

AP - 59

F-35

**ANNUAL GW MONITORING
REPORT**

**DATE:
2004**

RICE Operating Company

122 West Taylor • Hobbs, New Mexico 88240
Phone: (505)393-9174 • Fax: (505) 397-1471

AP-59
F-35 Annual GW Mon.
Report
2004

CERTIFIED MAIL
RETURN RECEIPT NO. 7002 2410 0000 4940 1688

January 14, 2005

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: 2004 MONITOR WELL REPORT/SAMPLING SUMMARY
F-35 SWD, VACUUM SWD SYSTEM
UNIT 'F', SEC. 35, T17S, R35E
NMOCD CASE #1R0330**

Mr. Price:

Rice Operating Company (ROC) takes this opportunity to submit the 2004 Monitor Well Report for the Vacuum F-35 SWD site located in the Vacuum Salt Water Disposal (SWD) System. One monitoring well was installed on 1/10/2002 during the delineation and removal of a redwood tanks. This well is sampled quarterly pursuant to NMOCD guidelines. In 2004, ROC and Basin Environmental Service Technologies (Basin) of Lovington sampled the well. In 2005, Basin will sample the well and Environmental Lab of Texas of Odessa, Texas will continue to analyze the water samples.

R. T. Hicks Consultants of Albuquerque has been contracted by ROC to address groundwater concerns at this. NMOCD may expect the submission of an Investigation & Characterization Plan (ICP) this year.

ROC is the service provider (operator) for the Vacuum Salt Water Disposal System and has no ownership of any portion of pipeline, well, or facility. The Vacuum SWD System is owned by a consortium of oil producers, System Partners, who provide all operating capital on a percentage ownership/usage basis. In 2004, the Vacuum System Partners approved the discontinuance of the SWD System. Efforts are moving toward abandonment.

Thank you for your consideration concerning this annual summary of groundwater monitoring information. If you have any questions, do not hesitate to contact me.

RICE OPERATING COMAPANY

A handwritten signature in black ink that reads "Kristin Farris Pope". The script is cursive and fluid, with the first name "Kristin" and last name "Pope" being more prominent than the middle name "Farris".

Kristin Farris Pope
Project Scientist

enclosures: Summary table & graph
 Analytical results
 Survey map

cc: LBG, CDH, R. T. Hicks, file, Rob Roy Industries,

Chris Williams
NMOCD, District I Office
1625 N. French Drive
Hobbs, NM 88240

Vacuum F-35 SWD

unit 'F', Sec. 35, T17S, R35E

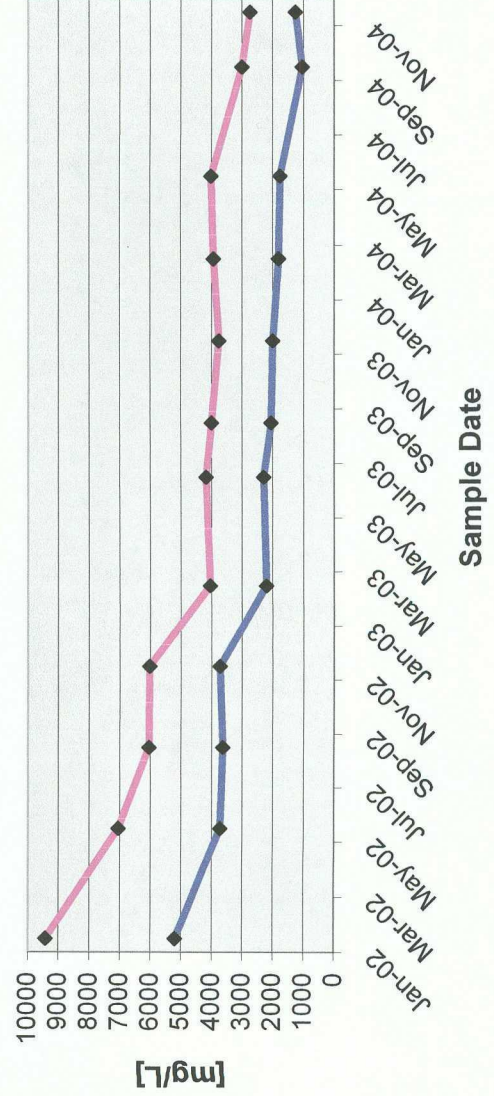
All concentrations are in mg/L

(ft)

MW #	DEPTH TO WATER	TOTAL DEPTH	WELL VOLUME	VOLUME PURGED	SAMPLE DATE	Cl ⁻	TDS	BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLENES	COMMENTS
1	58.00	66.00	1.300	3.90	1/10/02	5200	9425	0.050	0.053	0.050	0.0900	
1	XXX	XXX	XXX	XXX	5/15/02	3720	7050	0.744	0.207	0.510	0.3090	
1	XXX	XXX	XXX	XXX	8/19/02	3630	6040	0.705	0.172	0.112	0.0760	
1	XXX	XXX	XXX	XXX	11/11/02	3720	6020	1.210	0.343	0.835	0.4310	
1	XXX	XXX	XXX	XXX	2/28/03	2200	4040	0.909	0.840	0.321	0.1240	
1	XXX	XXX	XXX	XXX	6/5/03	2300	4180	0.632	0.134	0.061	0.0670	
1	XXX	XXX	XXX	XXX	8/21/03	2060	4000	0.617	0.360	0.202	0.1920	
1	XXX	XXX	XXX	XXX	11/19/03	2000	3760	0.797	0.301	0.264	0.2480	
1	58.20	64.00	0.930	2.78	2/18/04	1819	3932	0.349	0.038	0.121	0.0270	
1	58.50	64.00	0.880	2.64	5/27/04	1759	4008	0.726	0.176	0.268	0.2150	
1	58.20	64.20	0.960	2.90	9/7/04	1040	3000	0.429	0.221	0.143	0.2247	mod. odor; gray
1	57.81	64.20	1.000	3.10	11/24/04	1260	2740	0.0489	0.313	0.209	0.2507	mod. odor; gray

Vacuum F-35 SWD facility Monitor Well

— [Chloride] — [Total Dissolved Solids]







PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: KRISTIN FARRIS
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471

Receiving Date: 02/18/04
Reporting Date: 02/20/04
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: VACUUM F-35

Sampling Date: 02/18/04
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: AH

LAB NUMBER	SAMPLE ID	Na (mg/L)	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Conductivity (μ S/cm)	T-Alkalinity (mgCaCO ₃ /L)
ANALYSIS DATE:		02/19/04	02/19/04	02/19/04	02/19/04	02/19/04	02/19/04
H8471-1	VACUUM F-35 MW 1	1169	139	63	10.2	6759	598
Quality Control		NR	59	42	5.17	1322	NR
True Value QC		NR	50	50	5.00	1413	NR
% Recovery		NR	118	85	103	93.6	NR
Relative Percent Difference		NR	1.7	2.3	1.0	0.7	NR

METHODS:	SM3500-Ca-D	3500-Mg E	8049	120.1	310.1
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	Cl ⁻ (mg/L)	SO ₄ (mg/L)	CO ₃ (mg/L)	HCO ₃ (mg/L)	pH (s.u.)	TDS (mg/L)
ANALYSIS DATE:	02/19/04	02/19/04	02/19/04	02/19/04	02/19/04	02/20/04
H8471-1 VACUUM F-35 MW 1	1819	0.19	0	730	7.54	3932
Quality Control	1010	53.65	NR	1007	7.04	NR
True Value QC	1000	50.00	NR	1000	7.00	NR
% Recovery	101	107	NR	101	101	NR
Relative Percent Difference	2.0	1.5	NR	1.1	0.3	1.4

METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1	160.1
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Chemist


Date

PLEASE NOTE: **Liability and Damages.** Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. Cardinal shall be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



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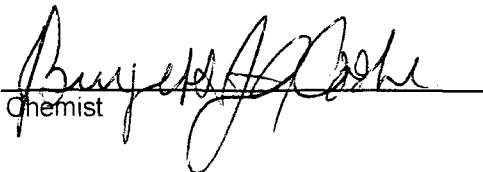
ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: KRISTIN FARRIS
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471

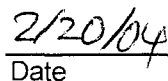
Receiving Date: 02/18/04
Reporting Date: 02/20/04
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: VACUUM F-35

Sampling Date: 02/18/04
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYL BENZENE (mg/L)	TOTAL XYLENES (mg/L)
ANALYSIS DATE		02/18/04	02/18/04	02/18/04	02/18/04
H8471-1	VACUUM F-35 MW 1	0.349	0.038	0.121	0.027
Quality Control		0.094	0.096	0.099	0.304
True Value QC		0.100	0.100	0.100	0.300
% Recovery		94.1	96.0	99.0	101
Relative Percent Difference		1.9	5.1	2.5	0.4

METHOD: EPA SW-846 8260


Chemist


Date

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Page 1 of 1

Company Name: RICE Operating					
Project Manager: Kristin Farris					
Address: 182 W. Taylor					
City: Hobbs					
State: NM Zip: 88400					
Phone #: (505) 393-9174 Fax #: (505) 397-1471					
Project #:					
Project Owner:					
Project Name:					
Project Location: Vacuum E-35					
Sampler Name: K. Farris					
FOR LAB USE ONLY					
Lab I.D.		Sample I.D.			
7f84711		Vacuum E-35 MWI			
		Vacuum E-35 MWI			
		(G)RAB OR (C)OMP.			
		# CONTAINERS			
		GROUNDWATER			
		WASTEWATER			
		SOIL			
		CRUDE OIL			
		SLUDGE			
		OTHER :			
		ACID/BASE:			
		ICE / COOL			
		OTHER :			
		DATE		TIME	
		21/10/04		9:50	
		21/10/04		9:50	
		X		Anions	
		X		Catines	
		X		TDS	
		X		BTEX	
REMARKS:					
Phone Result: Yes No Add'l Phone #:					
Fax Result: Yes No Add'l Fax #:					
RECEIVED BY: (Lab Staff)					
CHECKED BY: (Initials)					
Sample Condition Cool Intact Yes No					
Delivered By: (Circle One) Sampler - UPS - Bus - Other:					

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.



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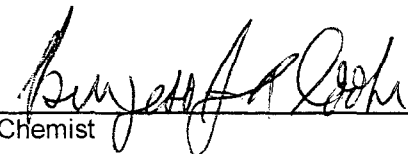
ANALYTICAL RESULTS FOR
RICE OPERATING
ATTN: KRISTIN FARRIS
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471

Receiving Date: 05/28/04
Reporting Date: 05/31/04
Project Number: NOT GIVEN
Project Name: VACUUM F-35
Project Location: F-35 MW 1

Sampling Date: 05/28/04
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYL BENZENE (mg/L)	TOTAL XYLENES (mg/L)
ANALYSIS DATE		05/30/04	05/30/04	05/30/04	05/30/04
H8751-1	F-35 MW 1	0.726	0.176	0.268	0.215
Quality Control		0.094	0.097	0.086	0.257
True Value QC		0.100	0.100	0.100	0.300
% Recovery		94.3	97.3	86.4	85.6
Relative Percent Difference		5.2	1.5	1.4	0.3

METHOD: EPA SW-846 8260


Chemist

5/31/04
Date



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ANALYTICAL RESULTS FOR
RICE OPERATING
ATTN: KRISTIN FARRIS
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471

Receiving Date: 05/28/04
Reporting Date: 06/02/04
Project Number: NOT GIVEN
Project Name: VACCUM F-35
Project Location: F-35 MW1

Sampling Date: 05/28/04
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: AH

LAB NUMBER	SAMPLE ID	Na (mg/L)	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Conductivity (μ S/cm)	T-Alkalinity (mgCaCO ₃ /L)
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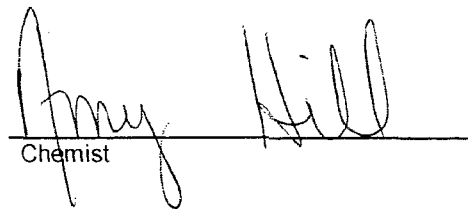
ANALYSIS DATE:	06/01/04	06/01/04	06/01/04	06/01/04	06/01/04	06/01/04
H8751-1 F-35 MW1	1266	81	24	3.49	7586	572
	0					
Quality Control	NR	50	55	4.58	1322	NR
True Value QC	NR	50	50	5.00	1413	NR
% Recovery	NR	100	110	91.6	93.6	NR
Relative Percent Difference	NR	0	0	7.2	0.7	NR

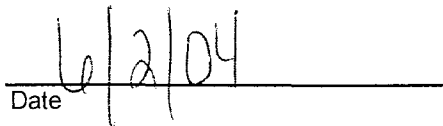
METHODS:	SM3500-Ca-D	3500-Mg E	8049	120.1	310.1
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	Cl ⁻ (mg/L)	SO ₄ (mg/L)	CO ₃ (mg/L)	HCO ₃ (mg/L)	pH (s.u.)	TDS (mg/L)
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ANALYSIS DATE:	06/01/04	06/01/04	06/01/04	06/01/04	06/01/04	06/02/04
H8751-1 F-35 MW1	1759	8.70	0	698	7.52	4008
Quality Control	950	48.21	NR	927	7.02	NR
True Value QC	1000	50.00	NR	1000	7.00	NR
% Recovery	95.0	96.4	NR	92.7	101	NR
Relative Percent Difference	6.0	6.2	NR	0	0.3	1.4

METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1	160.1
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Chemist


Date 6/2/04

PLEASE NOTE: **Liability and Damages.** Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

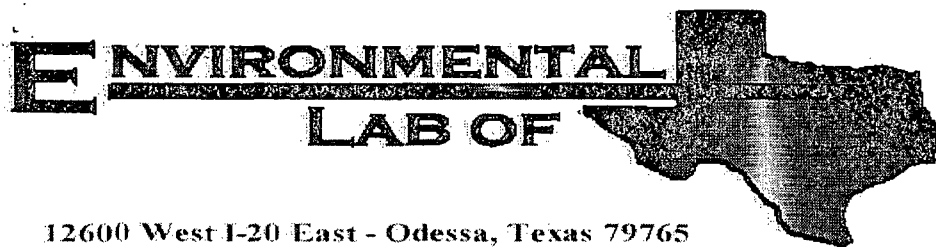
ARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Page 10 of 10

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:		RINE Operating	
Project Manager:		Kristin Farris	
Address:		188 W. Taylor	
City:		Hobbs	
State:		NM zip: 88400	
Phone #:		(505) 398-9174 Fax #: (505) 397-1471	
Project #:		Project Owner:	
Project Name:		Viccom E-35	
Project Location:		E-35 MW 2	
Sampler Name:		K. Farris	
FOR LAB USE ONLY			
Lab I.D.		Sample I.D.	
H87511	E-35 MW 2	(G)RAB OR (C)OMP.	# CONTAINERS
E-35 MW 2	L L X	GROUNDWATER	X
	L L X	WASTEWATER	
		SOIL	
		CRUDE OIL	
		SLUDGE	
		OTHER :	
		ACID/BASE:	X
		ICE / COOL	X
		OTHER :	
	DATE	SAMPLING	
	5/28	1030	
	5/28	1830	
			Cation
			Anion
			BTEX
			TDS
REMARKS: Phone Result: Yes No Add'l Phone #: Fax Result: Yes No Add'l Fax #: 30 days past date of test or 25% per maximum from original date of test. and all costs of collection, testing & delivery's fees.			



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

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

Project: F-35 SWD
Project Number: None Given
Location: Vacuum

Lab Order Number: 4I10009

Report Date: 09/17/04

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

Project: F-35 SWD
Project Number: None Given
Project Manager: Kristin Pope

Fax: (505) 397-1471

Reported:
09/17/04 10:53

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	4110009-01	Water	09/07/04 10:40	09/09/04 19:20

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

Project: F-35 SWD
Project Number: None Given
Project Manager: Kristin Pope

Fax: (505) 397-1471

Reported:
09/17/04 10:53

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (4I10009-01) Water									
Benzene	0.429	0.00100	mg/L	1	EI41604	09/14/04	09/16/04	EPA 8021B	
Toluene	0.221	0.00100	"	"	"	"	"	"	
Ethylbenzene	0.143	0.00100	"	"	"	"	"	"	
Xylene (p/m)	0.165	0.00100	"	"	"	"	"	"	
Xylene (o)	0.0597	0.00100	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		266 %	80-120		"	"	"	"	S-04
<i>Surrogate: 4-Bromofluorobenzene</i>		115 %	80-120		"	"	"	"	

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

Project: F-35 SWD
Project Number: None Given
Project Manager: Kristin Pope

Fax: (505) 397-1471

Reported:
09/17/04 10:53

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (4110009-01) Water									
Chloride	1480	5.00	mg/L	1	EI41612	09/12/04	09/12/04	EPA 325.3M	
Total Dissolved Solids	3000	5.00	"	"	EI41702	09/13/04	09/13/04	EPA 160.1	
Sulfate	19.9	0.500	"	"	EI41701	09/10/04	09/10/04	EPA 375.4	

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

Project: F-35 SWD
Project Number: None Given
Project Manager: Kristin Pope

Fax: (505) 397-1471

Reported:
09/17/04 10:53

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (4110009-01) Water									
Calcium	69.9	0.100	mg/L	10	EI41506	09/15/04	09/15/04	EPA 6010B	
Magnesium	27.9	0.0100	"	"	"	"	"	"	
Potassium	4.88	0.500	"	"	"	"	"	"	
Sodium	1020	1.00	"	100	"	"	"	"	

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

Project: F-35 SWD
Project Number: None Given
Project Manager: Kristin Pope

Fax: (505) 397-1471

Reported:
09/17/04 10:53

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
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Batch EI41604 - EPA 5030C (GC)

Blank (EI41604-BLK1)

Prepared & Analyzed: 09/14/04

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	20.0		ug/l	20.0		100	80-120			
Surrogate: 4-Bromofluorobenzene	17.4		"	20.0		87.0	80-120			

LCS (EI41604-BS1)

Prepared & Analyzed: 09/14/04

Benzene	95.7		ug/l	100		95.7	80-120			
Toluene	110		"	100		110	80-120			
Ethylbenzene	108		"	100		108	80-120			
Xylene (p/m)	228		"	200		114	80-120			
Xylene (o)	103		"	100		103	80-120			
Surrogate: a,a,a-Trifluorotoluene	21.5		"	20.0		108	80-120			
Surrogate: 4-Bromofluorobenzene	23.5		"	20.0		118	80-120			

LCS Dup (EI41604-BSD1)

Prepared & Analyzed: 09/14/04

Benzene	92.0		ug/l	100		92.0	80-120	3.94	20	
Toluene	104		"	100		104	80-120	5.61	20	
Ethylbenzene	103		"	100		103	80-120	4.74	20	
Xylene (p/m)	215		"	200		108	80-120	5.41	20	
Xylene (o)	99.5		"	100		99.5	80-120	3.46	20	
Surrogate: a,a,a-Trifluorotoluene	20.6		"	20.0		103	80-120			
Surrogate: 4-Bromofluorobenzene	21.2		"	20.0		106	80-120			

Calibration Check (EI41604-CCV1)

Prepared & Analyzed: 09/14/04

Benzene	82.8		ug/l	100		82.8	80-120			
Toluene	94.0		"	100		94.0	80-120			
Ethylbenzene	91.4		"	100		91.4	80-120			
Xylene (p/m)	196		"	200		98.0	80-120			
Xylene (o)	89.9		"	100		89.9	80-120			
Surrogate: a,a,a-Trifluorotoluene	18.1		"	20.0		90.5	80-120			
Surrogate: 4-Bromofluorobenzene	17.1		"	20.0		85.5	80-120			

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

Project: F-35 SWD
Project Number: None Given
Project Manager: Kristin Pope

Fax: (505) 397-1471

Reported:
09/17/04 10:53

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
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Batch EI41604 - EPA 5030C (GC)

Matrix Spike (EI41604-MS1) **Source: 4I10005-02** Prepared: 09/14/04 Analyzed: 09/16/04

Benzene	81.1		ug/l	100	ND	81.1	80-120			
Toluene	83.7		"	100	ND	83.7	80-120			
Ethylbenzene	81.6		"	100	ND	81.6	80-120			
Xylene (p/m)	174		"	200	ND	87.0	80-120			
Xylene (o)	80.6		"	100	ND	80.6	80-120			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	17.0		"	20.0		85.0	80-120			
Surrogate: 4-Bromofluorobenzene	16.5		"	20.0		82.5	80-120			

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

Project: F-35 SWD
Project Number: None Given
Project Manager: Kristin Pope

Fax: (505) 397-1471

Reported:
09/17/04 10:53

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
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Batch EI41612 - General Preparation (WetChem)

Blank (EI41612-BLK1)

Prepared & Analyzed: 09/12/04

Chloride ND 5.00 mg/L

Matrix Spike (EI41612-MS1)

Source: 4I09007-03

Prepared & Analyzed: 09/12/04

Chloride 1280 5.00 mg/L 500 780 100 90-110

Matrix Spike Dup (EI41612-MSD1)

Source: 4I09007-03

Prepared & Analyzed: 09/12/04

Chloride 1280 5.00 mg/L 500 780 100 90-110 0.00 20

Reference (EI41612-SRM1)

Prepared & Analyzed: 09/12/04

Chloride 4960 mg/L 5000 99.2 80-120

Batch EI41701 - General Preparation (WetChem)

Blank (EI41701-BLK1)

Prepared & Analyzed: 09/10/04

Sulfate ND 0.500 mg/L

Calibration Check (EI41701-CCV1)

Prepared & Analyzed: 09/10/04

Sulfate 48.6 mg/L 50.0 97.2 80-120

Duplicate (EI41701-DUP1)

Source: 4I10005-01

Prepared & Analyzed: 09/10/04

Sulfate 128 1.00 mg/L 129 0.778 20

Batch EI41702 - Filtration Preparation

Blank (EI41702-BLK1)

Prepared & Analyzed: 09/13/04

Total Dissolved Solids ND 5.00 mg/L

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

Project: F-35 SWD
Project Number: None Given
Project Manager: Kristin Pope

Fax: (505) 397-1471
Reported:
09/17/04 10:53

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
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Batch EI41702 - Filtration Preparation

Duplicate (EI41702-DUP1)

Source: 4I10005-02

Prepared & Analyzed: 09/13/04

Total Dissolved Solids	797	5.00	mg/L		937			16.1	20	
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Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: F-35 SWD
Project Number: None Given
Project Manager: Kristin Pope

Fax: (505) 397-1471

Reported:
09/17/04 10:53

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
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Batch EI41506 - General Preparation (Metals)

Blank (EI41506-BLK1)

Prepared & Analyzed: 09/15/04

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

Blank (EI41506-BLK2)

Prepared & Analyzed: 09/15/04

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

Calibration Check (EI41506-CCV1)

Prepared & Analyzed: 09/15/04

Calcium	2.03		mg/L	2.00		102	85-115
Magnesium	2.04		"	2.00		102	85-115
Potassium	1.75		"	2.00		87.5	85-115
Sodium	1.79		"	2.00		89.5	85-115

Calibration Check (EI41506-CCV2)

Prepared & Analyzed: 09/15/04

Calcium	1.93		mg/L	2.00		96.5	85-115
Magnesium	2.02		"	2.00		101	85-115
Potassium	1.76		"	2.00		88.0	85-115
Sodium	1.77		"	2.00		88.5	85-115

Duplicate (EI41506-DUP1)

Source: 4I03009-01

Prepared & Analyzed: 09/15/04

Calcium	281	1.00	mg/L	280		0.357	20
Magnesium	110	0.100	"	111		0.905	20
Potassium	8.18	0.500	"	8.31		1.58	20
Sodium	359	1.00	"	365		1.66	20

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

Project: F-35 SWD
Project Number: None Given
Project Manager: Kristin Pope

Fax: (505) 397-1471

Reported:
09/17/04 10:53

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
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Batch EI41506 - General Preparation (Metals)

Duplicate (EI41506-DUP2)

Source: 4I10015-01

Prepared & Analyzed: 09/15/04

Calcium	20.2	0.100	mg/L		20.2			0.00	20	
Magnesium	28.4	0.0100	"		28.6			0.702	20	
Potassium	16.4	0.500	"		16.6			1.21	20	
Sodium	103	0.100	"		103			0.00	20	

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

Project: F-35 SWD
Project Number: None Given
Project Manager: Kristin Pope

Fax: (505) 397-1471
Reported:
09/17/04 10:53

Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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:

9-18-04

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 Biezugbe, 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.

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

Project Name: F-35 SWD

Company Name RICE Operating

Project #:

Company Address: 122 W. Taylor St.

Project Loc: vacuum

City/State/zip: Hobbs NM 88240

PO #: 570

Telephone No: (505) 393-9174

Fax No: (505) 397-1471

Sampler Signature:

[illegible]

Jeanne McMurrey

From: "Kristin Farris" <enviro@leaco.net>
To: "Jeanne McMurrey" <jeanne@elabtexas.com>
Sent: Friday, September 10, 2004 9:33 AM
Subject: MW samples

Please do not analyze the water samples that were collected on 9/7/2004 for HCO₃ since the hold time of 48 hrs. has expired.

Also, for the COC for the site F-35 SWD, the corresponding samples were mistakenly labeled as H-35 SWD.

Thank you.
Kristin Farris Pope
RICE Operating Company
Hobbs, NM 88240
(505) 393-9174

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This message has been scanned for viruses and dangerous content by MailScanner at BasinBroadBand.com, and is believed to be clean.

9/10/04

Environmental Lab of Texas

Variance / Corrective Action Report – Sample Log-In

Client: Rice Operating Co.

Date/Time: 09-10-04 @ 0900

Order #: 4I10009

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	4.0 C
Shipping container/cooler in good condition?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Custody Seals intact on shipping container/cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not present
Custody Seals intact on sample bottles?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not present
Chain of custody present?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Sample Instructions complete on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Chain of Custody signed when relinquished and received?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Chain of custody agrees with sample label(s)	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	see attached e-mail
Container labels legible and intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Sample Matrix and properties same as on chain of custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Samples in proper container/bottle?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Samples properly preserved?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Sample bottles intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Preservations documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Containers documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Sufficient sample amount for indicated test?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
All samples received within sufficient hold time?	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	CO ₃ /HCO ₃ out of 48 hr. hold time
VOC samples have zero headspace?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not Applicable

Other observations:

Variance Documentation:

Contact Person: - Kristin Farris Date/Time: 09-10-04 @ 0930 Contacted by: Jeanne

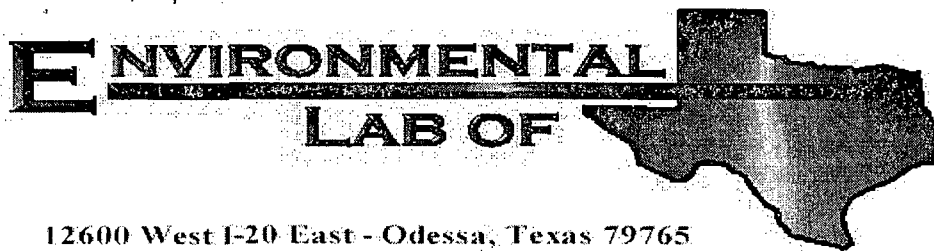
Regarding:

hold time - CO₃/HCO₃

mislabeled sample

Corrective Action Taken:

client doesn't want to run CO₃/HCO₃
on 9/7/4 samples. see attached e-mail



Analytical Report

Prepared for:

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

Project: F-35 SWD
Project Number: None Given
Location: Vacuum

Lab Order Number: 4K30006

Report Date: 12/08/04

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

Project: F-35 SWD
Project Number: None Given
Project Manager: Kristin Pope

Fax: (505) 397-1471

Reported:
12/08/04 17:21

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	4K30006-01	Water	11/24/04 12:30	11/30/04 10:35

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

Project: F-35 SWD
Project Number: None Given
Project Manager: Kristin Pope

Fax: (505) 397-1471

Reported:
12/08/04 17:21

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (4K30006-01) Water									
Benzene	0.489	0.0100	mg/L	10	EL40601	12/02/04	12/02/04	EPA 8021B	
Toluene	0.313	0.0100	"	"	"	"	"	"	
Ethylbenzene	0.209	0.0100	"	"	"	"	"	"	
Xylene (p/m)	0.172	0.0100	"	"	"	"	"	"	
Xylene (o)	0.0787	0.0100	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		128 %	80-120		"	"	"	"	S-04
<i>Surrogate: 4-Bromofluorobenzene</i>		116 %	80-120		"	"	"	"	

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

Project: F-35 SWD
Project Number: None Given
Project Manager: Kristin Pope

Fax: (505) 397-1471

Reported:
12/08/04 17:21

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (4K30006-01) Water									
Total Alkalinity	442	2.00	mg/L	1	EL40313	12/03/04	12/03/04	EPA 310.2M	
Total Dissolved Solids	2740	5.00	"	"	EL40105	11/30/04	12/01/04	EPA 160.1	

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

Project: F-35 SWD
Project Number: None Given
Project Manager: Kristin Pope

Fax: (505) 397-1471

Reported:
12/08/04 17:21

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (4K30006-01) Water									
Calcium	66.2	0.100	mg/L	10	EL40101	11/30/04	11/30/04	EPA 6010B	
Magnesium	24.7	0.0100	"	"	"	"	"	"	
Potassium	6.02	0.500	"	"	"	"	"	"	
Sodium	842	1.00	"	100	"	"	"	"	

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

Project: F-35 SWD
Project Number: None Given
Project Manager: Kristin Pope

Fax: (505) 397-1471

Reported:
12/08/04 17:21

Anions by EPA Method 300.0
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (4K30006-01) Water									
Chloride	1260	15.0	mg/L	30	EL40811	12/02/04	12/02/04	EPA 300.0	
Sulfate	51.0	15.0	"	"	EL40812	"	"	"	

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

Project: F-35 SWD
Project Number: None Given
Project Manager: Kristin Pope

Fax: (505) 397-1471

Reported:
12/08/04 17:21

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
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Batch EL40601 - EPA 5030C (GC)

Blank (EL40601-BLK1)

Prepared & Analyzed: 12/02/04

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	0.0223		"	0.0200		112	80-120			
Surrogate: 4-Bromofluorobenzene	0.0183		"	0.0200		91.5	80-120			

LCS (EL40601-BS1)

Prepared & Analyzed: 12/02/04

Benzene	99.2		ug/l	100		99.2	80-120			
Toluene	107		"	100		107	80-120			
Ethylbenzene	107		"	100		107	80-120			
Xylene (p/m)	219		"	200		110	80-120			
Xylene (o)	116		"	100		116	80-120			
Surrogate: a,a,a-Trifluorotoluene	0.0196		mg/L	0.0200		98.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.0199		"	0.0200		99.5	80-120			

LCS Dup (EL40601-BSD1)

Prepared & Analyzed: 12/02/04

Benzene	100		ug/l	100		100	80-120	0.803	20	
Toluene	110		"	100		110	80-120	2.76	20	
Ethylbenzene	111		"	100		111	80-120	3.67	20	
Xylene (p/m)	230		"	200		115	80-120	4.44	20	
Xylene (o)	119		"	100		119	80-120	2.55	20	
Surrogate: a,a,a-Trifluorotoluene	0.0199		mg/L	0.0200		99.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.0202		"	0.0200		101	80-120			

Calibration Check (EL40601-CCV1)

Prepared: 12/02/04 Analyzed: 12/03/04

Benzene	98.7		ug/l	100		98.7	80-120			
Toluene	105		"	100		105	80-120			
Ethylbenzene	109		"	100		109	80-120			
Xylene (p/m)	221		"	200		110	80-120			
Xylene (o)	111		"	100		111	80-120			
Surrogate: a,a,a-Trifluorotoluene	0.0218		mg/L	0.0200		109	80-120			
Surrogate: 4-Bromofluorobenzene	0.0227		"	0.0200		114	80-120			

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

Project: F-35 SWD
Project Number: None Given
Project Manager: Kristin Pope

Fax: (505) 397-1471

Reported:
12/08/04 17:21

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
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Batch EL40601 - EPA 5030C (GC)

Matrix Spike (EL40601-MS1)

Source: 4K30004-03

Prepared: 12/02/04 Analyzed: 12/03/04

Benzene	107		ug/l	100	ND	107	80-120			
Toluene	108		"	100	ND	108	80-120			
Ethylbenzene	114		"	100	ND	114	80-120			
Xylene (p/m)	229		"	200	ND	114	80-120			
Xylene (o)	111		"	100	ND	111	80-120			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	0.0206		mg/L	0.0200		103	80-120			
Surrogate: 4-Bromofluorobenzene	0.0201		"	0.0200		100	80-120			

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

Project: F-35 SWD
Project Number: None Given
Project Manager: Kristin Pope

Fax: (505) 397-1471

Reported:
12/08/04 17:21

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
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Batch EL40105 - General Preparation (WetChem)

Blank (EL40105-BLK1)

Prepared: 11/30/04 Analyzed: 12/01/04

Total Dissolved Solids ND 5.00 mg/L

Duplicate (EL40105-DUP1)

Source: 4K24009-01

Prepared: 11/30/04 Analyzed: 12/01/04

Total Dissolved Solids 1480 5.00 mg/L 1480 0.00 20

Batch EL40313 - General Preparation (WetChem)

Blank (EL40313-BLK1)

Prepared & Analyzed: 12/03/04

Total Alkalinity ND 2.00 mg/L

Duplicate (EL40313-DUP1)

Source: 4K30004-01

Prepared & Analyzed: 12/03/04

Total Alkalinity 207 2.00 mg/L 208 0.482 20

Reference (EL40313-SRM1)

Prepared & Analyzed: 12/03/04

Carbonate Alkalinity 0.0501 mg/L 0.0500 100 80-120

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

Project: F-35 SWD
Project Number: None Given
Project Manager: Kristin Pope

Fax: (505) 397-1471

Reported:
12/08/04 17:21

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
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Batch EL40101 - 6010B/No Digestion

Blank (EL40101-BLK1)

Prepared & Analyzed: 11/30/04

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

Calibration Check (EL40101-CCV1)

Prepared & Analyzed: 11/30/04

Calcium	1.87		mg/L	2.00	93.5	85-115
Magnesium	2.08		"	2.00	104	85-115
Potassium	1.83		"	2.00	91.5	85-115
Sodium	1.78		"	2.00	89.0	85-115

Duplicate (EL40101-DUP1)

Source: 4K24009-01

Prepared & Analyzed: 11/30/04

Calcium	108	1.00	mg/L	122	12.2	20
Magnesium	46.0	0.0100	"	51.6	11.5	20
Potassium	11.1	0.500	"	13.2	17.3	20
Sodium	222	1.00	"	235	5.69	20

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

Project: F-35 SWD
Project Number: None Given
Project Manager: Kristin Pope

Fax: (505) 397-1471

Reported:
12/08/04 17:21

Anions by EPA Method 300.0 - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EL40811 - General Preparation (WetChem)										
Blank (EL40811-BLK1)				Prepared & Analyzed: 12/02/04						
Chloride	0.00	0.500	mg/L							
Blank (EL40811-BLK2)				Prepared & Analyzed: 12/02/04						
Chloride	0.00	0.500	mg/L							
LCS (EL40811-BS1)				Prepared & Analyzed: 12/02/04						
Chloride	5.73	0.500	mg/L	5.00		115	80-120			
LCS (EL40811-BS2)				Prepared & Analyzed: 12/02/04						
Chloride	5.81	0.500	mg/L	5.00		116	80-120			
LCS Dup (EL40811-BSD1)				Prepared & Analyzed: 12/02/04						
Chloride	5.42	0.500	mg/L	5.00		108	80-120	5.56	20	
LCS Dup (EL40811-BSD2)				Prepared & Analyzed: 12/02/04						
Chloride	5.51	0.500	mg/L	5.00		110	80-120	5.30	20	
Calibration Check (EL40811-CCV1)				Prepared & Analyzed: 12/02/04						
Chloride	25.8		mg/L	25.0		103	80-120			
Calibration Check (EL40811-CCV2)				Prepared & Analyzed: 12/02/04						
Chloride	26.1		mg/L	25.0		104	80-120			
Duplicate (EL40811-DUP1)		Source: 4K30004-03		Prepared & Analyzed: 12/02/04						
Chloride	55.7	10.0	mg/L		55.2			0.902	20	
Duplicate (EL40811-DUP2)		Source: 4K30006-01RE1		Prepared & Analyzed: 12/02/04						
Chloride	446	10.0	mg/L		445			0.224	20	

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

Project: F-35 SWD
Project Number: None Given
Project Manager: Kristin Pope

Fax: (505) 397-1471

Reported:
12/08/04 17:21

Anions by EPA Method 300.0 - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EL40812 - General Preparation (WetChem)										
Blank (EL40812-BLK1)				Prepared & Analyzed: 12/02/04						
Sulfate	0.00	0.500	mg/L							
Blank (EL40812-BLK2)				Prepared & Analyzed: 12/02/04						
Sulfate	0.00	0.500	mg/L							
LCS (EL40812-BS1)				Prepared & Analyzed: 12/02/04						
Sulfate	5.28	0.500	mg/L	5.00		106	80-120			
LCS (EL40812-BS2)				Prepared & Analyzed: 12/02/04						
Sulfate	5.53	0.500	mg/L	5.00		111	80-120			
LCS Dup (EL40812-BSD1)				Prepared & Analyzed: 12/02/04						
Sulfate	5.22	0.500	mg/L	5.00		104	80-120	1.14	20	
LCS Dup (EL40812-BSD2)				Prepared & Analyzed: 12/02/04						
Sulfate	5.34	0.500	mg/L	5.00		107	80-120	3.50	20	
Calibration Check (EL40812-CCV1)				Prepared & Analyzed: 12/02/04						
Sulfate	10.1		mg/L	10.0		101	80-120			
Calibration Check (EL40812-CCV2)				Prepared & Analyzed: 12/02/04						
Sulfate	10.3		mg/L	10.0		103	80-120			
Duplicate (EL40812-DUP1)		Source: 4K30004-03		Prepared & Analyzed: 12/02/04						
Sulfate	101	10.0	mg/L		99.2			1.80	20	
Duplicate (EL40812-DUP2)		Source: 4K30006-01RE1		Prepared & Analyzed: 12/02/04						
Sulfate	123	10.0	mg/L		123			0.00	20	

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

Project: F-35 SWD
Project Number: None Given
Project Manager: Kristin Pope

Fax: (505) 397-1471

Reported:
12/08/04 17:21

Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By: Raland K Tuttle Date: 12-09-04

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.

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.

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

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:

[illegible]

Environmental Lab of Texas

Variance / Corrective Action Report – Sample Log-In

Client: Rice Operating Co.

Date/Time: 11-30-04 @ 1200

Order #: 4K 30006

Initials: JMM

Sample Receipt Checklist

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

Other observations:

Variance Documentation:

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

Corrective Action Taken:
