 1R0428

Mr. Price:

R. T. Hicks Consultants, Ltd. takes this opportunity to submit the 2005 Annual Groundwater Monitoring Report for the F-29-1A Vent site located in the Hobbs Salt Water Disposal (SWD) System. In your email on February 2, 2006, you withdrew the requirement for an abatement plan for the F-29-1A Vent site, under the conditions that the current on site monitor well remain for future monitoring in the area and that ROC shall submit documentation of closure activities. In 2006, Arc Environmental will sample the well and Environmental Lab of Texas of Odessa, Texas will continue to analyze the water samples. The Hobbs SWD System has been abandoned.

Thank you for your consideration concerning this annual summary of groundwater monitoring information. If you have any questions, do not hesitate to contact me at (423) 638-8740 or Kristin Farris Pope at (505) 393-9174.

Sincerely,

Gilbert J. Van Deventer, REM, PG
R. T. Hicks Consultants Ltd.

enclosures: Summary table & figure, analytical results

cc: LBG, CDH, KFP, RTH, file

TABLE AND FIGURES

Table 1

Summary of Groundwater Sampling Results

Hobbs Abandonment F-29-1A Vent Site

Monitoring Well	Sample Date	Depth to Groundwater (feet BTOC)	Total Depth (feet BTOC)	Chloride (mg/L)	Sulfate (mg/L)	TDS (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
MW-1 (Shallow)	12/2/04	60.64	74.80	725	---	3280	<0.001	<0.001	<0.001	<0.001
	3/22/05	60.08	74.80	879	1780	3960	<0.001	<0.001	<0.001	<0.001
	5/19/05	60.04	74.80	626	788	2750	<0.001	<0.001	<0.001	<0.001
	8/9/05	60.14	74.80	470	475	1780	<0.001	<0.001	<0.001	<0.001
	11/1/05	60.34	74.80	226	218	1100	<0.001	<0.001	<0.001	<0.001
	1/31/06	60.42	74.80	144	58.1	924	<0.001	<0.001	<0.001	<0.001
MW-1 (Deep)	12/2/04	60.74	102.57	100	---	465	<0.001	<0.001	<0.001	<0.001
	3/22/05	60.10	102.57	613	154	930	<0.001	<0.001	<0.001	<0.001
	5/19/05	60.13	102.57	332	84.5	1260	<0.001	<0.001	<0.001	<0.001
	8/9/05	60.22	102.57	322	75.7	1080	<0.001	<0.001	<0.001	<0.001
	11/1/05	60.45	102.57	300	63.2	986	<0.001	<0.0001	<0.001	<0.001
	1/31/06	60.54	102.57	270	58.1	1000	<0.001	<0.001	<0.001	<0.001
WQCC Standards				250	600	1000	0.01	0.75	0.75	0.62

Total Dissolved Solids (TDS), chloride, sulfate, and BTEX concentrations listed in milligrams per liter (mg/L)
Values in boldface type indicate concentrations exceed New Mexico Water Quality Commission (WQCC) standards.
BTOC - Below Top of Casing
--- Indicates parameter was not analyzed.

Figure 1
TDS, Chloride, Sulfate, and Depth to Groundwater Values Versus Time Graph
(Shallow MW-1)

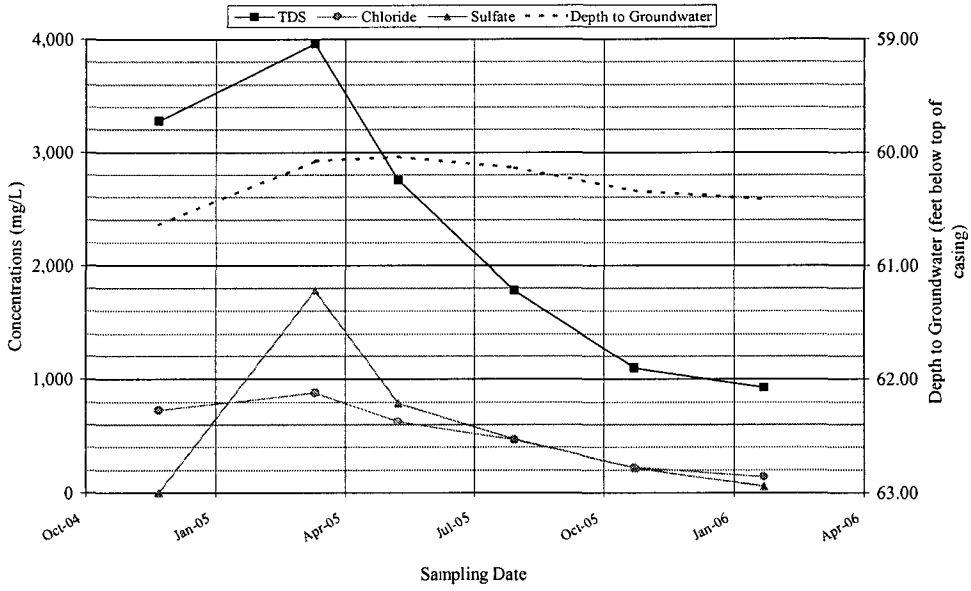
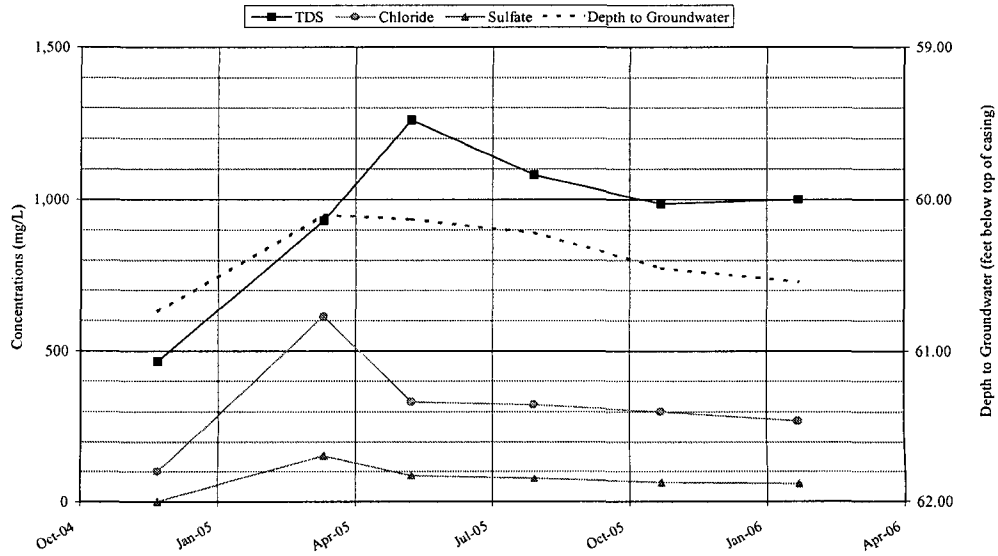


Figure 2
TDS, Chloride, Sulfate, and Depth to Groundwater Values Versus Time Graph
(Deep MW-1)



LABORATORY ANALYTICAL REPORTS

AND

CHAINS OF CUSTODY

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Kristin Pope

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: Hobbs Vent F-29-1A

Project Number: None Given

Location: Hobbs/ Lea County

Lab Order Number: 5C23007

Report Date: 04/05/05

Rice Operating Co.	Project: Hobbs Vent F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	04/05/05 14:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SWB-1-1	5C23007-01	Water	03/22/05 15:35	03/23/05 08:00
SWB-1-2	5C23007-02	Water	03/22/05 15:10	03/23/05 08:00

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Rice Operating Co.	Project: Hobbs Vent F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	04/05/05 14:51

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SWB-1-1 (5C23007-01) Water									
Benzene	ND	0.00100	mg/L	1	EC52804	03/24/05	03/24/05	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*114 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.0 %*	*80-120*		"	"	"	"	
SWB-1-2 (5C23007-02) Water									
Benzene	ND	0.00100	mg/L	1	EC52804	03/24/05	03/24/05	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*108 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*81.0 %*	*80-120*		"	"	"	"	

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Rice Operating Co.	Project: Hobbs Vent F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	04/05/05 14:51

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SWB-1-1 (5C23007-01) Water									
Total Alkalinity	**144**	2.00	mg/L	1	EC52908	03/23/05	03/23/05	EPA 310.2M	
Chloride	**613**	5.00	"	10	EC52513	03/24/05	03/24/05	EPA 300.0	
Total Dissolved Solids	**930**	5.00	"	1	EC52507	03/24/05	03/25/05	EPA 160.1	
Sulfate	**154**	5.00	"	10	EC52513	03/24/05	03/24/05	EPA 300.0	
SWB-1-2 (5C23007-02) Water									
Total Alkalinity	**574**	2.00	mg/L	1	EC52908	03/23/05	03/23/05	EPA 310.2M	
Chloride	**879**	25.0	"	50	EC52513	03/24/05	03/24/05	EPA 300.0	
Total Dissolved Solids	**3960**	5.00	"	1	EC52507	03/24/05	03/25/05	EPA 160.1	
Sulfate	**1780**	25.0	"	50	EC52513	03/24/05	03/24/05	EPA 300.0	

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Rice Operating Co.	Project: Hobbs Vent F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	04/05/05 14:51

Total Metals by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SWB-1-1 (5C23007-01) Water									
Calcium	**168**	1.00	mg/L	100	EC53102	03/29/05	03/30/05	EPA 6010B	
Magnesium	**26.4**	0.0100	"	10	"	"	"	"	
Sodium	**114**	0.100	"	"	"	"	"	"	
Potassium	**9.22**	0.100	"	2	EC53109	03/29/05	03/31/05	"	
SWB-1-2 (5C23007-02) Water									
Calcium	**36.4**	0.100	mg/L	10	EC53102	03/29/05	03/30/05	EPA 6010B	
Magnesium	**41.9**	0.0100	"	"	"	"	"	"	
Sodium	**1840**	10.0	"	1000	"	"	"	"	
Potassium	**32.5**	0.500	"	10	EC53109	03/29/05	03/31/05	"	

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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 EC52804 - EPA 5030C (GC)										
Blank (EC52804-BLK1)				Prepared & Analyzed: 03/24/05						
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	*19.8*		*ug/l*	*20.0*		*99.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*17.3*		"	*20.0*		*86.5*	*80-120*			
LCS (EC52804-BS1)				Prepared & Analyzed: 03/24/05						
Benzene	100		ug/l	100		100	80-120			
Toluene	98.6		"	100		98.6	80-120			
Ethylbenzene	98.5		"	100		98.5	80-120			
Xylene (p/m)	201		"	200		100	80-120			
Xylene (o)	94.1		"	100		94.1	80-120			
Surrogate: a,a,a-Trifluorotoluene	*22.2*		"	*20.0*		*111*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*16.5*		"	*20.0*		*82.5*	*80-120*			
LCS Dup (EC52804-BSD1)				Prepared & Analyzed: 03/24/05						
Benzene	101		ug/l	100		101	80-120	0.995	20	
Toluene	99.0		"	100		99.0	80-120	0.405	20	
Ethylbenzene	97.8		"	100		97.8	80-120	0.713	20	
Xylene (p/m)	199		"	200		99.5	80-120	0.501	20	
Xylene (o)	99.5		"	100		99.5	80-120	5.58	20	
Surrogate: a,a,a-Trifluorotoluene	*22.3*		"	*20.0*		*112*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*16.5*		"	*20.0*		*82.5*	*80-120*			
Calibration Check (EC52804-CCV1)				Prepared: 03/24/05 Analyzed: 03/25/05						
Benzene	98.8		ug/l	100		98.8	80-120			
Toluene	95.7		"	100		95.7	80-120			
Ethylbenzene	97.6		"	100		97.6	80-120			
Xylene (p/m)	192		"	200		96.0	80-120			
Xylene (o)	103		"	100		103	80-120			
Surrogate: a,a,a-Trifluorotoluene	*22.0*		"	*20.0*		*110*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*18.4*		"	*20.0*		*92.0*	*80-120*			

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Rice Operating Co.	Project: Hobbs Vent F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	04/05/05 14:51

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 EC52804 - EPA 5030C (GC)										
Matrix Spike (EC52804-MS1)	**Source: 5C23005-01**			Prepared: 03/24/05 Analyzed: 03/28/05						
Benzene	95.1		ug/l	100	ND	95.1	80-120			
Toluene	97.2		"	100	ND	97.2	80-120			
Ethylbenzene	89.2		"	100	ND	89.2	80-120			
Xylene (p/m)	183		"	200	ND	91.5	80-120			
Xylene (o)	93.3		"	100	ND	93.3	80-120			
Surrogate: a,a,a-Trifluorotoluene	*22.0*		"	*20.0*		*110*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*20.6*		"	*20.0*		*103*	*80-120*			

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Rice Operating Co.	Project: Hobbs Vent F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	04/05/05 14:51

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 EC52507 - General Preparation (WetChem)										
Blank (EC52507-BLK1)				Prepared: 03/24/05 Analyzed: 03/25/05						
Total Dissolved Solids	ND	5.00	mg/L							
Duplicate (EC52507-DUP1)	**Source: 5C23001-01**			Prepared: 03/24/05 Analyzed: 03/25/05						
Total Dissolved Solids	1140	5.00	mg/L		1140			0.00	20	
Batch EC52513 - General Preparation (WetChem)										
Blank (EC52513-BLK1)				Prepared & Analyzed: 03/24/05						
Sulfate	ND	0.500	mg/L							
Chloride	ND	0.500	"							
Blank (EC52513-BLK2)				Prepared & Analyzed: 03/24/05						
Chloride	ND	0.500	mg/L							
Sulfate	ND	0.500	"							
LCS (EC52513-BS1)				Prepared & Analyzed: 03/24/05						
Chloride	10.4		mg/L	10.0		104	80-120			
Sulfate	9.53		"	10.0		95.3	80-120			
LCS (EC52513-BS2)				Prepared & Analyzed: 03/24/05						
Chloride	10.5		mg/L	10.0		105	80-120			
Sulfate	9.80		"	10.0		98.0	80-120			
Calibration Check (EC52513-CCV1)				Prepared & Analyzed: 03/24/05						
Chloride	10.6		mg/L	10.0		106	80-120			
Sulfate	9.93		"	10.0		99.3	80-120			

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Rice Operating Co.	Project: Hobbs Vent F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	04/05/05 14:51

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 EC52513 - General Preparation (WetChem)										
Calibration Check (EC52513-CCV2)				Prepared & Analyzed: 03/24/05						
Sulfate	9.80		mg/L	10.0		98.0	80-120			
Chloride	10.6		"	10.0		106	80-120			
Duplicate (EC52513-DUP1)		**Source: 5C23001-01**		Prepared & Analyzed: 03/24/05						
Chloride	216	5.00	mg/L		215			0.464	20	
Sulfate	216	5.00	"		215			0.464	20	
Duplicate (EC52513-DUP2)		**Source: 5C23018-07**		Prepared & Analyzed: 03/24/05						
Chloride	1540	12.5	mg/L		1530			0.651	20	
Sulfate	163	12.5	"		163			0.00	20	
Batch EC52908 - General Preparation (WetChem)										
Blank (EC52908-BLK1)				Prepared & Analyzed: 03/23/05						
Total Alkalinity	ND	2.00	mg/L							
Calibration Check (EC52908-CCV1)				Prepared & Analyzed: 03/23/05						
Carbonate Alkalinity	0.0500		mg/L	0.0500		100	80-120			
Duplicate (EC52908-DUP1)		**Source: 5C22002-01**		Prepared & Analyzed: 03/23/05						
Total Alkalinity	221	2.00	mg/L		220			0.454	20	

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Rice Operating Co.	Project: Hobbs Vent F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	04/05/05 14:51

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 EC53102 - 6010B/No Digestion										
Blank (EC53102-BLK1)				Prepared: 03/29/05 Analyzed: 03/30/05						
Calcium	ND	0.0100	mg/L							
Magnesium	ND	0.00100	"							
Sodium	ND	0.0100	"							
Calibration Check (EC53102-CCV1)				Prepared: 03/29/05 Analyzed: 03/30/05						
Calcium	2.25		mg/L	2.00		112	85-115			
Magnesium	1.93		"	2.00		96.5	85-115			
Sodium	2.18		"	2.00		109	85-115			
Duplicate (EC53102-DUP1)		**Source: 5C23001-01**		Prepared: 03/29/05 Analyzed: 03/30/05						
Calcium	47.7	0.100	mg/L		51.6			7.85	20	
Magnesium	62.7	0.0200	"		59.3			5.57	20	
Sodium	247	1.00	"		252			2.00	20	
Batch EC53109 - 6010B/No Digestion										
Blank (EC53109-BLK1)				Prepared: 03/29/05 Analyzed: 03/31/05						
Potassium	ND	0.0500	mg/L							
Calibration Check (EC53109-CCV1)				Prepared: 03/29/05 Analyzed: 03/31/05						
Potassium	2.02		mg/L	2.00		101	85-115			
Duplicate (EC53109-DUP1)		**Source: 5C23001-01**		Prepared: 03/29/05 Analyzed: 03/31/05						
Potassium	10.1	0.500	mg/L		10.7			5.77	20	

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Rice Operating Co.	Project: Hobbs Vent F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	04/05/05 14:51

Notes and Definitions

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

Report Approved By: Raland K Tuttle Date: 4/5/2005

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.

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Environmental Lab of Texas

12600 West I-20 East
Odessa, Texas 79765
Phone: 432-563-1800
Fax: 432-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Kristin Farris Pope
Company Name: Rice Operating
Company Address: 122 W. Taylor St.
City/State/Zip: Hobbs, NM 88240
Telephone No: (505) 393-9174 Fax No: (505) 397-1471
Sampler Signature:

Project Name: Hobbs Vent F29-1A
Project #:
Project Loc: Hobbs / Lea County
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	Preservative: HNO_3	Preservative: HCl	Preservative: NaOH	Preservative: H_2SO_4	Preservative: None	Preservative: Other (specify)	Matrix: Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify)	Analyze For: TCLP: TPH: 418.1 8015M 1005 1006	Analyze For: TOTAL: Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	TDS			RUSH TAT (Pre-Schedule)	Standard TAT
502300-1	SWB-1-1	2005 3/22/05	15:35	3	X		X					X					X	X					X			X			X	X
-02	SWB-1-2	3/22/05	15:10	3	X		X					X					X	X					X			X			X	X

Special Instructions:
Please email analysis to Kristin enviro@leaco.net

Sample Containers Intact? Y N
Temperature Upon Receipt: 0.5°C
Laboratory Comments: 1-L HDPE 2-40mL glass w/HCl Packet on ice w/seals on containers + cooler

Relinquished by:	Date	Time	Received by:	Date	Time
	3-22-05	16:03		3-22-05	16:03
Relinquished by:	Date	Time	Received by ELOT: From Drop Box	Date	Time
	3-22-05	6:36p	Jeanne McMurray	03-23-05	0800

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

Client: Rice Operating

Date/Time: 3/23/05 10:15

Order #: 5C23007

Initials: CK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	0.5 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:

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Kristin Pope

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: Hobbs Vent F-29-1A

Project Number: None Given

Location: Hobbs

Lab Order Number: 5E23001

Report Date: 06/07/05

Rice Operating Co.	Project: Hobbs Vent F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	06/07/05 14:10

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SWD B-1-1	5E23001-01	Water	05/19/05 09:47	05/20/05 18:00
SWD B-1-2	5E23001-02	Water	05/19/05 10:44	05/20/05 18:00

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Rice Operating Co.	Project: Hobbs Vent F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	06/07/05 14:10

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SWD B-1-1 (5E23001-01) Water									
Benzene	ND	0.00100	mg/L	1	EE52313	05/23/05	05/23/05	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*93.0 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.0 %*	*80-120*		"	"	"	"	
SWD B-1-2 (5E23001-02) Water									
Benzene	ND	0.00100	mg/L	1	EE52313	05/23/05	05/23/05	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*93.5 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.0 %*	*80-120*		"	"	"	"	

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

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Rice Operating Co.	Project: Hobbs Vent F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	06/07/05 14:10

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SWD B-1-1 (5E23001-01) Water									
Total Alkalinity	**142**	2.00	mg/L	1	EE52509	05/24/05	05/24/05	EPA 310.2M	
Chloride	**332**	5.00	"	10	EE52503	05/24/05	05/24/05	EPA 300.0	
Total Dissolved Solids	**1260**	5.00	"	1	EE52507	05/23/05	05/23/05	EPA 160.1	
Sulfate	**84.5**	5.00	"	10	EE52503	05/24/05	05/24/05	EPA 300.0	
SWD B-1-2 (5E23001-02) Water									
Total Alkalinity	**440**	2.00	mg/L	1	EE52509	05/24/05	05/24/05	EPA 310.2M	
Chloride	**626**	25.0	"	50	EE52503	05/24/05	05/24/05	EPA 300.0	
Total Dissolved Solids	**2750**	5.00	"	1	EE52507	05/23/05	05/23/05	EPA 160.1	
Sulfate	**788**	25.0	"	50	EE52503	05/24/05	05/24/05	EPA 300.0	

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

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Rice Operating Co.	Project: Hobbs Vent F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	06/07/05 14:10

Total Metals by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SWD B-1-1 (5E23001-01) Water									
Calcium	**130**	0.500	mg/L	50	EE52518	05/25/05	05/25/05	EPA 6010B	
Magnesium	**25.3**	0.0100	"	10	"	"	"	"	
Potassium	**5.92**	0.0500	"	1	"	"	"	"	
Sodium	**85.9**	0.100	"	10	"	"	"	"	
SWD B-1-2 (5E23001-02) Water									
Calcium	**71.4**	0.100	mg/L	10	EE52518	05/25/05	05/25/05	EPA 6010B	
Magnesium	**31.0**	0.0100	"	"	"	"	"	"	
Potassium	**10.9**	0.250	"	5	"	"	"	"	
Sodium	**682**	2.00	"	200	"	"	"	"	

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

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Rice Operating Co.	Project: Hobbs Vent F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	06/07/05 14:10

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 EE52313 - EPA 5030C (GC)										
Blank (EE52313-BLK1)				Prepared & Analyzed: 05/23/05						
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	*18.3*		*ug/l*	*20.0*		*91.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*21.1*		*"*	*20.0*		*106*	*80-120*			
LCS (EE52313-BS1)				Prepared & Analyzed: 05/23/05						
Benzene	94.6		ug/l	100		94.6	80-120			
Toluene	99.1		"	100		99.1	80-120			
Ethylbenzene	111		"	100		111	80-120			
Xylene (p/m)	224		"	200		112	80-120			
Xylene (o)	115		"	100		115	80-120			
Surrogate: a,a,a-Trifluorotoluene	*20.3*		*"*	*20.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*22.4*		*"*	*20.0*		*112*	*80-120*			
Calibration Check (EE52313-CCV1)				Prepared: 05/23/05 Analyzed: 05/24/05						
Benzene	84.6		ug/l	100		84.6	80-120			
Toluene	92.8		"	100		92.8	80-120			
Ethylbenzene	91.1		"	100		91.1	80-120			
Xylene (p/m)	182		"	200		91.0	80-120			
Xylene (o)	87.9		"	100		87.9	80-120			
Surrogate: a,a,a-Trifluorotoluene	*17.3*		*"*	*20.0*		*86.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*19.4*		*"*	*20.0*		*97.0*	*80-120*			
Matrix Spike (EE52313-MS1)	**Source: 5E23008-05**			Prepared: 05/23/05 Analyzed: 05/24/05						
Benzene	92.0		ug/l	100	ND	92.0	80-120			
Toluene	91.8		"	100	ND	91.8	80-120			
Ethylbenzene	90.0		"	100	ND	90.0	80-120			
Xylene (p/m)	192		"	200	ND	96.0	80-120			
Xylene (o)	93.5		"	100	ND	93.5	80-120			
Surrogate: a,a,a-Trifluorotoluene	*18.3*		*"*	*20.0*		*91.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*22.8*		*"*	*20.0*		*114*	*80-120*			

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

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Rice Operating Co.	Project: Hobbs Vent F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	06/07/05 14:10

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 EE52313 - EPA 5030C (GC)										
Matrix Spike Dup (EE52313-MSD1)	**Source: 5E23008-05**			Prepared: 05/23/05 Analyzed: 05/24/05						
Benzene	92.6		ug/l	100	ND	92.6	80-120	0.650	20	
Toluene	93.5		"	100	ND	93.5	80-120	1.83	20	
Ethylbenzene	94.9		"	100	ND	94.9	80-120	5.30	20	
Xylene (p/m)	187		"	200	ND	93.5	80-120	2.64	20	
Xylene (o)	95.2		"	100	ND	95.2	80-120	1.80	20	
Surrogate: a,a,a-Trifluorotoluene	*18.0*		"	*20.0*		*90.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.0*		"	*20.0*		*115*	*80-120*			

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

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Rice Operating Co.	Project: Hobbs Vent F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	06/07/05 14:10

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 EE52503 - General Preparation (WetChem)										
Blank (EE52503-BLK1)				Prepared & Analyzed: 05/24/05						
Sulfate	ND	0.500	mg/L							
Chloride	ND	0.500	"							
LCS (EE52503-BS1)				Prepared & Analyzed: 05/24/05						
Chloride	10.5		mg/L	10.0		105	80-120			
Sulfate	9.69		"	10.0		96.9	80-120			
Calibration Check (EE52503-CCV1)				Prepared & Analyzed: 05/24/05						
Chloride	10.8		mg/L	10.0		108	80-120			
Sulfate	9.24		"	10.0		92.4	80-120			
Duplicate (EE52503-DUP1)	**Source: 5E20008-01**			Prepared & Analyzed: 05/24/05						
Chloride	345	10.0	mg/L		347			0.578	20	
Sulfate	462	10.0	"		478			3.40	20	
Batch EE52507 - Filtration Preparation										
Blank (EE52507-BLK1)				Prepared & Analyzed: 05/23/05						
Total Dissolved Solids	ND	5.00	mg/L							
Duplicate (EE52507-DUP1)	**Source: 5E19012-01**			Prepared & Analyzed: 05/23/05						
Total Dissolved Solids	704	5.00	mg/L		699			0.713	20	
Batch EE52509 - General Preparation (WetChem)										
Blank (EE52509-BLK1)				Prepared & Analyzed: 05/24/05						
Total Alkalinity	ND	2.00	mg/L							

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

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Rice Operating Co.	Project: Hobbs Vent F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	06/07/05 14:10

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 EE52509 - General Preparation (WetChem)										
Duplicate (EE52509-DUP1)	**Source: 5E19001-01**			Prepared & Analyzed: 05/24/05						
Total Alkalinity	215	2.00	mg/L		214			0.466	20	
Reference (EE52509-SRM1)				Prepared & Analyzed: 05/24/05						
Bicarbonate Alkalinity	230		mg/L	200		115	80-120			

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

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

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 EE52518 - 6010B/No Digestion										
Blank (EE52518-BLK1)				Prepared & Analyzed: 05/25/05						
Calcium	ND	0.0100	mg/L							
Magnesium	ND	0.00100	"							
Potassium	ND	0.0500	"							
Sodium	ND	0.0100	"							
Blank (EE52518-BLK2)				Prepared & Analyzed: 05/25/05						
Calcium	ND	0.0100	mg/L							
Magnesium	ND	0.00100	"							
Potassium	ND	0.0500	"							
Sodium	ND	0.0100	"							
Calibration Check (EE52518-CCV1)				Prepared & Analyzed: 05/25/05						
Calcium	1.86		mg/L	2.00		93.0	85-115			
Magnesium	2.10		"	2.00		105	85-115			
Potassium	1.93		"	2.00		96.5	85-115			
Sodium	2.18		"	2.00		109	85-115			
Duplicate (EE52518-DUP1)	**Source: 5E19001-01**			Prepared & Analyzed: 05/25/05						
Calcium	51.6	0.500	mg/L		56.0			8.18	20	
Magnesium	26.4	0.0100	"		27.2			2.99	20	
Potassium	5.70	0.0500	"		5.69			0.176	20	
Sodium	109	0.100	"		110			0.913	20	
Duplicate (EE52518-DUP2)	**Source: 5E24016-01**			Prepared & Analyzed: 05/25/05						
Calcium	90.2	0.100	mg/L		89.5			0.779	20	
Magnesium	50.6	0.0100	"		50.5			0.198	20	
Potassium	10.7	0.500	"		11.0			2.76	20	
Sodium	244	0.500	"		248			1.63	20	

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

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: 6/7/2005

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 I, Ltd.

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: Kristin Farris Pope
Company Name: Rice Operating
Company Address: 122 W Taylor St.
City/State/Zip: Hobbs, NM 88240
Telephone No: (505) 393-9174 Fax No: (505) 397-1471
Sampler Signature: Jake Ware

Project Name: Hobbs Unit F-29 I-A
Project #:
Project Loc: Hobbs
PO #:

LAB # (lab use only) SE23001	FIELD CODE	Date Sampled 2005	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify)	Analyze For: TPH: 418.1 8015M 1006 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	BAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/8030	RCI	B.O.R.M.	Total Gamma	TOLP: TOTAL: Total Dissolved Solids		RUSH TAT (Pre-Schedule)	Standard TAT
-01	SWD B-1-1	May 19	09:47	3	X		X				X					X	X					X				X		X	X
-02	SWD B-1-2	May 19	10:14	3	X		X				X					X	X					X				X		X	X

Special Instructions: Please email analysis to Kristin enviro@leaco.net

Sample Containers Intact? (Y) N
Temperature Upon Receipt: -1.5°C
Laboratory Comments: 1 - L HDPE, 2 - 40mlglass w/HCl — each set on ice w/ labels + seals; seal on cooler

Relinquished by	Date	Time	Received by	Date	Time
Jake Ware	5/19/05	2:30	Jennifer Johnson	5/19/05	1:33pm
Relinquished by	Date	Time	Received by ELOT	Date	Time
[signature]	5/20	18:00	Jaime McMurrey	05-20-05	1800

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

Client: Rice Operating

Date/Time: 5/20/05 18:00

Order #: 5E23001

Initials: CK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	1.5 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:

_____

_____

_____

_____

_____

_____

_____

_____

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Kristin Pope

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: Hobbs Vent F-29-1A

Project Number: None Given

Location: Hobbs

Lab Order Number: 5H09005

Report Date: 08/24/05

Rice Operating Co.	Project: Hobbs Vent F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	08/24/05 08:42

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Monitor Well #SWD B-1-1	5H09005-01	Water	08/09/05 08:50	08/09/05 15:12
Monitor Well #SWD B-1-2	5H09005-02	Water	08/09/05 09:20	08/09/05 15:12

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Rice Operating Co.	Project: Hobbs Vent F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	08/24/05 08:42

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #SWD B-1-1 (5H09005-01) Water									
Benzene	ND	0.00100	mg/L	1	EH51001	08/10/05	08/10/05	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*93.1 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87.0 %*	*80-120*		"	"	"	"	
Monitor Well #SWD B-1-2 (5H09005-02) Water									
Benzene	ND	0.00100	mg/L	1	EH51001	08/10/05	08/10/05	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*86.7 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87.5 %*	*80-120*		"	"	"	"	

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12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Rice Operating Co.	Project: Hobbs Vent F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	08/24/05 08:42

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #SWD B-1-1 (5H09005-01) Water									
Total Alkalinity	**140**	2.00	mg/L	1	EH51207	08/10/05	08/10/05	EPA 310.2M	
Chloride	**322**	5.00	"	10	EH51906	08/15/05	08/15/05	EPA 300.0	
Total Dissolved Solids	***1080***	5.00	"	1	EH51002	08/10/05	08/11/05	EPA 160.1	
Sulfate	**75.7**	5.00	"	10	EH51906	08/15/05	08/15/05	EPA 300.0	
Monitor Well #SWD B-1-2 (5H09005-02) Water									
Total Alkalinity	**332**	2.00	mg/L	1	EH51207	08/10/05	08/10/05	EPA 310.2M	
Chloride	**470**	12.5	"	25	EH51906	08/15/05	08/15/05	EPA 300.0	
Total Dissolved Solids	**1780**	5.00	"	1	EH51002	08/10/05	08/11/05	EPA 160.1	
Sulfate	**475**	12.5	"	25	EH51906	08/15/05	08/15/05	EPA 300.0	

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12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Rice Operating Co.	Project: Hobbs Vent F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	08/24/05 08:42

Total Metals by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #SWD B-1-1 (5H09005-01) Water									
Calcium	**153**	0.500	mg/L	50	EH51103	08/11/05	08/11/05	EPA 6010B	
Magnesium	**24.7**	0.0100	"	10	"	"	"	"	
Potassium	**5.92**	0.0500	"	1	"	"	"	"	
Sodium	**81.4**	0.100	"	10	"	"	"	"	
Monitor Well #SWD B-1-2 (5H09005-02) Water									
Calcium	**142**	0.500	mg/L	50	EH51103	08/11/05	08/11/05	EPA 6010B	
Magnesium	**32.6**	0.0100	"	10	"	"	"	"	
Potassium	**6.92**	0.250	"	5	"	"	"	"	
Sodium	**477**	2.00	"	200	"	"	"	"	

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12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

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 EH51001 - EPA 5030C (GC)										
Blank (EH51001-BLK1)				Prepared & Analyzed: 08/10/05						
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	*98.2*		*ug/l*	*100*		*98.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*89.7*		*"*	*100*		*89.7*	*80-120*			
LCS (EH51001-BS1)				Prepared & Analyzed: 08/10/05						
Benzene	89.3		ug/l	100		89.3	80-120			
Toluene	92.2		"	100		92.2	80-120			
Ethylbenzene	91.4		"	100		91.4	80-120			
Xylene (p/m)	185		"	200		92.5	80-120			
Xylene (o)	85.5		"	100		85.5	80-120			
Surrogate: a,a,a-Trifluorotoluene	*116*		*"*	*100*		*116*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*115*		*"*	*100*		*115*	*80-120*			
Calibration Check (EH51001-CCV1)				Prepared & Analyzed: 08/10/05						
Benzene	97.2		ug/l	100		97.2	80-120			
Toluene	95.9		"	100		95.9	80-120			
Ethylbenzene	89.1		"	100		89.1	80-120			
Xylene (p/m)	179		"	200		89.5	80-120			
Xylene (o)	81.7		"	100		81.7	80-120			
Surrogate: a,a,a-Trifluorotoluene	*117*		*"*	*100*		*117*	*0-200*			
Surrogate: 4-Bromofluorobenzene	*117*		*"*	*100*		*117*	*0-200*			
Matrix Spike (EH51001-MS1)	**Source: 5H03013-01**			Prepared: 08/10/05 Analyzed: 08/11/05						
Benzene	98.7		ug/l	100	ND	98.7	80-120			
Toluene	99.4		"	100	ND	99.4	80-120			
Ethylbenzene	99.9		"	100	ND	99.9	80-120			
Xylene (p/m)	202		"	200	ND	101	80-120			
Xylene (o)	92.7		"	100	ND	92.7	80-120			
Surrogate: a,a,a-Trifluorotoluene	*90.6*		*"*	*100*		*90.6*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*103*		*"*	*100*		*103*	*80-120*			

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Rice Operating Co.	Project: Hobbs Vent F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	08/24/05 08:42

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 EH51001 - EPA 5030C (GC)										
Matrix Spike Dup (EH51001-MSD1)	**Source: 5H03013-01**			Prepared: 08/10/05 Analyzed: 08/11/05						
Benzene	90.5		ug/l	100	ND	90.5	80-120	8.67	20	
Toluene	93.1		"	100	ND	93.1	80-120	6.55	20	
Ethylbenzene	93.7		"	100	ND	93.7	80-120	6.40	20	
Xylene (p/m)	188		"	200	ND	94.0	80-120	7.18	20	
Xylene (o)	87.9		"	100	ND	87.9	80-120	5.32	20	
Surrogate: a,a,a-Trifluorotoluene	*86.9*		"	*100*		*86.9*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*93.4*		"	*100*		*93.4*	*80-120*			

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Rice Operating Co.	Project: Hobbs Vent F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	08/24/05 08:42

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 EH51002 - General Preparation (WetChem)										
Blank (EH51002-BLK1)				Prepared: 08/10/05 Analyzed: 08/11/05						
Total Dissolved Solids	ND	5.00	mg/L							
Duplicate (EH51002-DUP1)	**Source: 5H09005-01**			Prepared: 08/10/05 Analyzed: 08/11/05						
Total Dissolved Solids	1120	5.00	mg/L		1080			3.64	5	
Batch EH51207 - General Preparation (WetChem)										
Blank (EH51207-BLK1)				Prepared & Analyzed: 08/10/05						
Total Alkalinity	ND	2.00	mg/L							
Duplicate (EH51207-DUP1)	**Source: 5H09005-01**			Prepared & Analyzed: 08/10/05						
Total Alkalinity	137	2.00	mg/L		140			2.17	20	
Reference (EH51207-SRM1)				Prepared & Analyzed: 08/10/05						
Bicarbonate Alkalinity	230		mg/L	200		115	80-120			
Batch EH51906 - General Preparation (WetChem)										
Blank (EH51906-BLK1)				Prepared & Analyzed: 08/15/05						
Sulfate	ND	0.500	mg/L							
Chloride	ND	0.500	"							
LCS (EH51906-BS1)				Prepared & Analyzed: 08/15/05						
Chloride	8.36		mg/L	10.0		83.6	80-120			
Sulfate	9.43		"	10.0		94.3	80-120			

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12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

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 EH51906 - General Preparation (WetChem)										
Calibration Check (EH51906-CCV1)				Prepared & Analyzed: 08/15/05						
Chloride	9.85		mg/L	10.0		98.5	80-120			
Sulfate	11.4		"	10.0		114	80-120			
Duplicate (EH51906-DUP1)	**Source: 5H09007-02**			Prepared & Analyzed: 08/15/05						
Chloride	202	5.00	mg/L		203			0.494	20	
Sulfate	122	5.00	"		122			0.00	20	

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Rice Operating Co.	Project: Hobbs Vent F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	08/24/05 08:42

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 EH51103 - 6010B/No Digestion										
Blank (EH51103-BLK1)				Prepared & Analyzed: 08/11/05						
Calcium	ND	0.0100	mg/L							
Magnesium	ND	0.00100	"							
Potassium	ND	0.0500	"							
Sodium	ND	0.0100	"							
Calibration Check (EH51103-CCV1)				Prepared & Analyzed: 08/11/05						
Calcium	1.95		mg/L	2.00		97.5	85-115			
Magnesium	2.17		"	2.00		108	85-115			
Potassium	1.90		"	2.00		95.0	85-115			
Sodium	1.84		"	2.00		92.0	85-115			
Duplicate (EH51103-DUP1)	**Source: 5H09005-01**			Prepared & Analyzed: 08/11/05						
Calcium	148	0.500	mg/L		153			3.32	20	
Magnesium	24.3	0.0100	"		24.7			1.63	20	
Potassium	5.97	0.0500	"		5.92			0.841	20	
Sodium	80.0	0.100	"		81.4			1.73	20	

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Rice Operating Co.	Project: Hobbs Vent F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Pope	08/24/05 08:42

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: 8/24/2005

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

12600 West I-20 East
Odessa, Texas 79765
Phone: 432-563-1800
Fax: 432-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Kristin Farris Pope
Company Name: Rice Operating
Company Address: 122 W. Taylor St.
City/State/Zip: Hobbs, NM 88240
Telephone No: (505) 393-9174 Fax No: (505) 397-1471
Sampler Signature:

Project Name: Hobbs Vent F-291A
Project #:
Project Loc: Hobbs
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	Preservative: HNO_3	Preservative: HCl	Preservative: NaOH	Preservative: H_2SO_4	Preservative: None	Preservative: Other (Specify)	Matrix: Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify)	Analyze For: TPH: 418.1 8015M 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	T. D. S.			FLUSH TAT (Pre-Schedule)	Standard TAT
5409005																TCLP:														
-01	Monitor Well #SWD B-1-1	8-9-05	8:50	3	X		X					X				TOTAL:	X	X					X			X			X	X
-02	" " SWD B-1-2	8-9-05	9:20	3	X		X					X					X	X					X			X				X

Special Instructions:
Please email analysis to Kristin: Kpricesw@valornet.com

Sample Containers Intact? Y N
Temperature Upon Receipt:
Laboratory Comments: 0.0

Relinquished by	Date	Time	Received by	Date	Time
	8-9-05	10:52	Ray R. Rascon	8-9-05	1052
Relinquished by	Date	MT Time	Received by ELOT	Date	Time
Ray R. Rascon	8-9-05	1403		8/9/05	1512

IL 2 VOA

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

Client: RICE, DR.

Date/Time: 8/9/05 15:12

Order #: 5t109005

Initials: CR

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	0.0 C
Shipping container/cooler in good condition?	Yes	No	
Custody Seals intact on shipping container/cooler?	Yes	No	Not present
Custody Seals intact on sample bottles?	Yes	No	Not present
Chain of custody present?	Yes	No	
Sample Instructions complete on Chain of Custody?	Yes	No	
Chain of Custody signed when relinquished and received?	Yes	No	
Chain of custody agrees with sample label(s)	Yes	No	
Container labels legible and intact?	Yes	No	
Sample Matrix and properties same as on chain of custody?	Yes	No	
Samples in proper container/bottle?	Yes	No	
Samples properly preserved?	Yes	No	
Sample bottles intact?	Yes	No	
Preservations documented on Chain of Custody?	Yes	No	
Containers documented on Chain of Custody?	Yes	No	
Sufficient sample amount for indicated test?	Yes	No	
All samples received within sufficient hold time?	Yes	No	
VOC samples have zero headspace?	Yes	No	Not Applicable

Other observations:

5t109005-01-02 Neutral pH eg 8/9/05

Variance Documentation:

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

Regarding:

Corrective Action Taken:

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Kristin Farris-Pope

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: Hobbs Jct. F-29-1A

Project Number: None Given

Location: Lea County

Lab Order Number: 5K02010

Report Date: 11/11/05

Rice Operating Co.	Project: Hobbs Jct. F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	11/11/05 12:15

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1 Deep	5K02010-01	Water	11/01/05 09:45	11/02/05 14:05
MW-2 Shallow	5K02010-02	Water	11/01/05 10:25	11/02/05 14:05

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Rice Operating Co.	Project: Hobbs Jct. F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	11/11/05 12:15

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 Deep (5K02010-01) Water									
Benzene	ND	0.00100	mg/L	1	EK50810	11/08/05	11/09/05	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*83.8 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.0 %*	*80-120*		"	"	"	"	
MW-2 Shallow (5K02010-02) Water									
Benzene	ND	0.00100	mg/L	1	EK50810	11/08/05	11/08/05	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*82.8 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		"	"	"	"	

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Rice Operating Co.	Project: Hobbs Jct. F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	11/11/05 12:15

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 Deep (5K02010-01) Water									
Total Alkalinity	**140**	4.00	mg/L	2	EK50912	11/09/05	11/09/05	EPA 310.2M	
Chloride	**300**	5.00	"	10	EK50703	11/04/05	11/07/05	EPA 300.0	
Total Dissolved Solids	**986**	5.00	"	1	EK50803	11/03/05	11/04/05	EPA 160.1	
Sulfate	**63.2**	5.00	"	10	EK50703	11/04/05	11/07/05	EPA 300.0	
MW-2 Shallow (5K02010-02) Water									
Total Alkalinity	**274**	4.00	mg/L	2	EK50912	11/09/05	11/09/05	EPA 310 2M	
Chloride	**226**	5.00	"	10	EK50703	11/04/05	11/07/05	EPA 300.0	
Total Dissolved Solids	**1100**	5.00	"	1	EK50803	11/03/05	11/04/05	EPA 160.1	
Sulfate	**218**	5.00	"	10	EK50703	11/04/05	11/07/05	EPA 300.0	

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Rice Operating Co.	Project: Hobbs Jct. F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	11/11/05 12:15

Total Metals by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 Deep (5K02010-01) Water									
Calcium	**141**	0.500	mg/L	50	EK50907	11/09/05	11/09/05	EPA 200.7	
Magnesium	**22.4**	0.0100	"	10	"	"	"	"	
Potassium	**5.70**	0.0500	"	1	"	"	"	"	
Sodium	**63.8**	0.500	"	50	"	"	"	"	
MW-2 Shallow (5K02010-02) Water									
Calcium	**64.6**	0.500	mg/L	50	EK50907	11/09/05	11/09/05	EPA 200.7	
Magnesium	**17.9**	0.0100	"	10	"	"	"	"	
Potassium	**4.31**	0.250	"	5	"	"	"	"	
Sodium	**278**	0.500	"	50	"	"	"	"	

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12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Rice Operating Co.	Project: Hobbs Jct. F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	11/11/05 12:15

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 EK50810 - EPA 5030C (GC)										
Blank (EK50810-BLK1)				Prepared & Analyzed: 11/08/05						
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	*0.0332*		"	*0.0400*		*83.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0323*		"	*0.0400*		*80.8*	*80-120*			
LCS (EK50810-BS1)				Prepared & Analyzed: 11/08/05						
Benzene	0.0400	0.00100	mg/L	0.0500		80.0	80-120			
Toluene	0.0402	0.00100	"	0.0500		80.4	80-120			
Ethylbenzene	0.0400	0.00100	"	0.0500		80.0	80-120			
Xylene (p/m)	0.0813	0.00100	"	0.100		81.3	80-120			
Xylene (o)	0.0415	0.00100	"	0.0500		83.0	80-120			
Surrogate: a,a,a-Trifluorotoluene	*0.0347*		"	*0.0400*		*86.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0347*		"	*0.0400*		*86.8*	*80-120*			
Calibration Check (EK50810-CCV1)				Prepared: 11/08/05 Analyzed: 11/09/05						
Benzene	40.4		ug/l	50.0		80.8	80-120			
Toluene	40.9		"	50.0		81.8	80-120			
Ethylbenzene	40.2		"	50.0		80.4	80-120			
Xylene (p/m)	80.9		"	100		80.9	80-120			
Xylene (o)	40.8		"	50.0		81.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	*0.0346*		*mg/L*	*0.0400*		*86.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0343*		"	*0.0400*		*85.8*	*80-120*			
Matrix Spike (EK50810-MS1)	**Source: 5K03003-01**			Prepared: 11/08/05 Analyzed: 11/09/05						
Benzene	0.0401	0.00100	mg/L	0.0500	ND	80.2	80-120			
Toluene	0.0409	0.00100	"	0.0500	ND	81.8	80-120			
Ethylbenzene	0.0401	0.00100	"	0.0500	ND	80.2	80-120			
Xylene (p/m)	0.0802	0.00100	"	0.100	ND	80.2	80-120			
Xylene (o)	0.0418	0.00100	"	0.0500	ND	83.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	*0.0339*		"	*0.0400*		*84.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0344*		"	*0.0400*		*86.0*	*80-120*			

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12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

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 EK50810 - EPA 5030C (GC)										
Matrix Spike Dup (EK50810-MSD1)	**Source: 5K03003-01**			Prepared & Analyzed: 11/08/05						
Benzene	0.0401	0.00100	mg/L	0.0500	ND	80.2	80-120	0.00	20	
Toluene	0.0407	0.00100	"	0.0500	ND	81.4	80-120	0.490	20	
Ethylbenzene	0.0404	0.00100	"	0.0500	ND	80.8	80-120	0.745	20	
Xylene (p/m)	0.0812	0.00100	"	0.100	ND	81.2	80-120	1.24	20	
Xylene (o)	0.0424	0.00100	"	0.0500	ND	84.8	80-120	1.43	20	
Surrogate: a,a,a-Trifluorotoluene	*0.0335*		"	*0.0400*		*83.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0381*		"	*0.0400*		*95.2*	*80-120*			

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Rice Operating Co.	Project: Hobbs Jct. F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	11/11/05 12:15

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 EK50703 - General Preparation (WetChem)										
Blank (EK50703-BLK1)				Prepared: 11/04/05 Analyzed: 11/07/05						
Sulfate	ND	0.500	mg/L							
Chloride	ND	0.500	"							
LCS (EK50703-BS1)				Prepared: 11/04/05 Analyzed: 11/07/05						
Sulfate	8.75		mg/L	10.0		87.5	80-120			
Chloride	8 00		"	10.0		80 0	80-120			
Calibration Check (EK50703-CCV1)				Prepared: 11/04/05 Analyzed: 11/07/05						
Chloride	8.13		mg/L	10.0		81.3	80-120			
Sulfate	8.85		"	10.0		88.5	80-120			
Duplicate (EK50703-DUP1)	**Source: 5K02009-01**			Prepared: 11/04/05 Analyzed: 11/07/05						
Sulfate	105	10.0	mg/L		100			4.88	20	
Chloride	189	10.0	"		185			2.14	20	
Batch EK50803 - General Preparation (WetChem)										
Blank (EK50803-BLK1)				Prepared: 11/03/05 Analyzed: 11/04/05						
Total Dissolved Solids	ND	5.00	mg/L							
Duplicate (EK50803-DUP1)	**Source: 5K02009-01**			Prepared: 11/03/05 Analyzed: 11/04/05						
Total Dissolved Solids	736	5.00	mg/L		762			3.47	5	
Batch EK50912 - General Preparation (WetChem)										
Blank (EK50912-BLK1)				Prepared & Analyzed: 11/09/05						
Total Alkalinity	ND	2.00	mg/L							

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Rice Operating Co.	Project: Hobbs Jct. F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	11/11/05 12:15

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 EK50912 - General Preparation (WetChem)										
Duplicate (EK50912-DUP1)		**Source: 5K02009-01**		Prepared & Analyzed: 11/09/05						
Total Alkalinity	206	4.00	mg/L		208			0.966	20	
Reference (EK50912-SRM1)				Prepared & Analyzed: 11/09/05						
Bicarbonate Alkalinity	229		mg/L	200		114	80-120			

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Rice Operating Co.	Project: Hobbs Jct. F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	11/11/05 12:15

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 EK50907 - 6010B/No Digestion										
Blank (EK50907-BLK1)				Prepared & Analyzed: 11/09/05						
Calcium	ND	0.0100	mg/L							
Magnesium	ND	0.00100	"							
Potassium	ND	0.0500	"							
Sodium	ND	0.0100	"							
Calibration Check (EK50907-CCV1)				Prepared & Analyzed: 11/09/05						
Calcium	1.96		mg/L	2.00		98.0	85-115			
Magnesium	2.14		"	2.00		107	85-115			
Potassium	1.89		"	2.00		94.5	85-115			
Sodium	1.88		"	2.00		94.0	85-115			
Duplicate (EK50907-DUP1)	**Source: 5K02009-01**			Prepared & Analyzed: 11/09/05						
Calcium	146	0.500	mg/L		136			7.09	20	
Magnesium	24.7	0.0100	"		24.4			1.22	20	
Potassium	4.71	0.0500	"		4.79			1.68	20	
Sodium	87.3	0.500	"		85.0			2.67	20	

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

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Rice Operating Co.	Project: Hobbs Jct. F-29-1A	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	11/11/05 12:15

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: Celey D. Keene Date: 11/11/2005

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

Jeanne Mc Murrey, Inorg. Tech Director
La Tasha 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

12600 West I-20 East
Odessa, Texas 79765
Phone: 432-563-1800
Fax: 432-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Kristin Farris Pope kpriceswd@valornet.com
Project Name: Hobbs JCT. F-29-1A
Company Name: RICE Operating Company
Project #:
Company Address: 122 W. Taylor Street
Project Loc: Lea County
City/State/Zip: Hobbs, New Mexico 88240
PO #:
Telephone No: (505) 393-9174 Fax No: (505) 397-1471
Sampler Signature: Rozanne Johnson (505) 631-9340
Email: rozanne@valornet.com

LAB # (lab use only) 5K02010	FIELD CODE	Date Sampled 2005	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify)	Analyze For: TCLP: TPH: 418.1 8015M 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	TOTAL: BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Total Dissolved Solids			RUSH TAT (Pre-Schedule)	Standard TAT
-01	Monitor Well # 1 Deep	11-1	9:45	3	X		X					X					X	X					X			X				X
-02	" " 2 Shallow	11-1	10:25	3	X		X					X					X	X					X			X				X

Special Instructions:
PLEASE Email RESULTS TO: kpriceswd@valornet.com & mfranks@riceswd.com

Sample Containers Intact? Y N
Labels on container? Y N
Custody Seals: Containers / Cooler
Temperature Upon Receipt: 1.0

Laboratory Comments:
2-VOA
1L-poly

Relinquished by: Rozanne Johnson	Date 11/2/05	Time 2:04	Received by:	Date	Time
Relinquished by:	Date	Time	Received by ELOT: Carrie Kelly	Date 11/2/05	Time 2:05

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

Client: Pioneer Nat.

Date/Time: 11/2/05 2:05

Order #: 5R02010

Initials: CK

Sample Receipt Checklist

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

Other observations:

_____

_____

_____

Variance Documentation:

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

Regarding:

_____

_____

_____

Corrective Action Taken:

_____

_____

_____

_____

_____

_____

_____

_____