

ANNUAL MONITORING REPORT

YEAR(S): 2007



2008 MAR 28



CERTIFIED MAIL RETURN RECIEPT NO. 7099 3400 0017 1737 2534

March 18, 2008

Mr. Edward Hansen New Mexico Energy, Minerals, & Natural Resources Oil Conservation Division, Environmental Bureau 1220 S. St. Francis Drive Santa Fe, New Mexico 87504

RE: 2007 ANNUAL GROUNDWATER MONITORING REPORT BD JCT. J-26 SITE (AP-75) T21S, R37E, SECTION 26, UNIT LETTER J LEA COUNTY, NEW MEXICO

Mr. Hansen:

On behalf of Rice Operating Company (ROC), Trident Environmental takes this opportunity to submit the 2007 Annual Groundwater Monitoring Report for the BD Jct. J-26 Site located in the Blinebry-Drinkard (BD) Salt Water Disposal (SWD) System.

ROC is the service provider (agent) for the BD SWD System and has no ownership of any portion of pipeline, well, or facility. The BD SWD System is owned by a consortium of oil producers, System Partners, who provide all operating capital on a percentage ownership/usage basis.

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 (432) 638-8740 or Kristin Farris Pope at (505) 393-9174.

Sincerely,

Gilbert J. Van Deventer, REM, PG

cc: KFP, JSC



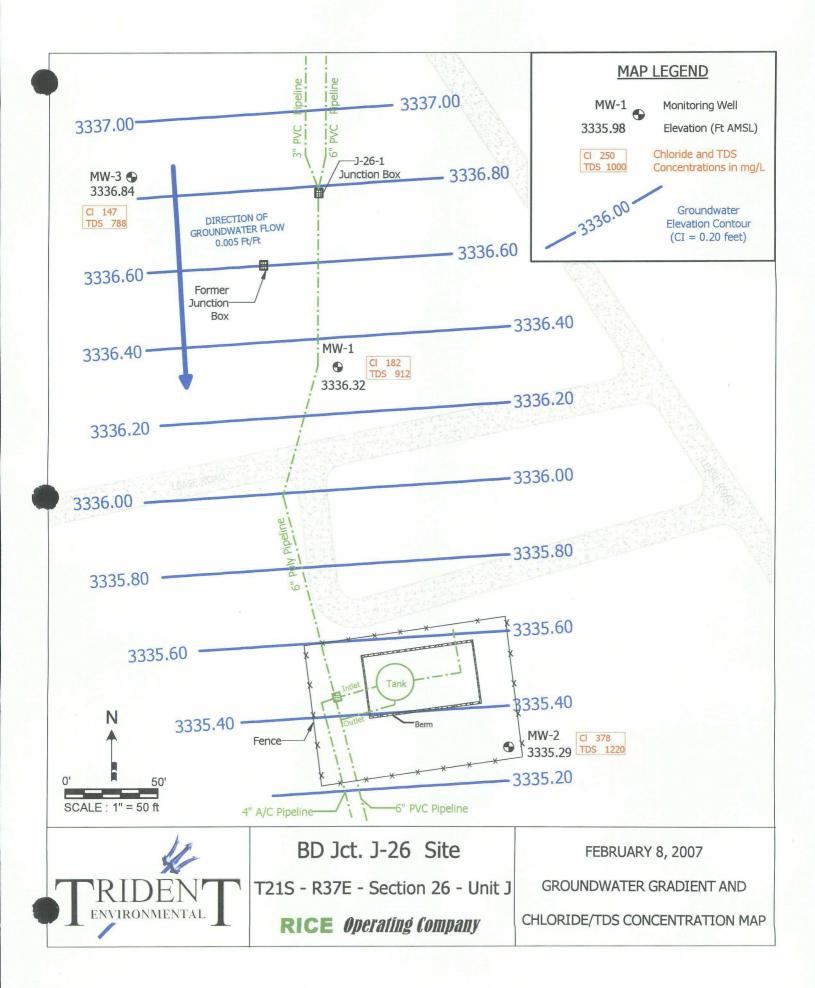
enclosures: maps, table, graphs, laboratory analytical reports, and well sampling data forms

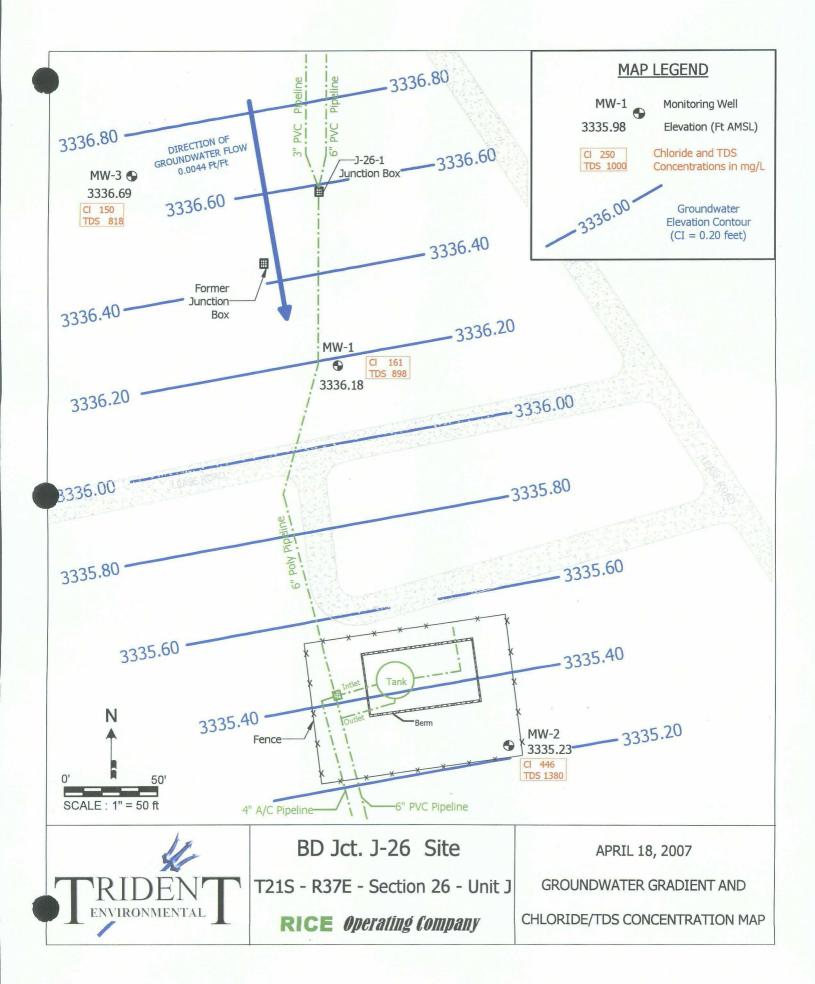
ATTACHMENT A

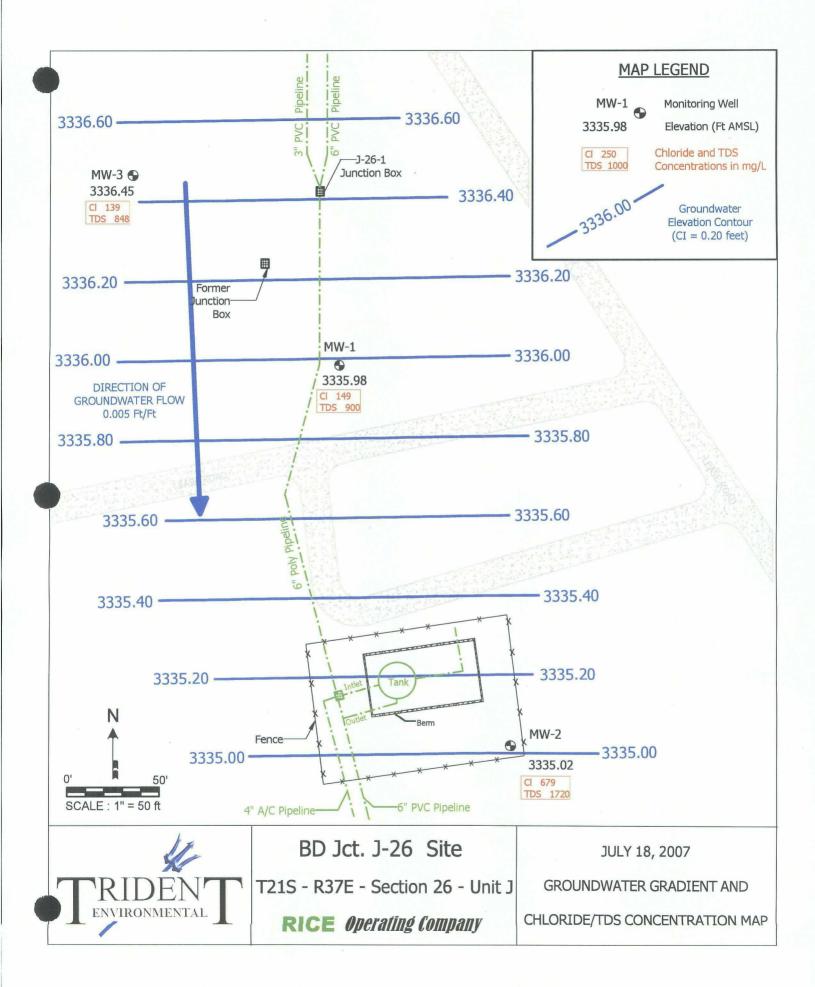
Site Maps

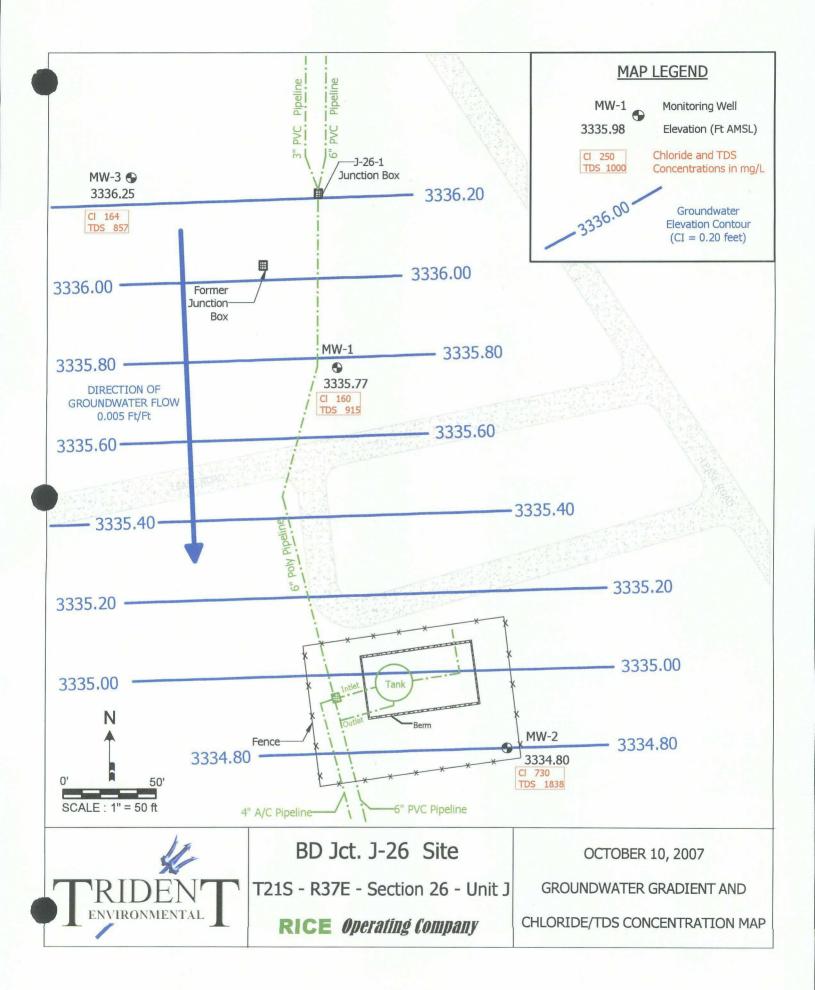
Table

Graphs





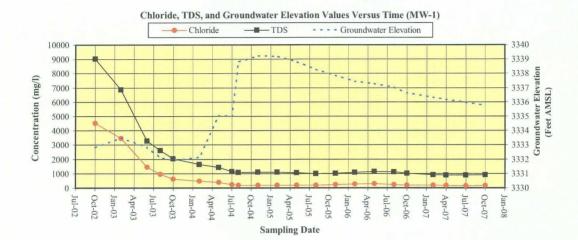


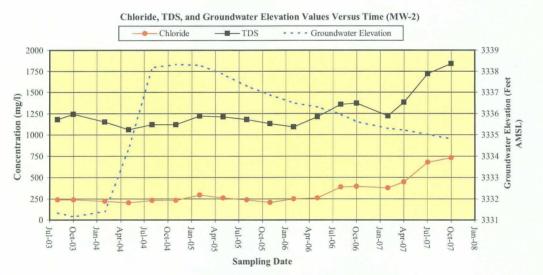


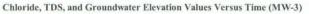
	Sample	Depth to	Groundwater	Chloride	TDS	Benzene	Toluene	Ethylbenzene	Xylene
Monitoring Well	Date	Groundwater	Elevation	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
	10/20/02	(feet BTOC)	(feet AMSL)						
	10/29/02	43.02	3332.82	4520	9020	< 0.001	< 0.001 < 0.001	< 0.001	< 0.00
	02/28/03 06/05/03	42.33 43.00	3333.51 3332.84	3470 1460	6870 3280	< 0.001 < 0.001	< 0.001	< 0.001 < 0.001	< 0.00 < 0.00
	08/22/03	43.00	3332.12	957	2620	< 0.001	< 0.001	< 0.001	< 0.00
	10/30/03	43.91	3331.93	620	2040	< 0.001	< 0.001	< 0.001	< 0.00
	02/18/04	43.70	3332.14	478	1630	< 0.001	< 0.001	< 0.001	< 0.00
	05/05/04	40.80	3335.04	390	1440	< 0.001	< 0.001	< 0.001	< 0.00
	07/08/04	40.80	3335.04	230	1140	< 0.001	< 0.001	< 0.001	< 0.00
	08/10/04	37.02	3338.82	195	1080	< 0.001	< 0.001	< 0.001	< 0.00
	11/09/04	36.61	3339.23	177	1100	< 0.001	< 0.001	< 0.001	< 0.00
MW-1	02/09/05	36.62	3339.22	179	1090	< 0.001	< 0.001	< 0.001	< 0.00
	05/05/05	37.00	3338.84	179	1060	< 0.001	< 0.001	< 0.001	< 0.00
	08/13/05	37.56	3338.28	193	1000	< 0.001	< 0.001	< 0.001	< 0.00
	11/07/05	37.98	3337.86	233	1020	< 0.001	< 0.001	< 0.001	< 0.00
	02/06/06 05/08/06	38.39 38.55	3337.45 3337.29	262 282	1080 1140	< 0.001 < 0.001	< 0.001 < 0.001	< 0.001 < 0.001	< 0.00 < 0.00
	03/08/06	38.80	3337.04	282	1140	< 0.001	< 0.001	< 0.001	< 0.00
	10/23/06	39.21	3336.63	193	1010				~ 0.00
	02/08/07	39.52	3336.32	182	912				
	04/18/07	39.66	3336.18	161	898			I	
	07/18/07	39.86	3335.98	149	900				
	10/10/07	40.07	3335.77	160	915				
	08/22/03	43.99	3331.33	239	1180	< 0.001	< 0.001	< 0.001	< 0.00
	10/30/03	44.17	3331.15	239	1240	< 0.001	< 0.001	< 0.001	< 0.00
	02/18/04	43.91	3331.41	221	1150	< 0.001	0.001	< 0.001	< 0.00
	05/05/04	40.98	3334.34	204	1060	< 0.001	0.001	< 0.001	< 0.00
	08/10/04	37.14	3338.18	230	1120	< 0.001	< 0.001	< 0.001	< 0.00
	11/09/04	36.99	3338.33	230	1120	< 0.001	< 0.001	< 0.001	< 0.00
	02/09/05	37.03	3338.29	294	1220	< 0.001	< 0.001	< 0.001	< 0.00
	05/06/05 08/13/05	37.46 38.02	3337.86 3337.30	257	1210	< 0.001 < 0.001	< 0.001 < 0.001	< 0.001 < 0.001	< 0.00 < 0.00
MW-2	11/07/05	38.02	3336.88	237 206	1180 1130	< 0.001	< 0.001	< 0.001	< 0.00
	02/06/06	38.83	3336.49	250	1090	< 0.001	< 0.001	< 0.001	< 0.00
	05/08/06	39.02	3336.30	257	1210	< 0.001	< 0.001	< 0.001	< 0.00
	08/01/06	39.35	3335.97	387	1358	< 0.001	< 0.001	< 0.001	< 0.00
	10/23/06	39.71	3335.61	395	1370				
	02/08/07	40.03	3335.29	378	1220				
	04/18/07	40.09	3335.23	446	1380				
	07/18/07	40.30	3335.02	679	1720				
	10/10/07	40.52	3334.80	730	1838				
	08/22/03	43.06	3332.79	160	904	< 0.001	< 0.001	< 0.001	< 0.00
	10/30/03	43.28	3332.57	168	1070	< 0.001	< 0.001	< 0.001	< 0.00
	02/18/04	43.03	3332.82	160	862	< 0.001	< 0.001	< 0.001	< 0.00
	05/05/04 08/10/04	40.04 36.55	3335.81 3339.30	160	891 941	< 0.001 < 0.001	< 0.001 < 0.001	< 0.001 < 0.001	< 0.00
	11/09/04	36.33	3339.50	164 142	1160	< 0.001	< 0.001	< 0.001	< 0.00 < 0.00
	02/09/05	36.17	3339.68	142	1010	< 0.001	< 0.001	< 0.001	< 0.00
	05/06/05	36.56	3339.29	141	870	< 0.001	< 0.001	< 0.001	< 0.00
	08/13/05	37.12	3338.73	125	842	< 0.001	< 0.001	< 0.001	< 0.00
MW-3	11/07/05	37.55	3338.30	125	826	< 0.001	< 0.001	< 0.001	< 0.00
	02/06/06	37.84	3338.01	119	748	< 0.001	< 0.001	< 0.001	< 0.00
	05/08/06	38.00	3337.85	142	806	< 0.001	< 0.001	< 0.001	< 0.00
	08/01/06	38.22	3337.63	141	876	< 0.001	< 0.001	< 0.001	< 0.00
	10/23/06	38.68	3337.17	147	834				
	02/08/07	39.01	3336.84	147	788				
	04/18/07	39.16	3336.69	150	818				
	07/18/07	39.40	3336.45	139	848				
	10/10/07	<u>39.60</u>	3336.25	164	857	0.01	0.75		
al Dissolved Solids of	WQCC S	Tandards BTEX concentrations	listed in milliorance	250	1000	0.01	0.75	0.75	0.62
alyses performed by Ca	urdinal Labs. Hobi	os, NM (1995-1998) ar	d Environmental Lab	of Texas, Odessa					
ues in politiace type in	dicate concentrati-	ons exceed New Mexic elow Top of Casing	to water Quality Co	mmission (WQCC)	standards.				

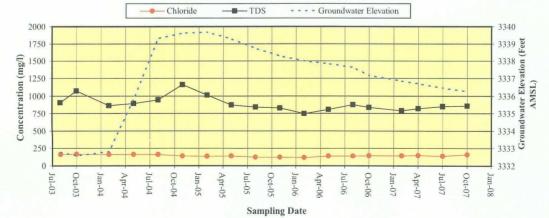
Table 1 nary of Gr indwater Sampling Results











APPENDIX B

Laboratory Analytical Reports

And

Chain of Custody Documentation

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Analytical Report

Prepared for: Kristin Farris-Pope Rice Operating Co. 122 W. Taylor Hobbs, NM 88240

Project: BD Jct. J-26 Project Number: None Given Location: T21S R37E Sec26 J ~ Lea County New Mexico

Lab Order Number: 7B09007

Report Date: 02/13/07

R L H

Rice Operating Co. 122 W. Taylor Hobbs NM, 88240 Project: BD Jct. J-26 Project Number: None Given Project Manager: Kristin Farris-Pope Fax: (505) 397-1471

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Monitor Well #1	7B09007-01	Water	02/08/07 13:15	02-08-2007 16:50
Monitor Well #2	7B09007-02	Water	02/08/07 14:10	02-08-2007 16:50
Monitor Well #3	7B09007-03	Water	02/08/07 12:35	02-08-2007 16:50



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

Project: BD Jct. J-26

Project Number: None Given Project Manager: Kristin Farris-Pope

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

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Analyte	Result	R e porting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (7B09007-01) Water									
Total Alkalinity	230	2.00	mg/L	1	EB71213	02/10/07	02/10/07	EPA 310.1M	
Chloride	182	5.00	n	10	EB71202	02/12/07	02/13/07	EPA 300.0	
Total Dissolved Solids	912	. 10.0	u	1	EB71003	02/09/07	02/10/07	EPA 160.1	
Sulfate	239	5.00	м	10	EB71202	02/12/07	02/13/07	EPA 300.0	
Monitor Well #2 (7B09007-02) Water									
Total Alkalinity	236	2.00	mg/L	1	EB71213	02/10/07	02/10/07	EPA 310.1M	
Chloride	378	10.0	п	20	EB71202	02/12/07	02/13/07	EPA 300.0	
Total Dissolved Solids	1220	10.0	"	1	EB71003	02/09/07	02/10/07	EPA 160.1	
Sulfate	246	10.0	"	20	EB71202	02/12/07	02/13/07	EPA 300.0	
Monitor Well #3 (7B09007-03) Water									
Total Alkalinity	230	2.00	mg/L	1	EB71213	02/10/07	02/10/07	EPA 310.1M	
Chloride	147	5.00	н	10	EB71202	02/12/07	02/13/07	EPA 300.0	
Total Dissolved Solids	788	10.0		1	EB71003	02/09/07	02/10/07	EPA 160.1	
lfate	183	5.00		10	EB71202	02/12/07	02/13/07	EPA 300.0	
F									

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

Project: BD Jct. J-26 Project Number: None Given Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Total Metals by EPA / Standard Methods

Environmental Lab of Texas

······································									
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
Monitor Well #1 (7B09007-01) Water									
Calcium	77.5	4.05	mg/L	50	EB70903	02/09/07	02/09/07	EPA 6010B	
Magnesium	22.1	0.360	н	10	н	n	п	n	
Potassium	29.2	0.600	W	"	15	"	"	19	
Sodium	176	2.15	н	50	"	н		19	
Monitor Well #2 (7B09007-02) Water									
Calcium	118	4.05	mg/L	50	EB70903	02/09/07	02/09/07	EPA 6010B	
Magnesium	38.3	0.360	19	10	"	"	"	н	
Potassium	13.4	0.600	н	"	n	n	M	10	
Sodium	222	2.15	и	50	н	"	71		
Monitor Well #3 (7B09007-03) Water									
Calcium	76.7	4.05	mg/L	50	EB70903	02/09/07	02/09/07	EPA 6010B	
Magnesium	31.2	0.360	н	10	"	11		"	
Potassium	7.35	0.600	18	"	и	н			
dium	129	2.15		50	"	"		17	
-									

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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

Page 3 of 7

Rice Operating Co.	Project:	BD Jct. J-26	Fax: (505) 397-1471
122 W. Taylor	Project Number:	None Given	
Hobbs NM, 88240	Project Manager:	Kristin Farris-Pope	

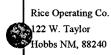
General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EB71003 - Filtration Preparation						-				
Blank (EB71003-BLK1)				Prepared: (02/09/07 A	nalyzed: 02	2/10/07			
Total Dissolved Solids	ND	10.0	mg/L							
Duplicate (EB71003-DUP1)	Sour	ce: 7B09002-	01	Prepared: (02/09/07 A	nalyzed: 02	2/10/07			
Fotal Dissolved Solids	852	10.0	mg/L		908			6.36	20	
Duplicate (EB71003-DUP2)	Sour	ce: 7B09006-	02	Prepared:	02/09/07 A	nalyzed: 02	2/10/07			
Total Dissolved Solids	1550	10.0	mg/L		1420		· · · · · · · · · · · · · · · · · · ·	8.75	20	
Batch EB71202 - General Preparation (V	WetChem)									
Blank (EB71202-BLK2)				Prepared:	02/12/07 A	nalyzed: 02	2/13/07			
Sulfate	ND	0.500	mg/L							
Chloride	ND	0.500	N							
LCS (EB71202-BS1)				Prepared:	02/12/07 A	nalyzed: 02	2/13/07			
Sulfate	11.1	0.500	mg/L	10.0		111	80-120			
Chloride	10.5	0.500	n	10.0		105	80-120			
Salibration Check (EB71202-CCV1)				Prepared:	02/12/07 A	nalyzed: 02	2/13/07			
lfate	10.1		mg/L	10.0		101	80-120			
Chloride	10.3		P	10.0		103	80-120			
Duplicate (EB71202-DUP1)	Sour	ce: 7B09002-	-01	Prepared:	02/12/07 A	nalyzed: 02	2/13/07			
Sulfate	20.3	10.0	mg/L		21.0			3.39	20	
Chloride	33.3	10.0	N		36.8			9.99	20	
Duplicate (EB71202-DUP2)	Sour	ce: 7B09006-	-02	Prepared:	02/12/07 A	nalyzed: 02	2/13/07			
Sulfate	265	12.5	mg/L		268			1.13	20	
Chloride	566	12.5	۳		576			1.75	20	

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Project: BD Jct. J-26 Project Number: None Given Project Manager: Kristin Farris-Pope

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EB71202 - General Preparation	(WetChem)									
Matrix Spike (EB71202-MS1)	Sour	ce: 7B09002-	01	Prepared: (02/12/07 A	nalyzed: 02	/13/07			
Sulfate	256	10.0	mg/L	200	21.0	118	80-120			·
Chloride	255	10.0		200	36.8	109	80-120			
Matrix Spike (EB71202-MS2)	Sou	rce: 7B09006-	02	Prepared: (02/12/07 A	nalyzed: 02	/13/07			
Sulfate	533	12.5	mg/L	250	268	106	80-120			
			-							
Chloride Batch EB71213 - General Preparation	845 (WetChem)	12.5	"	250	576	108	80-120			
Batch EB71213 - General Preparation		12.5					80-120			
		2.00	 mg/L		576 z Analyzed:		80-120			
Batch EB71213 - General Preparation Blank (EB71213-BLK1)	ı (WetChem)		" mg/L	Prepared &		02/10/07	80-120			<u></u>
Batch EB71213 - General Preparation Blank (EB71213-BLK1) Fotal Alkalinity LCS (EB71213-BS1)	ı (WetChem)		mg/L mg/L	Prepared &	z Analyzed:	02/10/07	80-120			
Batch EB71213 - General Preparation Blank (EB71213-BLK1) Total Alkalinity	n (WetChem) ND 194	2.00	mg/L	Prepared & Prepared & 200	z Analyzed:	02/10/07 02/10/07 97.0				
Batch EB71213 - General Preparation Blank (EB71213-BLK1) Fotal Alkalinity LCS (EB71213-BS1) Bicarbonate Alkalinity	n (WetChem) ND 194	2.00	mg/L	Prepared & Prepared & 200	: Analyzed: : Analyzed:	02/10/07 02/10/07 97.0		0.881	20	
Batch EB71213 - General Preparation Blank (EB71213-BLK1) Total Alkalinity LCS (EB71213-BS1) Bicarbonate Alkalinity Duplicate (EB71213-DUP1)	n (WetChem) ND 194 Sou	2.00 2.00 •ce: 7B09002-	mg/L 01	Prepared & Prepared & 200 Prepared &	Analyzed: Analyzed: Analyzed:	02/10/07 02/10/07 97.0 02/10/07		0.881	20	

Environmental Lab of Texas

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Potassium

Sodium

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

Project: BD Jct. J-26

Project Number: None Given Project Manager: Kristin Farris-Pope

Total Metals by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EB70903 - 6010B/No Digestion										
Blank (EB70903-BLK1)				Prepared &	k Analyzed:	02/09/07				
Calcium	ND	0.0810	mg/L							
Magnesium	ND	0.0360	"							
Potassium	ND	0.0600	n							
Sodium	ND	0.0430	n							
Calibration Check (EB70903-CCV1)				Prepared &	Analyzed:	02/09/07				
Calcium	2.10		mg/L	2.00		105	85-115			
Magnesium	2.17		"	2.00		108	85-115			
Potassium	1.73		n	2.00		86.5	85-115			
Sodium	1.78		п	2.00		89.0	85-115			
Duplicate (EB70903-DUP1)	Sou	irce: 7B09002-	01	Prepared &	k Analyzed:	02/09/07				
Calcium	139	4.05	mg/L		137			1.45	20	
Magnesium	25.4	0.360	н		26.3			3.48	20	

2.58

110

2.75

1.83

20

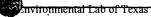
20

2.51

108

0.600

2.15



A Xenco Laboratories Company

Rice Opera 122 W. Ta Hobbs NM	ylor	Project Number:	BD Jct. J-26 None Given Kristin Farris-Pope	Fax: (505) 397
		Notes and De	finitions	
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:

1.45%

2/13/2007

Date:

Brent Barron, Laboratory Director/Corp. Technical Director Celey D. Keene, Org. Tech Director Raland K. Tuttle, Laboratory Consultant

James Mathis, QA/QC Officer Jeanne Mc Murrey, Inorg. Tech Director

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



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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.

Fax: (505) 397-1471

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Project Manager	Kristin Farris Pope	kpc	kpope@riceswd.com	com						Ĺ	Projec	Project Name: BD Junction J:26		Junc	-L noi	56				
Company Name	RICE Operating Company	mpany								1	D.	Project #:	;;	, i				ĺ		
Company Address:	122 W. Taylor Street	at,				-		-		Ì	Proj	Project Loc: 721S R37E Sec26 J ~ Lea County New Mexico	s: <u>12</u> 1	S R37	Sec2	6'] ~ [ea Co	unty Né	w Me	
City/State/Zip:	Hobbs, New Mexico 88240	08240		<u>()</u>						I		HO4	#							I
Telephone No.	(505) 393-9174			Fax No:	(50	5) 36	(505) 397-1471	7		М	Report Format:	rmat:	×	X Standard	g		TRRP			<u> </u>
Sampler Signature.	Rozanne Johnson (505)631-9310	-9310		e-mail:	LOZ	anne	<u>rozanne@valornet.com</u>	lorne	t con		Ļ			Ē		101				6
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		titga Depth	Dete Sampled	bəlqmə2 əniiT	ield Fillered old #. of Containers	H/O ²	H°2O° HCI	HOPN	None (1) 1 Liter HDRE. Na2S203	DTher (Specify) - Dinical Variation (Carlor) - Dinical Variation (Carlor) - Dinical	uP=Man-Potable (Specify Other	6001 XI 002 XI 1002	Cations (Ca. Mg. Va. K) Anions (Cl. SQ4, Alkalimity)	SAR / ESP / CEC Metals: As Ag Ba Cd Cr Pb Hg	Voisines (BTEX-N 8260)	BTEX 8021B/5030	N Q K W KC	zbiloč bevlozzi (istoT	and the second	H, HS (subserve and TAT HRUR
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-03 Monitor Well #3			2/8/2007	12:35	1.	×			F	GW	2		×	çi i î î			÷	×	·	in iin iin ii
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Special Instructions: Pibase emeil to	to kpope@riceswd.com	som,	mfranks@riceswd.com	eswid.com		anne@	rozanne@valornet.com	net.co				1.8	abora	Conta Conta	Laboratory Comments: Sample Containers Intact? VOCs Free of Heartsnace?	its: lact?				
Reingulated by Rosanna, Antalin	Date 2807	A DO	Received by:			·				Date	- <u>19</u>		aběls, ustod	on con / seals	Eabels on container(s). Custody seals on container(s) Custody seals on container(s)) tainen ler(s)	s)	ACC.		zzz
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Relinquished by.	Date	Time			X				7	Date	e V	0	empe	ature	Temperature Upon Receipt	eceipt	3	Q D	s.	្លំ

Environmental Lab of Texas

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Variance/ Corrective Action Report- Sample Log-In

Client:	Rive or
Date/ Time:	2/8/01 4:50
Lab ID # :	7367007
Initials:	

Sample Receipt Checklist

124	and the second		<u></u>	ر بيشر بر	lient Initial
#1	Temperature of container/ cooler?	Yes	No	2.5 °C	
#2	Shipping container in good condition?	Tes	No		
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present	
#4	Custody Seals Intact on sample bottles/ container?	Yes	No	Not Present	
#5	Chain of Custody present?	Yes	No		
#6	Sample instructions complete of Chain of Custody?	YES>	No		
#7	Chain of Custody signed when relinquished/ received?	Fes	No		
#8	Chain of Custody agrees with sample label(s)?	Yes	No	ID written on Cont./ Lid	
#9	Container label(s) legible and intact?	Yes	No	Not Applicable	
#10	Sample matrix/ properties agree with Chain of Custody?	Fes	No		
#11	Containers supplied by ELOT?	Yes	No		
12	Samples in proper container/ bottle?	(YES	No	See Below	
#13	Samples properly preserved?	Ves	No	See Below	
#14	Sample bottles intact?	Yes	No		
#15	Preservations documented on Chain of Custody?	Yes	No		
#16	Containers documented on Chain of Custody?	Yes	No		
#17	Sufficient sample amount for indicated test(s)?	Ves	No	See Below	
#18	All samples received within sufficient hold time?	YES	No	See Below	
#19		Yes	No	Not Applicable	199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199
#20	VOC samples have zero headspace?	Yes	No	Not Applicable	

Variance Documentation

Contact:		Contacted by:		Date	e/ Time:	· <u></u>
Regarding:				<u></u>		
Corrective Action Taken	:			<u></u>		
· · · · · · · · · · · · · · · · · · ·						7
Check all that Apply:		See attached e-mail/ fax Client understands and would Cooling process had begun sh				
		· .	ī			





A Xenco Laboratories Company

Analytical Report

Prepared for: Kristin Farris-Pope Rice Operating Co. 122 W. Taylor Hobbs, NM 88240

Project: BD Jct. J-26 Project Number: None Given Location: T21S R37E Sec26 J~Lea County New Mexico

Lab Order Number: 7D18019

Report Date: 04/30/07

F CON

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

,

Project: BD Jct. J-26 Project Number: None Given Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Monitor Well # 1	7D18019-01	Water	04/18/07 10:55	04-18-2007 14:55
Monitor Well # 2	7D18019-02	Water	04/18/07 11:50	04-18-2007 14:55
Monitor Well # 3	7D18019-03	Water	04/18/07 10:05	04-18-2007 14:55



Project: BD Jct. J-26 Project Number: None Given Project Manager: Kristin Farris-Pope

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
Monitor Well # 1 (7D18019-01) Water									
Total Alkalinity	224	2.00	mg/L	1	ED71913	04/19/07	04/19/07	EPA 310.1M	
Chloride	161	5.00	•	10	ED72411	04/24/07	04/27/07	EPA 300.0	
Total Dissolved Solids	898	10.0	•	1	ED72104	04/21/07	04/23/07	EPA 160.1	
Sulfate	227	5.00	•	10	ED72411	04/24/07	04/27/07	EPA 300.0	
Monitor Well # 2 (7D18019-02) Water									
Total Alkalinity	176	2.00	mg/L	1	ED71913	04/19/07	04/19/07	EPA 310.1M	
Chloride	446	10.0		20	ED72411	04/24/07	04/27/07	EPA 300.0	
Total Dissolved Solids	1380	10.0		1	ED72104	04/21/07	04/23/07	EPA 160.1	
Sulfate	174	10.0		20	ED72411	04/24/07	04/27/07	EPA 300.0	
Monitor Well # 3 (7D18019-03) Water									
Total Alkalinity	272	2.00	mg/L	1	ED71913	04/19/07	04/19/07	EPA 310.1M	
Chloride	150	5.00	•	10	ED72411	04/24/07	04/27/07	EPA 300.0	
Total Dissolved Solids	818	10.0	"	1	ED72104	04/21/07	04/23/07	EPA 160.1	
hlfate	180	5.00	н	10	ED72411	04/24/07	04/27/07	EPA 300.0	
T									

Environmental Lab of Texas

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

Project: BD Jct. J-26 Project Number: None Given Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Total Metals by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well # 1 (7D18019-01) Water	<u>.</u>								
Calcium	56.2	0.810	mg/L	10	ED72703	04/27/07	04/27/07	EPA 6010B	
Magnesium	30.0	0.360	*	n		н	*	IF.	
Potassium	37.2	0.600		*	"	29		н	
Sodium	220	2.15	"	50	n	11	n	и	
Monitor Well # 2 (7D18019-02) Water									
Calcium	137	4.05	mg/L	50	ED72703	04/27/07	04/27/07	EPA 6010B	
Magnesium	61.6	1.80		n		н	и	в	
Potassium	16.1	0.600	•	10	n	»	*	19	
Sodium	281	4.30	•	100		n	te	"	
Monitor Well # 3 (7D18019-03) Water									
Calcium	57.8	0.810	mg/L	10	ED72703	04/27/07	04/27/07	EPA 6010B	
Magnesium	35.9	0.360	"	и	"	*	N	u	
Potassium	10.2	0.600	"			n	м	"	
dium	196	0.430		n		n		n	

Environmental Lab of Texas

A Xenco Laboratories Company

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 entirely, 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. 122 W. Taylor Hobbs NM, 88240 Project: BD Jct. J-26

Project Number: None Given Project Manager: Kristin Farris-Pope Fax: (505) 397-1471

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

		Reporting		Spike	Source		%REC	_	RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch ED71913 - General Preparatio	on (WetChem)									
Blank (ED71913-BLK1)				Prepared &	Analyzed:	04/19/07	_			
Total Alkalinity	ND	2.00	mg/L							
LCS (ED71913-BS1)				Prepared &	Analyzed:	04/19/07				
Bicarbonate Alkalinity	176	2.00	mg/L	200		88.0	85-115			
Duplicate (ED71913-DUP1)	Sour	ce: 7D18017-	01	Prepared &	: Analyzed:	04/19/07				
Total Alkalinity	226	2.00	mg/L		232			2.62	20	
Reference (ED71913-SRM1)				Prepared &	: Analyzed:	04/19/07				
Total Alkalinity	246	_	mg/L	250		98.4	90-110			
Batch ED72104 - Filtration Preparat	tion							-		
Blank (ED72104-BLK1)				Prepared: (04/21/07 A	nalyzed: 04	/23/07			
Total Dissolved Solids	ND	10.0	mg/L							
Duplicate (ED72104-DUP1)	Sour	ce: 7D18020-	03	Prepared: (04/21/07 A	nalyzed: 04	/23/07			
Total Dissolved Solids	2450	10.0	mg/L		2950			18.5	20	
atch ED72411 - General Preparatio	on (WetChem)									
Blank (ED72411-BLK1)				Prepared: (04/24/07 A	nalyzed: 04	/27/07			
Sulfate	ND	0.500	mg/L							
Chloride	ND	0.500								
Blank (ED72411-BLK2)				Prepared: ()4/24/07 A	nalyzed: 04	/27/07			
Chloride	ND	0.500	mg/L							



A Xenco Laboratories Company



Project: BD Jct. J-26 Project Number: None Given Project Manager: Kristin Farris-Pope

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch ED72411 - General Preparation (WetChem)									
LCS (ED72411-BS1)				Prepared &	z Analyzed:	04/24/07				
Chloride	9.02	0.500	mg/L	10.0		90.2	80-120			
Sulfate	9.66	0.500	н	10.0		96.6	80-120			
Calibration Check (ED72411-CCV1)				Prepared &	Analyzed:	04/24/07				
Chloride	8.05		mg/L	10.0		80.5	80-120			
Sulfate	11.0		"	10.0		110	80-120			
Duplicate (ED72411-DUP1)	Sour	ce: 7D23008-	-01	Prepared &	z Analyzed:	04/24/07				
Chloride	187	5.00	mg/L		187			0.00	20	
Sulfate	74.3	5.00	7		74.0			0.405	20	
Duplicate (ED72411-DUP2)	Sour	Prepared: ()4/24/07 A	nalyzed: 04	/27/07					
Sulfate	492	12.5	mg/L		490			0.407	20	
Chloride	361	12.5	и		367			1.65	20	
Matrix Spike (ED72411-MS1)	Sour	ce: 7D23008-	-01	Prepared &	Analyzed:	04/24/07				
Chloride	291	5.00	mg/L	100	187	104	80-120		·····	
Sulfate	166	5.00	μ	100	74.0	92.0	80-120			
atrix Spike (ED72411-MS2)	Sour	ce: 7D18018-	-06	Prepared: (04/24/07 A	nalyzed: 04	1/27/07			
Chloride	631	12.5	mg/L	250	367	106	80-120			
Sulfate	774	12.5	н	250	490	114	80-120			

Environmental Lab of Texas

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Rice Operating Co. 122 W. Taylor Hobbs NM, 88240 Project: BD Jct. J-26 Project Number: None Given

Project Manager: Kristin Farris-Pope

2.26

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Total Metals by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch ED72703 - 6010B/No Digestion										•
Blank (ED72703-BLK1)				Prepared &	Analyzed:	04/27/07				
Calcium	ND	0.0810	mg/L							
Magnesium	ND	0.0360	н							
Potassium	ND	0.0600	н							
Sodium	ND	0.0430	*							
Calibration Check (ED72703-CCV1)				Prepared &	Analyzed:	04/27/07				
Calcium	1.90		mg/L	2.00		95.0	85-115		- Q	
Magnesium	2.07		"	2.00		104	85-115			
Potassium	1.98		н	2.00		99.0	85-115			
Sodium	2.29		n	2.00		114	85-115			
Duplicate (ED72703-DUP1)	Sou	rce: 7D18014-	01	Prepared &	Analyzed:	04/27/07				1
Calcium	140	4.05	mg/L		133			5.13	20	
Magnesium	76.4	1.80	"		76.8			0.522	20	
Potassium	15.7	0.600			15.6			0.639	20	

358

4.30

350



Sodium

Environmental Lab of Texas

A Xenco Laboratories Company

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

Project: BD Jct. J-26 Project Number: None Given Project Manager: Kristin Farris-Pope

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:

Brent Barron, Laboratory Director/Corp. Technical Director Celey D. Keene, Org. Tech Director Raland K. Tuttle, Laboratory Consultant

Date:

James Mathis, QA/QC Officer Jeanne Mc Murrey, Inorg, Tech Director

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.



nvironmental Lab of Texas Xenco Laboratories Company

6	13			- Lea County New Mexico					543		M.R.O.M Total Dissolved S Province Pre-solv TAT HRUR TAT breat	X	X	X				∂∂∂ ZZZ	Fede &@	0.1-
CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST	Phone: 432-563-1800 Fax: 432-563-1713	Project Name: BD Junction J-26	Project #:	Project Loc: T21S R37E Sec26 J ~ Lea C	PO#:	mat: X Standard	and the second secon	Tap]	TOTAL:	(Ct Pb Hg Sc (Ct Pb Hg Sc	TPH: TX 1005 Cettons (Ca. Mg. Na Antons (Ca. SO4, Alk SAR / ESP / CEC Wetals: Fa Ag Ba Cd Wetals: Fa Ag Ba Cd Metals: Fa Ag Ba Cd FEC Metals: Fa Ag Ba Cd Semivolatites BTEX 80218/5030	XX					Laboratory Comments: Sample Containers Intact? VOCs Free of Headspace?	Labels on container(s) Custody seals on container(s) Custody seals on cooler(s)		Temperature Upon Receip
CUSTODY RECORD		Project	Pr	Proje		Report Format:	- Moc		Matrix	2 1944 2 1950 25	Nore (1) LI LI LI LI Di Prior Vitter (Specify) Sviss Since and Sissify Sviss Since and Sissify Sviss Since and Sissify Sviss Since and Sissify Sviss Sissify Sviss Sissify Sviss Sissify Sviss Sissify Sviss Sissify Sviss Sissify Sviss Sissify Sviss	GW	1 GW	1 GW				Date Time 4-48-67 /2:0	Date. Time	4-18-07 7:55
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Texas			g Company	Street	exico 8824(5)631-9310				ttgeO gninnigeS	$\left - \right $					wd.com	01 /2.	1	Time
Enviormental Lab of Texas		Kristin Farris Pope	RICE Operating Company	122 W. Taylor Street	Hobbs, New Mexico 88240	(505) 393-9174	Sampler Signature: Rozanne Johnson (505)631-9310		20	7:50)57	FIELD CODE				******		ail to : kpope@riceswd.com ipurvis@riceswd.com	2 Date 4-18-07	Date 4-16-07	Date
vienment		Project Manager:	Company Name	Company Address:	City/State/Zip:	Telephone No:	Sampler Signature	only)	N08101			Monitor Well #1	Monitor Well #2	Monitor Well #3			Special Instructions: Please enpail to :	hot by:	hed by, Co	Ked by?
б Ш								(lab use only)	ORDER #	(٨)	no seu del) # 8A.	ō	۲ ۵	6			Special	Refinauistice by: Rozenne Johnson	Relinquished by	Relinquished by:

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client;	Rice	
Date/ Time:	4-18-07	a:55
Lab ID # :	1018019	
Initials:	al	

Sample Receipt Checklist

				Clie	ent Initials
#1	Temperature of container/ cooler?	(Tes)	No	-1.0 °C	
#2	Shipping container in good condition?	Yes	No		
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present	
#4	Custody Seals intact on sample bottles/ container?	Yes	No	Not Present	
#5	Chain of Custody present?	Ves	No	· · · · · ·	
#6	Sample instructions complete of Chain of Custody?	Yes	No		
#7	Chain of Custody signed when relinquished/ received?	Yes	No		······································
#8	Chain of Custody agrees with sample label(s)?	(es)	No	ID written on Cont./ Lid	
#9	Container label(s) legible and intact?	Ves	No	Not Applicable	
#10	Sample matrix/ properties agree with Chain of Custody?	Yes	No		
#11	Containers supplied by ELOT?	(Yes)	No		
#12	Samples in proper container/ bottle?	Yes	No	See Below	
	Samples properly preserved?	Tes	No	See Below	
# 1-4	Sample bottles intact?	(res)	No		
#15	Preservations documented on Chain of Custody?	Yes	No		
#16	Containers documented on Chain of Custody?	Yes	No		
#17	Sufficient sample amount for indicated test(s)?	Yes	No	See Below	
#18	All samples received within sufficient hold time?	Yes	No	See Below	
#19	Subcontract of sample(s)?	Yes	No	Not Applicable	
#20	VOC samples have zero headspace?	Yes	No	Not Applicable	

Variance Documentation

Contact:		Contacted by:	Date/ Time:	
Regarding:				
Corrective Action Taker).	· · · · · ·		
Check all that Apply:		See attached e-mail/ fax		
-		Client understands and would like to Cooling process had begun shortly	· · ·	
		cooming process had begun shoring	aner samping even	



Analytical Report 286346

for

Rice Operating Co.

Project Manager: Kristin Pope

BD Junction J-26

01-AUG-07



12600 West I-20 East Odessa, Texas 79765

A Xenco Laboratories Company

NELAC certification numbers: Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America



01-AUG-07



Project Manager: Kristin Pope Rice Operating Co. 122 West Taylor Hobbs, NM 88240

Reference: XENCO Report No: 286346 BD Junction J-26 Project Address: T21S R37E Sec 26 J ~ Lea County New Mexico

Kristin Pope:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 286346. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 286346 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron Odessa Laboratory Director

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994. Certified and approved by numerous States and Agencies. A Small Business and Minority Status Company that delivers SERVICE and QUALITY Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America



Certificate of Analysis mmary 286346 Rice Operating Co., Hobbs, NM Project Name: BD Junction J-26



Date Received in Lab: Fri Jul-20-07 01:45 pm

Contact: Kristin Pope Project Lócation: T21S R37E Sec 26 J ~ Lea County New N.

Report Date: 01-AUG-07 Decloret Menneous: Brank Barrich 11

				P	Project Manager: Brent Barrón, Il	
	Lab Id:	286346-001	286346-002	286346-003		
Analysis Rounstad	Field Id:	Monitor Well # 1	Monitor Well # 2	Monitor Well # 3		
naicanhay ciclinuv	Depth:					<u></u>
	Matrix:	WATER	WATER	WATER		
	Sumpled:	Jul-18-07 10:15	Jul-18-07 11:05	Jul-18-07 09:40		
Alkalinity hy FPA 310.1	Extracted:			-		
	Analyzed:	Jul-26-07 11:50	Jul-26-07 11:50	Jul-26-07 11:50		
	Units/RL:	mg/L RL	mg/L RL	mg/L RL		
Alkalinity, Total (as CaCO3)		912 4.00	5700 4.00	976 4.00		
Increanic Anions hv EPA 300	Extracted:					
	Analyzed:	Jul-22-07 00:11	Jul-22-07 00:31	Jul-22-07 00:51		
	Units/RL:	mg/L RL	mg/L RL	mg/L RL		
Chloride		149 5.00	679 25.0	139 10.0		
Sulfate		210 5:00	228 25.0	158 10.0		
Metals ner ICP hv SW846 6010B	Extracted:	Jul-31-07-07:57	Jul-31-07 07:57	Jul-31-07:07:57		
	Analyzed:	Jul-31-07 14:19	Jul-3.1-07 14:21	Jul-3:1-07 14:22		
	Units/RL:	mg/L RL	mg/L RL	mg/L RL		
Calcium		83.4 1.00	203 1.00	84.5 1.00		
Magnesium		25.4 0.100	70.6 0.100	33.9 0.100		
Potassiun		26.4 2.00	15.4 2.00	7.40 2.00		
Sodium		164 5.00	276 5:00	139 5.00		
Residue. Filterable (TDS) by EPA	Extracted:					
160.1	Analyzed:	Jul-25-07 16:30	Jul-25-07 16:30	Jul-25-07 16:30		
	Units/RL:	ing/L RL	mg/L RL	mg/L RL		
Total dissolved solids	-	900 5.00	1720 5.00	848 5.00		
				I		

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential tast. The interpretations and results expressed throughout this analytical report represent the basil adjornent of XENCO Laboratories. XENCO Laboratories assumes to reprovisibility and makes no warranty to the ord use of the data hereby presented. Our fiability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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Brent Barron Odessa Laboratory Director



- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- **E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F RPD exceeded lab control limits.
- J The target analyte was positively identified below the MQL and above the SQL.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- **H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.

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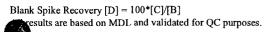
11381 Meadowglen Lane Suite L Houston, Tx 77082-2647	(281) 589-0692
9701 Harry Hines Blvd , Dallas, TX 75220	(214) 902 0300
5332 Blackberry Drive, Suite 104, San Antonio, TX 78238	(210) 509-3334
2505 N. Falkenburg Rd., Tampa, FL 33619	(813) 620-2000
5757 NW 158th St, Miami Lakes, FL 33014	(305) 823-8500





Project Name: BD Junction J-26

Work Order #: 286346			Pr	oject ID:			
Lab Batch #: 701209	-	e: 701209-		Matri	x: Water		
Date Analyzed: 07/26/2007	Date Prepare	d: 07/26/20	007	Analy	st: WRU		
Reporting Units: mg/L	Batch	#: 1	BLANK /	BLANK SPI	KE REC	OVERY S	STUDY
Alkalínity by EPA 310.1		Blank Result [A]	Spike Added [B]	Blank Spike Result	Blank Spike %R	Control Limits %R	Flags
Analytes		()	[-]	[C]	[D]	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Alkalinity, Total (as CaCO3)		ND	400	352	88	80-120	
Lab Batch #: 700978	Samp	e: 700978-	1-BKS	Matri	x: Water		
Date Analyzed: 07/21/2007	Date Prepare	d: 07/21/20	007	Analy	st: IRO		
Reporting Units: mg/L	Batch	#: 1	BLANK /	BLANK SPI	KE REC	COVERY S	STUDY
Inorganic Anions by EPA 300		Blank Result	Spike Added	Blank Spike Result	Blank Spike %R	Control Limits %R	Flags
Analytes		[A]	[B]	[C]	%K [D]	70 K	
Chloride		ND	10.0	10.3	103	90-110	
Sulfate		ND	10.0	9.36	94	90-110	





BS / BSD. Recoveries



Project Name: BD Junction J-26

Work Order #: 286346 Analyst: DAT Lab Batch ID: 701348

Date Prepared: 07/31/2007 **Batch #:** 1

Sample: 497757-1-BKS

Project ID: Date Analyzed: 07/31/2007 Matrix: Water

Units: mg/L		BLANI	K /BLANK S	SPIKE / E	S YNK S	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY	ICATE 1	RECOVE	GRY STUD	Y	
Metals per ICP by SW846 6010B	Blank Sample Result [A]	Spike Added	Blank Spike Result	Blank Spike %R	Spike Added	Blank Spike Duplicate	Blk. Spk Dup. %R	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes		[<u>8</u>]		[a]	[E]	Result [F]	ני				
Calcium	QN	1.00	1.06	106	1.0	1.03	103	3	75-125	25	
Magnesium	QN	1.00	1.08	108	1.0	1.09	109	1	75-125	25	
Potassium	QN	10.0	10.3	103	10.0	10.3	103	0	75-125	25	
Sodium	ND	11.0	10.8	98	11.0	11.0	100	2	75-125	25	

Relative Percent Difference RPD = 200*[(D-F)/(D+F)] Blank Spike Recovery [D] = 100*(C)/[B] Blank Spike Duplicate Recovery [G] = 100*(F)/[E] All results are based on MDL and Validated for QC Purposes

ζ



Form 3 - MS Recoveries





rk Order #: 286346 R

Lab Batch #: 700978	,		Pr	oject ID:	:	
Date Analyzed: 07/21/2007	Date Prepared:	07/21/2007	7	Analyst:	IRO	
QC- Sample ID: 286343-001 S	Batch #:	1		Matrix:	Water	
Reporting Units: mg/L	MAT	RIX / MA	TRIX SPIKE	RECO	VERY STU	DY
Inorganic Anions by EPA 300	Parent Sample Result	Spike Added	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Analytes	[A]	[B]				
Chloride	661	250	907	98	90-110	
Sulfate	238	250	464	90	90-110	

Matrix Spike Percent Recovery $[D] = 100^{+}(C-A)/B$ Relative Percent Difference $[E] = 200^{+}(C-A)/(C+B)$ All Results are based on MDL and Validated for QC Purposes





MSD Recoveries Form 3 - MS(



Project Name: BD Junction J-26

Matrix: Water

-DAT

QC- Sample ID: 286713-001 S

Date Prepared: 07/31/2007

Analyst: Batch.#:

Project ID:

Work Order #: 286346

Date Analyzed: 07/31/2007 Lab Batch ID: 701348

Reporting Units: mg/L

Flag × × ы Limits %RPD Control 20 20 20 20 Control Limits %R 75-125 75-125 75-125 75-125 MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY RPD % 28 9 m Spiked Dup. %R 310 117 136 81 Duplicate Spiked Sample Result [F] 45.7 89.8 9.84 165 Added Spike 1.00 1.00 10.0 11.0 Ξ Sample %R [D] Spiked 118 320 107 145 Spiked Sample Result 89.9 45.8 166 10.1 <u></u> Spike Added 10.0 1.00 1.0011.0 B Parent Sample Result 9.03 34.0 86.7 [Y] 150 Metals per ICP by SW846 6010B Analytes Magnesium Potassium Calcium Sodium

Matrix Spike Percent Recovery [D] = 100*(C-A)/B Relative Percent Difference RPD = 200*(D-G)/(D+G)

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected. J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = Sée Narrative, EQL = Estimated Quantitation Limit

Page 8 of 11



Work Order #: 286346

Sample Duplicate Recovery

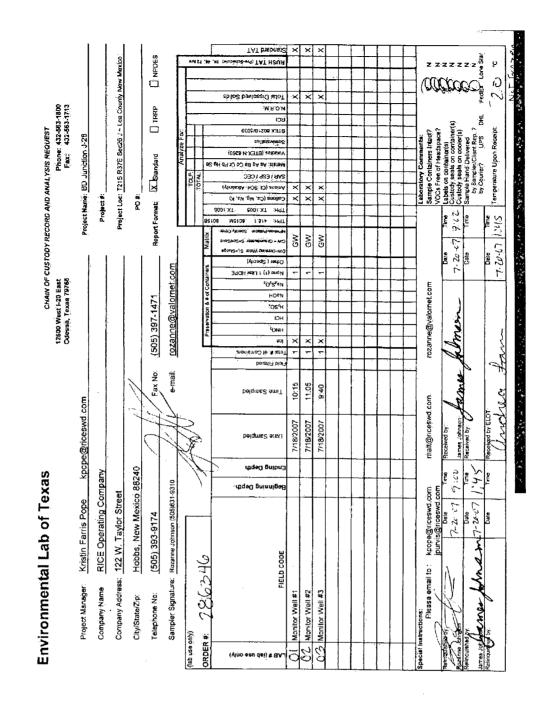


Project Name: BD Junction J-26

QC bumple ibt 2005 ib 001 b	atch #: 1	26/2007	Matr	rst: WRU ix: Water	
Reporting Units: mg/L Alkalinity by EPA 310.1	SAMPLE / Parent Sample Result [A]	SAMPLE Sample Duplicate Result [B]	RPD	ATE REC Control Limits %RPD	Flag
Analyte					
Alkalinity, Total (as CaCO3)	8900	8900	0	20 -	
Lab Batch #: 700978 Date Analyzed: 07/21/2007 Date Pro	•	21/2007	•	st: IRO	
Que sumple internet acces to corres	atch #: 1			ix: Water	OWER L
Reporting Units: mg/L		/ SAMPLE	DUPLIC	i ···	OVERY
Inorganic Anions by EPA 300 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Chloride	661	663	0	20	
Sulfate	238	240	1	20	
QC Sumple LDI 2000 10 001.5	atch #: 1		Matr	rst: IRO ix: Water	
Reporting Units: mg/L	SAMPLE	/ SAMPLE	DUPLIC	ATE REC	OVERY
Residue, Filterable (TDS) by EPA 160.1 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Total dissolved solids	2090	2160	3	30	
Lab Batch #: 701044 Date Analyzed: 07/25/2007 Date Pro QC- Sample ID: 286396-001 D B	epared: 07/2 atch #: 1	25/2007	v	rst: IRO ix: Water	
Reporting Units: mg/L	SAMPLE	/ SAMPLE	DUPLIC	ATE REC	OVERY
Residue, Filterable (TDS) by EPA 160.1 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Total dissolved solids	2560	2580	1	30	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) | All Results are based on MDL and validated for QC purposes.





Page 10 of 11

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client:	Rice	
Date/ Time:	7.20.07 1:45	
Lab ID #	286396	
Init;als:	aL	

Sample Receipt Checklist

				Client Initial
in .	Temperature of container/ cooler?	Ces	No	- 2.0 °C 100 Fr028,
#2	Shipping container in good condition?	NES)	No	
¥3.	Custody Seals intact on shipping container/ cooler?	(es)	No	Not Present
#4.	Custody Seals intact on sample bottles/ container?	Yes	No	Not Present
# 5	Chain of Custody present?	es	No	
#6	Sample instructions complete of Chain of Custody?	Yes	No	
 #7∙	Chain of Custody signed when relinquished/ received?	Tes	No	
#B	Chain of Custody agrees with sample label(s)?	Xes	No	ID written on Cont./ Lid
# 9	Container label(s) legible and intact?	*es	No	Not Applicable
#10	Sample matrix/ properties agree with Chain of Custody?	(es)	No	·
#11	Containers supplied by ELOT?	Yes	No	
#12	Samples in proper container/ bottle?	(es	No	See Below
#13	Samples properly preserved?	Kes	No	See Below
#14	Sample bottles intact?	Ves	No	
#15	Preservations documented on Chain of Custody?	Ves	No	
#16	Containers documented on Chain of Custody?	8,62D	No	
¥17	Sufficient sample amount for indicated test(s)?	Yes	No	See Below
#18	All samples received within sufficient hold time?	Yes	No	See Below
#19	Subcontract of sample(s)?	Yes	No	Net Applicable
#20		CTOE?	No	Not Applicable

Variance Documentation

Contact Contacted by: Date/ Time:
Regarding:
Corrective Action Taken:

heck all that Apply:

See attached e-mail/ fax

Client understands and would like to proceed with analysis Cooling process had begin shortly after sampling event



PHONE (325) 673-7001 + 2111 BEECHWOOD + ABILENE, TX 79603

8049

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

ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: KRISTIN FARRIS-POPE 122 W. TAYLOR STREET HOBBS, NM 88240 FAX TO: (575) 397-1471

Receiving Date: 10/12/07 Reporting Date: 10/16/07 Project Number: NOT GIVEN Project Name: BD JUNCTION J-26 Project Location: T21S R37E SEC26 J~LEA COUNTY, NM Sampling Date: 10/10/07 Sample Type: WATER Sample Condition: COOL & INTACT Sample Received By: BC Analyzed By: HM/KS

		Na	Са	Mg	К	Conductivity	T-Alkalinity
LAB NUMBE	R SAMPLE ID	(mg/L)	(mg/ L)	(mg/L)	(mg/L)	(<i>u</i> S/cm)	(mgCaCO ₃ /L)
ANALYSIS D	DATE:	10/15/07	10/15/07	10/15/07	10/12/07	10/15/07	10/15/07
H13494-1	MONITOR WELL #1	166	59.9	28.2	28.7	1,397	200
H13494-2	MONITOR WELL #2	323	174	68.6	10.7	3,040	192
H13494-3	MONITOR WELL #3	163	51.9	33.1	6.43	1,345	232
Quality Contr	rol	NR	47.9	51.6	1.87	9,770	NR
True Value C		NR	50.0	50.0	2.00	10,000	NR
& Recovery		NR	95.8	103	93.6	97.7	NR
	cent Difference	NR	2.7	< 0.1	< 0.1	0.4	NR

SM3500-Ca-D 3500-Mg E

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		сГ	SO₄	CO_3	HCO ₃	pН	TDS
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(s.u.)	(mg/L)
ANALYSIS D	DATE:	10/15/07	10/15/07	10/15/07	10/15/07	10/15/07	10/14/07
H13494-1	MONITOR WELL #1	160	228	0	244	7.90	915
H13494-2	MONITOR WELL #2	730	204	0	234	7.61	1,838
H13494-3	MONITOR WELL #3	164	160	0	283	7.77	857
Quality Contr	rol	500	22.6	NR	988	6.99	NR
True Value C		500	25.0	NR	1000	7.00	NR
% Recovery		100	90.4	NR	98.8	99.9	NR
	cent Difference	2.0	15.5	NR	1.2	0.1	NR

SM4500-CI-B

METHODS:

METHODS:

ister Suplobo

10/16/07 Date

150.1



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 hose of the base of use of 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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APPENDIX C

Well Sampling Data Forms

CLIENT:	RICE Of	perating Co	mpany	. WELL ID:	Monitor Well #1
SYSTEM:	BD			DATE:	February 8, 2007
SITE LOCATION:	Junction	J-26		SAMPLER:	Rozanne Johnson
				-	
PURGING METHOD	:	Hand Ba	iled 🗹 🛛	Pump, Type:	Purge Pump
SAMPLING METHOR	D:	Disposa	ble Bailer	Direct from Disch	narge Hose Other:
			— • •		
DISPOSAL METHOD	OF PUR	GE WATER:	U On-sit	te Drum 🔲 Drums	SWD Disposal Facility
TOTAL DEPTH OF V			Feet		
DEPTH TO WATER: HEIGHT OF WATER			Feet Feet	2	In. Well Diameter
WELL VOLUME:		Gal.		8	Gallons purged prior to sampling
	TEND	0.0110		I	
TIME	TEMP. °C	COND. mS/cm	рН	PHYS	SICAL APPEARANCE AND REMARKS
				· · · · · · · · · · · · · · · · · · ·	
	40.7	4.04			-
13:15	19.7	1.61	7.57	Clear with no odo	
				Samples Collecte	ed
				Major lons/TDS (1-1000ml Plastic)
	L	[]			

COMMENTS:

Myron Model 6P instrument used to obtain pH, conductivity, and temperature measurements.

CLIENT:	RICE O	perating Co	mpany	WELL ID:	Monitor Well #1
SYSTEM:	BD			DATE:	April 18, 2007
SITE LOCATION:	Junction	J-26		SAMPLER:	Rozanne Johnson
PURGING METHOD	:	Hand Ba	ailed 🗹	Pump, Type <u>:</u>	Purge Pump
SAMPLING METHO	D:	🗹 Disposa	ble Bailer	Direct from Disch	arge Hose Other:
DISDOSAL METHOP			D Onei		SWD Disposal Facility
			_		
TOTAL DEPTH OF V DEPTH TO WATER:		<u>52.80</u> 39.66	Feet Feet		
HEIGHT OF WATER		: 13.14	Feet	2	In. Well Diameter
WELL VOLUME:	2.1	Gal.		8	Gallons purged prior to sampling
TIME	TEMP. °C	COND. mS/cm	pН	PHYS	SICAL APPEARANCE AND REMARKS
10:55	20.6	1.49	7.59	Clear with no odo	r
				Samples Collecte	d
				Major lons/TDS (*	1-1000ml Plastic)

COMMENTS:

Myron Model 6P instrument used to obtain pH, conductivity, and temperature measurements.

CLIENT:	RICE OF	perating Co	mpany	WELL ID: Monitor Well #1
SYSTEM:	BD			DATE: July 18, 2007
SITE LOCATION:	Junction	J-26		SAMPLER: Rozanne Johnson
		_		
PURGING METHOD	:	🔲 Hand Ba	ailed 🗹 🛛	Pump, Type: Purge Pump
SAMPLING METHO	D:	🗖 Disposa	ble Bailer [Direct from Discharge Hose
			— • •	
DISPOSAL METHOD	OF PURC	SE WATER:	L On-sit	te Drum 🔲 Drums 🗹 SWD Disposal Facility
TOTAL DEPTH OF V			Feet	
DEPTH TO WATER: HEIGHT OF WATER			Feet Feet	2 In. Well Diameter
WELL VOLUME:		Gal.	1001	8 Gallons purged prior to sampling
TIME	TEMP. °C	COND. mS/cm	рН	PHYSICAL APPEARANCE AND REMARKS
	Ū.			
10:15	21.0	1.46	7.61	Clear with no odor.
				Samples Collected
	····			
				Major lons/TDS (1-1000ml Plastic)
		L		

COMMENTS:

Myron Model 6P instrument used to obtain pH, conductivity, and temperature measurements.

CLIENT:	RICE OF	erating Co	mpany	WELL ID: Monitor Well #1
SYSTEM:	BD			DATE: October 10, 2007
SITE LOCATION:	Junction	J-26		SAMPLER: Rozanne Johnson
PURGING METHOD	:	🔲 Hand Ba	ailed 🗹 🛛	Pump, Type: Purge Pump
SAMPLING METHO	D:	🔲 Disposa	ble Bailer	☑ Direct from Discharge Hose
DISPOSAL METHOD	OF PURG	E WATER:	LI On-sit	e Drum 🔲 Drums 🛛 SWD Disposal Facility
TOTAL DEPTH OF V			Feet	
DEPTH TO WATER: HEIGHT OF WATER			Feet Feet	2 In. Well Diameter
WELL VOLUME:	2.0	Gal.		8 Gallons purged prior to sampling
	TEMP.	COND.	-	
TIME	°C	mS/cm	pН	PHYSICAL APPEARANCE AND REMARKS
17:15	20.5	1.41	7.63	Clear with no odor.
				Samples Collected
				Major lons/TDS (1-1000ml Plastic)
	La			1

COMMENTS:

Myron Model 6P instrument used to obtain pH, conductivity, and temperature measurements.

Delivered samples to Cardinal Lab in Hobbs, New Mexico for Major Ions, and TDS analysis.

.

CLIENT: RICE Operating Company				WELL ID:	Monitor Well #2
SYSTEM: BD				DATE:	February 8, 2007
SITE LOCATION:	SITE LOCATION: Junction J-26				Rozanne Johnson
PURGING METHOD: 🛛 Hand Bailed 🗹 P			ailed 🗹	Pump, Type:	Purge Pump
SAMPLING METHO	D:	Disposa	ble Bailer	Direct from Disch	arge Hose 🗍 Other:
DISPOSAL METHOD	OF PURC	GE WATER:	🛛 On-si	te Drum 🔲 Drums	SWD Disposal Facility
TOTAL DEPTH OF WELL: 58.47 Feet					
DEPTH TO WATER: 40.03 Feet				2	In. Well Diameter
HEIGHT OF WATER COLUMN: 18.44 Feet WELL VOLUME: 3.0 Gal.			reel	<u>2</u> 10	Gallons purged prior to sampling
		•			· · · · · · · · ·
TIME	TEMP.	COND.	рН	PHYS	SICAL APPEARANCE AND REMARKS
	°C	mS/cm			
14:10	19.8	1.99	7.43	Clear with no odo	r.
				Samples Collecte	d
				Major lons/TDS (1-1000ml Plastic)
		1	1	1	

COMMENTS:

Myron Model 6P instrument used to obtain pH, conductivity, and temperature measurements.

CLIENT: RICE Operating Company				WELL ID:	Monitor Well #2
SYSTEM: <u>BD</u>				DATE:	April 18, 2007
SITE LOCATION:	Junction	J-26		SAMPLER:	Rozanne Johnson
PURGING METHOD	:	Hand Ba	ailed 🗹 🛛	Pump, Type <u>:</u>	Purge Pump
SAMPLING METHO	D:	Disposa	ible Bailer [Direct from Disch	narge Hose 🔲 Other:
			-		
DISPOSAL METHOD	OF PUR	GE WATER:	L On-sit	te Drum 📙 Drums	SWD Disposal Facility
TOTAL DEPTH OF V		58.47	Feet		
DEPTH TO WATER: HEIGHT OF WATER			Feet Feet	2	In. Well Diameter
WELL VOLUME: 2.9 Gal.			-	10	Gallons purged prior to sampling
	TEMP.	COND.	Γ		
TIME	°C	mS/cm	рН	PHYS	SICAL APPEARANCE AND REMARKS
11:50	20.6	2.28	· 7.40	Clear with no odo	ır.
				Samples Collected	
				· · ·	
	· · · · · · · · · · · · · · · · · · ·			Major lons/TDS (1-1000ml Plastic)
······					
· · · · · · · · · · · · · · · · · · ·					
-1021 AF			L	L	
		1			

COMMENTS:

Myron Model 6P instrument used to obtain pH, conductivity, and temperature measurements.

CLIENT: RICE Operating Company				WELL ID:	Monitor Well #2
SYSTEM: BD				DATE:	July 18, 2007
SITE LOCATION:	Junction	J-26		SAMPLER:	Rozanne Johnson
PURGING METHOD: Hand Bailed I F SAMPLING METHOD: Disposable Bailer				Pump, Type:	
DISPOSAL METHOD OF PURGE WATER: On-site Drum Drums SWD Disposal Facility TOTAL DEPTH OF WELL: 58.47 Feet DEPTH TO WATER: 40.30 Feet HEIGHT OF WATER COLUMN: 18.17 Feet WELL VOLUME: 2.9 Gai. 0 Gallons purged prior to sampling					
TIME	TEMP. °C	COND. mS/cm	pН	PHYS	SICAL APPEARANCE AND REMARKS
11:05	21.2	2.92	7.40	Clear with no odo Samples Collecte Major Ions/TDS (1	d
				L	

COMMENTS:

Myron Model 6P instrument used to obtain pH, conductivity, and temperature measurements.

CLIENT: RICE Operating Company				WELL ID:	Monitor Well #2
SYSTEM:	BD		-	DATE:	October 10, 2007
SITE LOCATION:	Junction	J-26		SAMPLER:	Rozanne Johnson
	,				
PURGING METHOD: 🛛 Hand Bailed 🗹 P				Pump, Type:	Purge Pump
SAMPLING METHO	D:	Disposa	ble Bailer	Direct from Disch	arge Hose Other:
DISPOSAL METHO		GE WATER	□ On-si	te Drum 🗖 Drums	SWD Disposal Facility
TOTAL DEPTH OF V DEPTH TO WATER:		<u>58.47</u> 40.52	Feet Feet		
HEIGHT OF WATER		17.95	Feet	2	In. Well Diameter
WELL VOLUME:	2.9	Gal.		10	Gallons purged prior to sampling
TIME	TEMP.	COND.	pН		SICAL APPEARANCE AND REMARKS
	°C	mS/cm	рп 	Fills	
18:20	20.4	3.07	7.50	Clear with no odor.	
				Samples Collected	
M				Major lons/TDS (1-1000ml Plastic)
					,

COMMENTS:

Myron Model 6P instrument used to obtain pH, conductivity, and temperature measurements.

Delivered samples to Cardinal Lab in Hobbs, New Mexico for Major lons, and TDS analysis.

CLIENT: RICE Operating Company				WELL ID: Monitor Well #3
SYSTEM: <u>BD</u>				DATE: February 8, 2007
SITE LOCATION:	Junction	J-26		SAMPLER: Rozanne Johnson
PURGING METHOD: 🛛 Hand Bailed 🗹 🛛			ailed 🗹	Pump, Type: Purge Pump
SAMPLING METHO	D:	Disposa	ble Bailer	Direct from Discharge Hose D Other:
DISPOSAL METHO	D OF PURC	SE WATER:	🛛 On-si	te Drum 🔲 Drums 🛛 SWD Disposal Facility
TOTAL DEPTH OF \	WELL:	60.05	Feet	
DEPTH TO WATER		39.01	Feet	
HEIGHT OF WATER WELL VOLUME:		: 21.04 Gal.	Feet	2 In. Well Diameter 15 Gallons purged prior to sampling
WELE VOLOME.				
TIME	TEMP.	COND.	рH	PHYSICAL APPEARANCE AND REMARKS
	°C	mS/cm		
			L	
12:35	19.6	1.35	7.42	Clear with no odor.
				Samples Collected
				Major Ions/TDS (1-1000ml Plastic)
	I	<u> </u>	L	I
		I		

COMMENTS:

Myron Model 6P instrument used to obtain pH, conductivity, and temperature measurements.

CLIENT: RICE Operating Company				WELL ID:	Monitor Well #3
SYSTEM: <u>BD</u>				DATE:	April 18, 2007
SITE LOCATION:	Junction	J-26		SAMPLER:	Rozanne Johnson
PURGING METHOD: Hand Bailed P					
SAMPLING METHO	D:	Disposa	able Bailer [Direct from Disch	arge Hose Other:
DISPOSAL METHOD OF PURGE WATER: On-site Drum Drums SWD Disposal Facility TOTAL DEPTH OF WELL: 60.05 Feet DEPTH TO WATER: 39.16 Feet HEIGHT OF WATER COLUMN: 20.89 Feet 2 In. Well Diameter WELL VOLUME: 3.3 Gal. Gallons purged prior to sampling					In. Well Diameter
TIME	TEMP. °C	COND. mS/cm	рН	PHYS	SICAL APPEARANCE AND REMARKS
10:05	20.7	1.35	7.34	Clear with no odo	r.
				Samples Collecte	d
				Major lons/TDS (*	1-1000ml Plastic)
				l	

COMMENTS:

Myron Model 6P instrument used to obtain pH, conductivity, and temperature measurements.

CLIENT: RICE Operating Company				WELL ID:	Monitor Well #3
SYSTEM: BD				DATE:	July 18, 2007
SITE LOCATION:	Junction	J-26		SAMPLER:	Rozanne Johnson
PURGING METHOD: Hand Bailed 🗹 P				Pump, Type:	Purge Pump
SAMPLING METHO	D:	Disposa	ble Bailer 🖸	Direct from Disch	arge Hose Other:
		GE WATER		e Drum 🗖 Drums	SWD Disposal Facility
-					
TOTAL DEPTH OF V DEPTH TO WATER:		60.05	Feet Feet		
HEIGHT OF WATER		: 20.65	Feet	2	In. Well Diameter
WELL VOLUME:	3.3	Gal.		15	Gallons purged prior to sampling
TIME	TEMP. °C	COND. mS/cm	рН	PHYS	SICAL APPEARANCE AND REMARKS
9:40	20.9	1.36	7.41	Clear with no odo	r
				Samples Collected	
				Major lons/TDS (1-1000ml Plastic)

COMMENTS:

Myron Model 6P instrument used to obtain pH, conductivity, and temperature measurements.

CLIENT: RICE Operating Company				WELL ID:	Monitor Well #3
SYSTEM: BD				DATE:	October 10, 2007
SITE LOCATION:	Junction	J-26		SAMPLER:	Rozanne Johnson
				<i>x</i>	
PURGING METHOD: 🔲 Hand Bailed 🗹 F			ailed 🗹 🕴	Pump, Type <u>:</u>	Purge Pump
SAMPLING METHO	D:	Disposa	ble Bailer	Direct from Disch	arge Hose 🔲 Other:
			-	. .	
DISPOSAL METHOL	OF PURG	SE WATER:	U On-sit	e Drum 📋 Drums	SWD Disposal Facility
TOTAL DEPTH OF W			Feet		
DEPTH TO WATER: HEIGHT OF WATER			Feet Feet	2	In. Well Diameter
WELL VOLUME: 3.3 Gal.				15	Gallons purged prior to sampling
	TEMP.	COND.			
TIME	°C	mS/cm	рH	PHYS	SICAL APPEARANCE AND REMARKS
16:25	21.0	1.38	7.44	Clear with no odo	r
				Samples Collected	
	Major lo			Major lons/TDS (*	1-1000ml Plastic)
				· · · · · · · · · · · · · · · · · · ·	

COMMENTS:

Myron Model 6P instrument used to obtain pH, conductivity, and temperature measurements.

Delivered samples to Cardinal Lab in Hobbs, New Mexico for Major Ions, and TDS analysis.