

AP - 59

G-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-39
G-35 Annual GW Mon
Report

2004

CERTIFIED MAIL

RETURN RECEIPT NO. 7002 2410 0000 4940 1701

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
G-35 SWD, VACUUM SWD SYSTEM
UNIT 'G', SEC. 35, T17S, R35E
NMOCD CASE #1R0332**

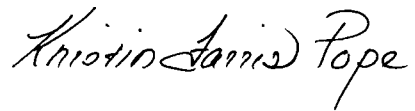
Mr. Price:

Rice Operating Company (ROC) takes this opportunity to submit the 2004 Monitor Well Report for the Vacuum G-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 is retained by ROC to address groundwater concerns at this and develop a Corrective Action Plan (CAP).

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

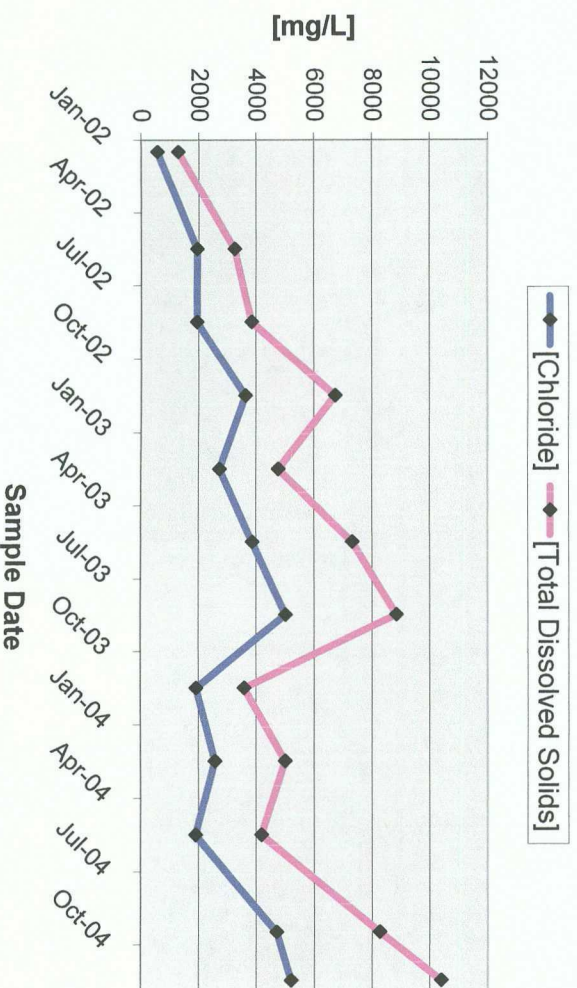
enclosures: Summary table & graph
 Analytical results
 Survey map

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

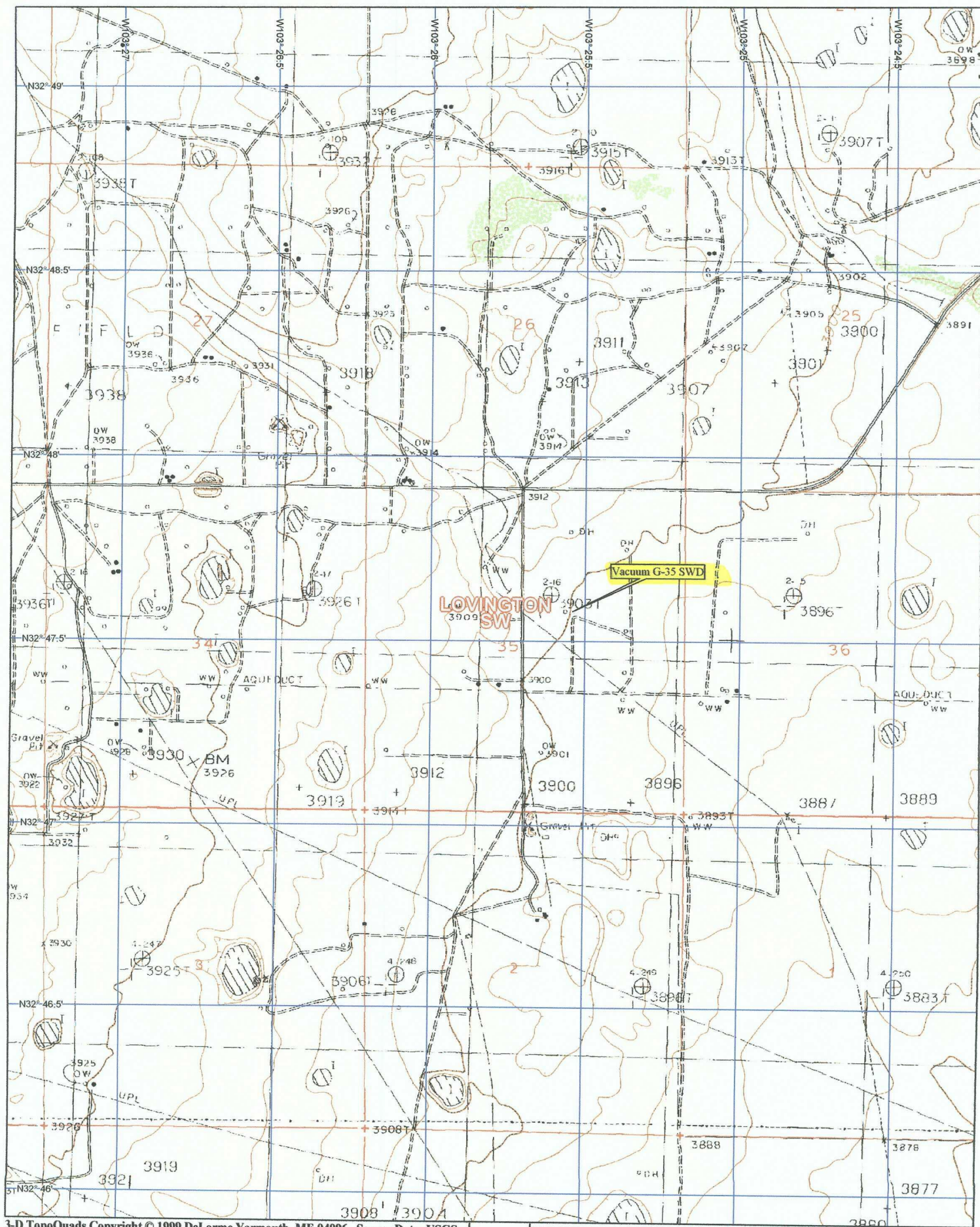
Chris Williams
NMOCD, District I Office
1625 N. French Drive
Hobbs, NM 88240

MW #	DEPTH TO WATER *	(ft)		(gal)		All concentrations are in mg/L						
		TOTAL DEPTH	WELL VOLUME	VOLUME PURGED	SAMPLE DATE	CI*	TDS	BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLENES	COMMENTS
1	53.60	64.30	1.800	5.30	01/10/02	568	1284	0.011	0.0220	0.034	0.0550	
1	52.89	65.03	1.940	6.00	05/15/02	1950	3260	0.414	0.0570	0.131	0.0650	oil skim
1	53.02	64.75	1.877	5.75	08/19/02	1950	3850	0.705	0.5980	0.209	0.2530	
1	53.08	64.70	1.859	5.60	11/11/02	3630	6740	0.921	0.0780	0.154	0.1310	oil skim; yellow
1	53.06	64.19	1.780	5.30	02/28/03	2730	4770	0.713	0.0100	0.018	0.0270	
1	53.20	64.20	1.750	5.28	05/22/03	3860	7320	0.583	0.0020	0.120	0.0270	
1	53.21	64.10	1.740	5.20	08/21/03	5010	8850	0.689	0.0040	0.307	0.0320	
1	53.29	64.20	1.746	5.20	11/19/03	1930	3590	0.012	0.0020	0.090	0.0030	
1	53.30	64.15	1.730	5.20	02/18/04	2579	5000	0.059	<0.002	0.350	0.0070	
1	52.90	64.15	1.800	5.00	05/27/04	1899	4188	1.170	0.3080	0.357	0.3190	
1	52.60	64.40	1.890	5.66	09/07/04	4700	8270	1.110	0.0525	0.346	0.1382	mod. odor; gray
1	52.91	64.40	1.800	5.50	11/24/04	5200	10400	0.881	0.0226	0.133	0.0717	

Vacuum G-35 SWD facility Monitor Well



* Depth to water measured from top of casing
Casing is 2.458 ft





CARDINAL LABORATORIES

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 G-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)
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ANALYSIS DATE:	02/19/04	02/19/04	02/19/04	02/19/04	02/19/04	02/19/04
H8470-1 VACUUM G-35 MW 1	1621	146	51	11.3	8834	480
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)
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ANALYSIS DATE:	02/19/04	02/19/04	02/19/04	02/19/04	02/19/04	02/20/04
H8470-1 VACUUM G-35 MW 1	2579	1.49	0	585	7.59	5000
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. No payment 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.



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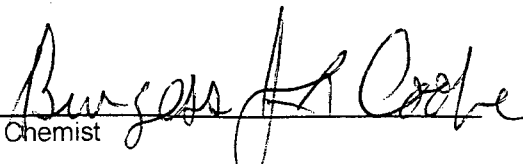
ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: KRISTIN FARRIS
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471

Receiving Date: 02/18/04
Reporting Date: 02/20/04
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: VACUUM G-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
H8470-1	VACUUM G-35 MW 1	0.059	<0.002	0.350	0.007
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

2/20/04
Date

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ARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603, 101 East Marland Hobbs NW 99240

(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Page of

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: RICE Operating		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Kristin Farris		Company:					
Address: 182 W. Taylor		Attn:					
City: Hobbs		Address:					
Phone #: (505) 393-9174		City:					
Fax #: (505) 397-1471		State:					
Project #:		Zip:					
Project Name:		Phone #:					
Project Location: LA CCEUM L-35		Fax #:					
Sampler Name: K. Farris							

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV	SAMPLE BIG	DATE	TIME	Anions	Cations	TDS	BTEX	
				GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:									
				ACID/BASE:	ICE / COOL	OTHER:												

Relinquished By: [Signature]	Date: 9/18/04	Time: 10:30	Received By: [Signature]	Date: 9/18/04	Time: 10:30	Sample Condition: <input type="checkbox"/> Cool <input checked="" type="checkbox"/> Hot	Checked By: [Signature]
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REMARKS: Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #: Terms and Conditions: <small>Not to be changed on all future invoices. 30 day payment due at the rate of 2% per month from the original date of invoice, and all costs of collection, including attorney's fees.</small>	
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PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

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

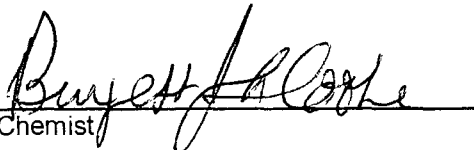
ANALYTICAL RESULTS FOR
RICE OPERATING
ATTN: KRISTIN FARRIS
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471

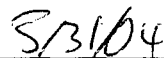
Receiving Date: 05/28/04
Reporting Date: 05/31/04
Project Number: NOT GIVEN
Project Name: VACUUM G-35
Project Location: G-35 MW 1

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
H8755-1	G-35 MW 1	1.17	0.308	0.357	0.319
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


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: VACUUM G-35
Project Location: G-35 MW1

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

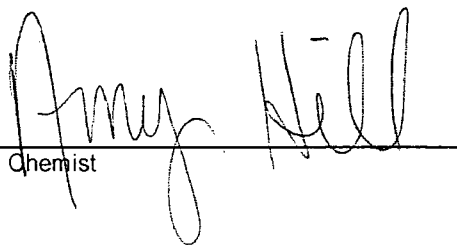
LAB NUMBER	SAMPLE ID	Na (mg/L)	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Conductivity (u S/cm)	T-Alkalinity (mgCaCO ₃ /L)
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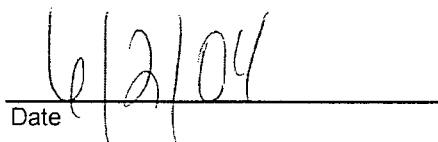
ANALYSIS DATE:	06/01/04	06/01/04	06/01/04	06/01/04	06/01/04	06/01/04	06/01/04
H8755-1 G-35 MW1	1404	70	22	3.49	7398	644	
Quality Control	NR	50	55	4.58	1322	NR	
True Value QC	NR	50	50	5.00	1413	NR	
% Recovery	NR	100	110	91.6	93.6	NR	
Relative Percent Difference	NR	0	0	7.2	0.7	NR	

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)
ANALYSIS DATE:	06/01/04	06/01/04	06/01/04	06/01/04	06/01/04	06/02/04
H8755-1 G-35 MW1	1899	2.15	0	786	7.53	4188
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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

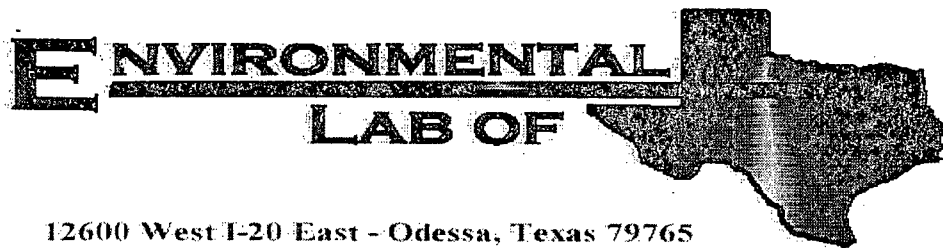
Page of

Company Name: RIE Operating		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Kristin Farris		Company:					
Address: 122 W. Taylor		City:		State:		Zip:	
City: Hobbs		State: NM		Zip: 88240			
Phone #: (505) 393-9174		Fax #: (505) 397-1471		Address:			
Project #:		Project Owner:		City:			
Project Name: WACCION 1-33		State:		Zip:			
Project Location: WACCION 1-33 MW2		Phone #:		Fax #:			
Sampler Name: K. Farris		FOR LAB USE ONLY					

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV	SAMPLING	DATE	TIME	ANALYSIS		
				GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER :					ACID/BASE:	ICE / COOL	OTHER :
H87551	1-33 MW2	1	2	X								5/28	11:45	X	CATIONS	
	1-33 MW2	1	2	X								5/28	11:45	X	ANIONS	
	1-33 MW2	1	2	X								5/28	11:45	X	TDS	
	1-33 MW2	1	2	X								5/28	11:45	X	BTEX	

RECEIVED BY: [Signature] DATE: 5/28/04 TIME: 11:45		RECEIVED BY: [Signature] DATE: 5/28/04 TIME: 11:45	
DELIVERED BY: (Circle One) Sampler - UPS - Bus - Other:		CHECKED BY: [Signature] (Initials)	

REMARKS: Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Add'l Fax #:	1. Name and Contact: If not changed on all records, note that 30 days past due of the fee of \$15 per month from the original date of invoice, and all costs of collection, including attorney'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: G-35 SWD
Project Number: None Given
Location: Vacuum

Lab Order Number: 4110003

Report Date: 09/17/04

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

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

Fax: (505) 397-1471

Reported:
09/17/04 10:52

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	4I10003-01	Water	09/07/04 09:20	09/09/04 19:20

Rice Operating Co.	Project: G-35 SWD	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	Reported:
Hobbs NM, 88240	Project Manager: Kristin Pope	09/17/04 10:52

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (4110003-01) Water									
Benzene	1.11	0.00500	mg/L	5	E141604	09/14/04	09/15/04	EPA 8021B	
Toluene	0.0525	0.00500	"	"	"	"	"	"	
Ethylbenzene	0.346	0.00500	"	"	"	"	"	"	
Xylene (p/m)	0.0911	0.00500	"	"	"	"	"	"	
Xylene (o)	0.0405	0.00500	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		214 %	80-120		"	"	"	"	S-04
<i>Surrogate: 4-Bromofluorobenzene</i>		106 %	80-120		"	"	"	"	

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

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

Fax: (505) 397-1471

Reported:
09/17/04 10:52

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (4110003-01) Water									
Chloride	4700	5.00	mg/L	1	EI41612	09/12/04	09/12/04	EPA 325.3M	
Total Dissolved Solids	8270	20.0	"	4	EI41702	09/13/04	09/13/04	EPA 160.1	
Sulfate	17.7	0.500	"	1	EI41312	09/10/04	09/10/04	EPA 375.4	

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

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

Fax: (505) 397-1471

Reported:
09/17/04 10:52

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (4I10003-01) Water									
Calcium	371	1.00	mg/L	100	E141506	09/15/04	09/15/04	EPA 6010B	
Magnesium	105	0.100	"	"	"	"	"	"	
Potassium	16.6	0.500	"	10	"	"	"	"	
Sodium	2530	10.0	"	1000	"	"	"	"	

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

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

Fax: (505) 397-1471

Reported:
09/17/04 10:52

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-BS1)

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

Fax: (505) 397-1471

Reported:
09/17/04 10:52

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: <i>4</i> -Bromofluorobenzene	16.5		"	20.0		82.5	80-120

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

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

Fax: (505) 397-1471

Reported:
09/17/04 10:52

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 EI41312 - General Preparation (WetChem)

Blank (EI41312-BLK1)

Prepared & Analyzed: 09/10/04

Sulfate	ND	0.500	mg/L
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Calibration Check (EI41312-CCV1)

Prepared & Analyzed: 09/10/04

Sulfate	48.9		mg/L	50.0		97.8	80-120
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Duplicate (EI41312-DUP1)

Source: 4I03010-01

Prepared & Analyzed: 09/10/04

Sulfate	76.4	0.500	mg/L		74.6			2.38	20
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Batch EI41612 - General Preparation (WetChem)

Blank (EI41612-BLK1)

Prepared & Analyzed: 09/12/04

Chloride	ND	5.00	mg/L
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Matrix Spike (EI41612-MS1)

Source: 4I09007-03

Prepared & Analyzed: 09/12/04

Chloride	1280	5.00	mg/L	500	780	100	90-110
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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
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Reference (EI41612-SRM1)

Prepared & Analyzed: 09/12/04

Chloride	4960		mg/L	5000		99.2	80-120
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Batch EI41702 - Filtration Preparation

Blank (EI41702-BLK1)

Prepared & Analyzed: 09/13/04

Total Dissolved Solids	ND	5.00	mg/L
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Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

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

Fax: (505) 397-1471
Reported:
09/17/04 10:52

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

Fax: (505) 397-1471

Reported:
09/17/04 10:52

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: G-35 SWD Project Number: None Given Project Manager: Kristin Pope	Fax: (505) 397-1471 Reported: 09/17/04 10:52
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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: G-35 SWD
Project Number: None Given
Project Manager: Kristin Pope

Fax: (505) 397-1471

Reported:
09/17/04 10:52

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.

Jeanne McMurrey

From: "Kristin Farris" <enviro@leaco.net>
To: "Jeanne McMurrey" <jeanne@elabtxas.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

--
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 #: 4I10003

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 type="checkbox"/> Yes	<input type="checkbox"/> No	Not present
Custody Seals intact on sample bottles?	<input 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 type="checkbox"/> No	
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 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:

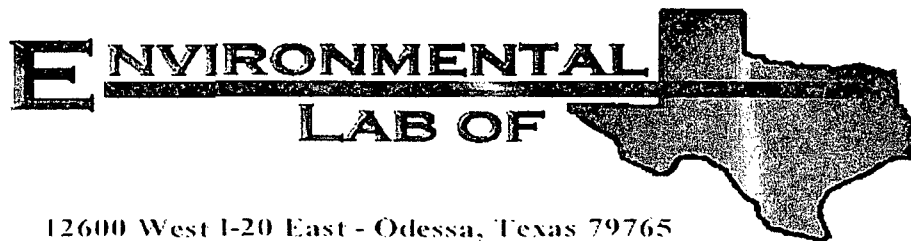
Contact Person: - Kristin Farris Date/Time: 09-10-04 @ 0930 Contacted by: Jeanne

Regarding:

hold time - CO₃/HCO₃

Corrective Action Taken:

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



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Kristin Pope

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: G-35 SWD

Project Number: None Given

Location: Vacuum

Lab Order Number: 4K30007

Report Date: 12/10/04

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

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

Fax: (505) 397-1471

Reported:
12/10/04 13:01

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	4K30007-01	Water	11/24/04 13:05	11/30/04 10:35

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

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

Fax: (505) 397-1471

Reported:
12/10/04 13:01

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (4K30007-01) Water									
Benzene	0.881	0.0100	mg/L	10	EL40601	12/02/04	12/02/04	EPA 8021B	
Toluene	0.0226	0.0100	"	"	"	"	"	"	
Ethylbenzene	0.133	0.0100	"	"	"	"	"	"	
Xylene (p/m)	0.0464	0.0100	"	"	"	"	"	"	
Xylene (o)	0.0253	0.0100	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		147 %	80-120		"	"	"	"	S-04
<i>Surrogate: 4-Bromofluorobenzene</i>		104 %	80-120		"	"	"	"	

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

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

Fax: (505) 397-1471

Reported:
12/10/04 13:01

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (4K30007-01) Water									
Total Alkalinity	400	2.00	mg/L	1	EL40313	12/03/04	12/03/04	EPA 310.2M	
Total Dissolved Solids	10400	5.00	"	"	EL40105	11/30/04	12/01/04	EPA 160.1	

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

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

Fax: (505) 397-1471

Reported:
12/10/04 13:01

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (4K30007-01) Water									
Calcium	438	1.00	mg/L	100	EL40101	11/30/04	11/30/04	EPA 6010B	
Magnesium	125	0.100	"	"	"	"	"	"	
Potassium	22.1	0.500	"	10	"	"	"	"	
Sodium	3970	10.0	"	1000	"	"	"	"	

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

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

Fax: (505) 397-1471

Reported:
12/10/04 13:01

Anions by EPA Method 300.0
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (4K30007-01) Water									
Chloride	5200	50.0	mg/L	100	EL40916	12/08/04	12/08/04	EPA 300.0	
Sulfate	799	50.0	"	"	"	"	"	"	

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

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

Fax: (505) 397-1471

Reported:
12/10/04 13:01

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: <i>a,a,a</i> -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: <i>a,a,a</i> -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: <i>a,a,a</i> -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: <i>a,a,a</i> -Trifluorotoluene	0.0218		mg/L	0.0200		109	80-120			
Surrogate: 4-Bromofluorobenzene	0.0227		"	0.0200		114	80-120			

Environmental Lab of Texas

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.

Page 6 of 12

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

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

Fax: (505) 397-1471

Reported:
12/10/04 13:01

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: a,a,a-Trifluorotoluene	0.0206		mg/L	0.0200		103	80-120			
Surrogate: 4-Bromofluorobenzene	0.0201		"	0.0200		100	80-120			

Environmental Lab of Texas

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Page 7 of 12

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

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

Fax: (505) 397-1471

Reported:
12/10/04 13:01

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

Fax: (505) 397-1471

Reported:
12/10/04 13:01

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	

Environmental Lab of Texas

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Page 9 of 12

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

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

Fax: (505) 397-1471

Reported:
12/10/04 13:01

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 EL40916 - General Preparation (WetChem)										
Blank (EL40916-BLK1) Prepared & Analyzed: 12/08/04										
Sulfate	0.00	0.500	mg/L							
Chloride	0.00	0.500	"							
Blank (EL40916-BLK2) Prepared & Analyzed: 12/08/04										
Sulfate	0.00	0.500	mg/L							
Chloride	0.00	0.500	"							
LCS (EL40916-BS1) Prepared & Analyzed: 12/08/04										
Sulfate	11.7	0.500	mg/L	10.0		117	80-120			
Chloride	9.75	0.500	"	10.0		97.5	80-120			
LCS (EL40916-BS2) Prepared & Analyzed: 12/08/04										
Chloride	9.77	0.500	mg/L	10.0		97.7	80-120			
Sulfate	11.8	0.500	"	10.0		118	80-120			
LCS Dup (EL40916-BSD1) Prepared & Analyzed: 12/08/04										
Chloride	9.83	0.500	mg/L	10.0		98.3	80-120	0.817	20	
Sulfate	11.8	0.500	"	10.0		118	80-120	0.851	20	
LCS Dup (EL40916-BSD2) Prepared & Analyzed: 12/08/04										
Chloride	9.74	0.500	mg/L	10.0		97.4	80-120	0.308	20	
Sulfate	11.7	0.500	"	10.0		117	80-120	0.851	20	
Calibration Check (EL40916-CCV1) Prepared & Analyzed: 12/08/04										
Sulfate	11.7		mg/L	10.0		117	80-120			
Chloride	9.79		"	10.0		97.9	80-120			
Calibration Check (EL40916-CCV2) Prepared & Analyzed: 12/08/04										
Chloride	9.80		mg/L	10.0		98.0	80-120			
Sulfate	11.7		"	10.0		117	80-120			

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

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

Fax: (505) 397-1471

Reported:
12/10/04 13:01

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
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Batch EL40916 - General Preparation (WetChem)

Duplicate (EL40916-DUP1)		Source: 4L03001-01			Prepared & Analyzed: 12/08/04					
Chloride	1570	20.0	mg/L		1330			16.6	20	
Sulfate	809	20.0	"		682			17.0	20	
Duplicate (EL40916-DUP2)		Source: 4L06003-02			Prepared & Analyzed: 12/08/04					
Chloride	731	20.0	mg/L		725			0.824	20	
Sulfate	1210	20.0	"		1200			0.830	20	

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Reported:
12/10/04 13:01

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

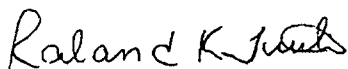
RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

12/10/2004

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: Kensel Rubin

Sampler Signature: James L. Rasmussen
 LAB # (lab use only): 4K80007
 FIELD CODE: -01 MW-1
 Date Sampled: 11-24-04 Time Sampled: 13:05
 No. of Containers: 3
 Matrix: Soil
 Preservative: HCl (2) 40mg/Less
 HNO₃
 NaOH
 H₂SO₄
 None & H₂O
 Other (Specify)
 Water
 Sludge
 Other (Specify)
 TPT: 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
 RCI
 N.O.R.M.
 Total Gamma
 Total Dissolved Solids
 RUSH TAT (Pre-Schedule)
 Standard TAT

Analyze For: Y
 Sample Containers Intact? Y
 Temperature Upon Receipt: 0.5°C
 Laboratory Comments:

Special Instructions: Please email analysis to Kristin enviro@leaco.net
 Relinquished by: James L. Rasmussen Date: 11/24/04 Time: 10:30
 Relinquished by: James L. Rasmussen Date: 11-30-04 Time: 10:35

Environmental Lab of Texas

Variance / Corrective Action Report – Sample Log-In

Client: Rice Operating Co.

Date/Time: 11-30-04 @ 1200

Order #: 4K 30007

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	O.S.	C
Shipping container/cooler in good condition?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Custody Seals intact on shipping container/cooler?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Not present	
Custody Seals intact on sample bottles?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> 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 type="checkbox"/> No		
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 type="checkbox"/> No		
VOC samples have zero headspace?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not Applicable	

Other observations:

Variance Documentation:

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

Regarding:

Corrective Action Taken:
