

1R - 426-40

REPORTS

DATE:

2-5-07



CERTIFIED MAIL
RETURN RECEIPT NO. 7099 3400 0017 1737 2268

February 5, 2007

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

RECEIVED

FEB - 9 2007
Environmental Bureau
Oil Conservation Division

RE: **ANNUAL GROUNDWATER MONITORING REPORT
BD J-26 JUNCTION BOX SITE
T21S, R37E, SECTION 26, UNIT LETTER J
NMOCD CASE # 1R0426-40 (AP # yet to be assigned)**

Mr. Hansen:

On behalf of Rice Operating Company (ROC), Trident Environmental takes this opportunity to submit the 2006 Annual Monitoring Well Report for the BD J-26 junction box site located in the Blinbry-Drinkard (BD) Salt Water Disposal (SWD) System.

Analysis for BTEX concentrations has been suspended as approved by Wayne Price on May 19, 2006 (approval communication attached) since each component of BTEX has been below the laboratory method detection limit of 0.001 mg/L at this site since it began in 2002.

ROC is the service provider (agent) for the BD Salt Water Disposal 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: CDH, KFP, file

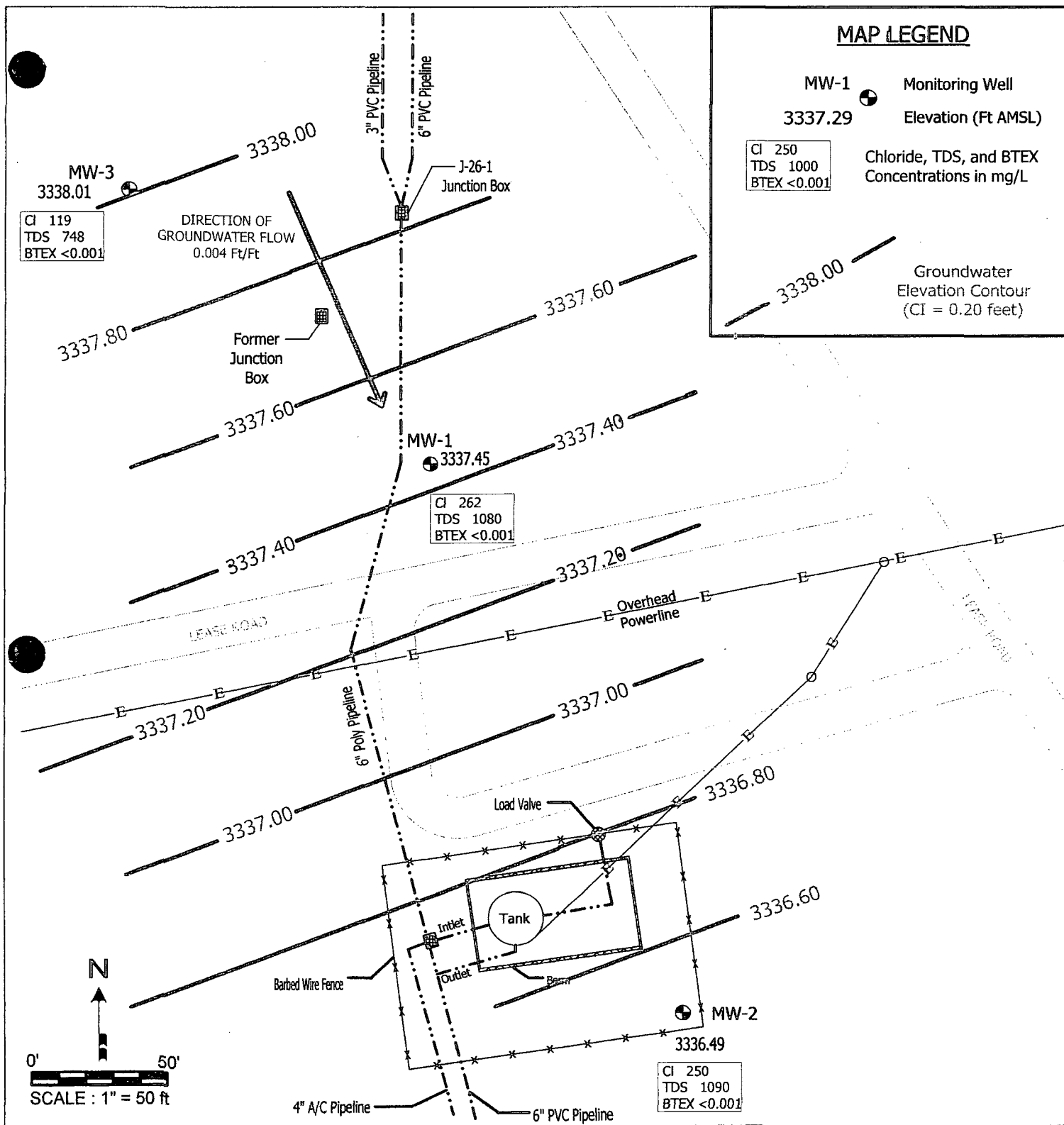
enclosures: maps, table, graphs, laboratory analytical reports, and correspondence

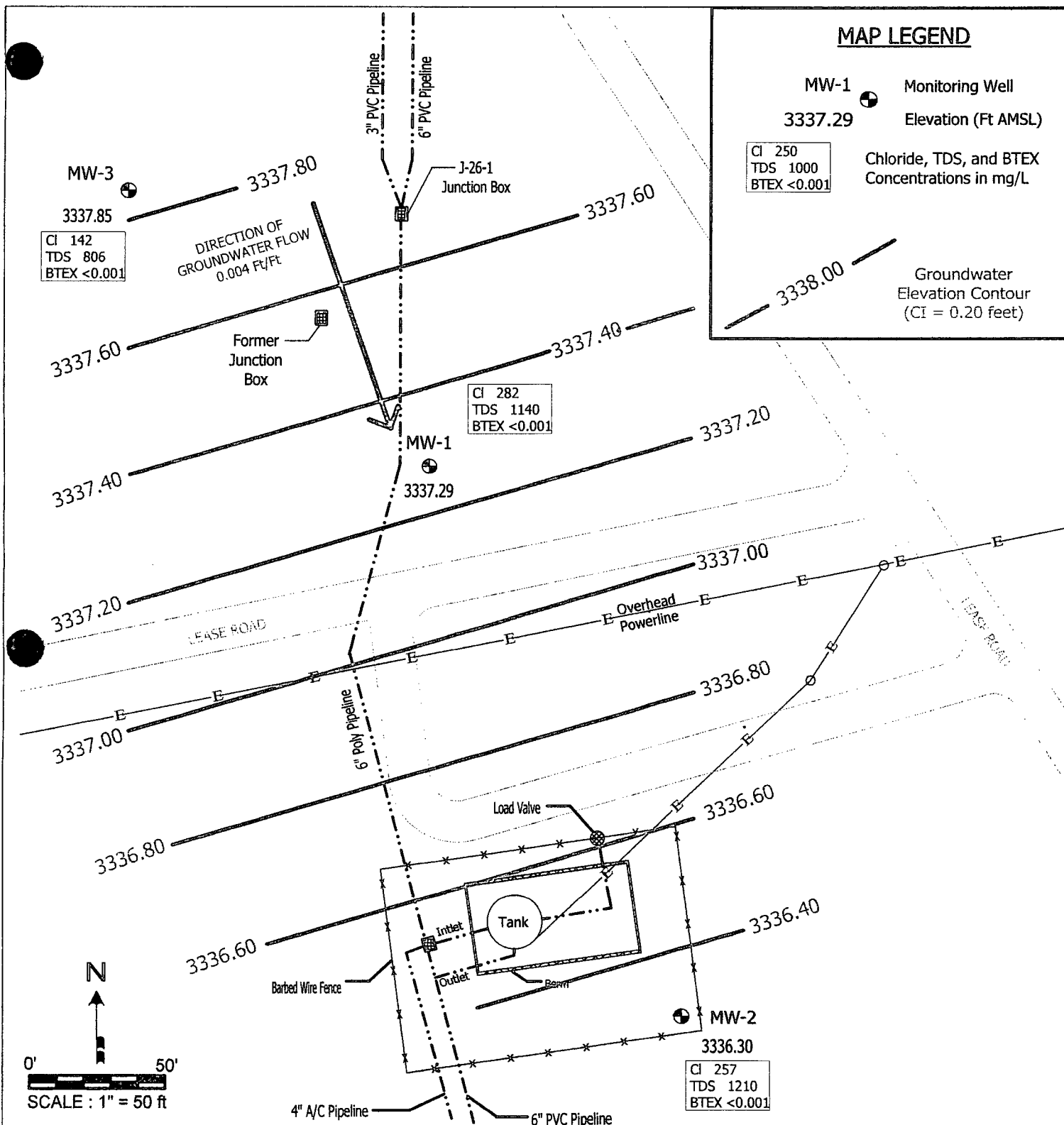
ATTACHMENT A

Site Maps

Table

Graphs





BD J-26 Junction Box Site
T21S - R37E - Section 26 - Unit J
RICE Operating Company

MAY 8, 2006
LOCAL GROUNDWATER GRADIENT AND
CHLORIDE/TDS CONCENTRATION MAP

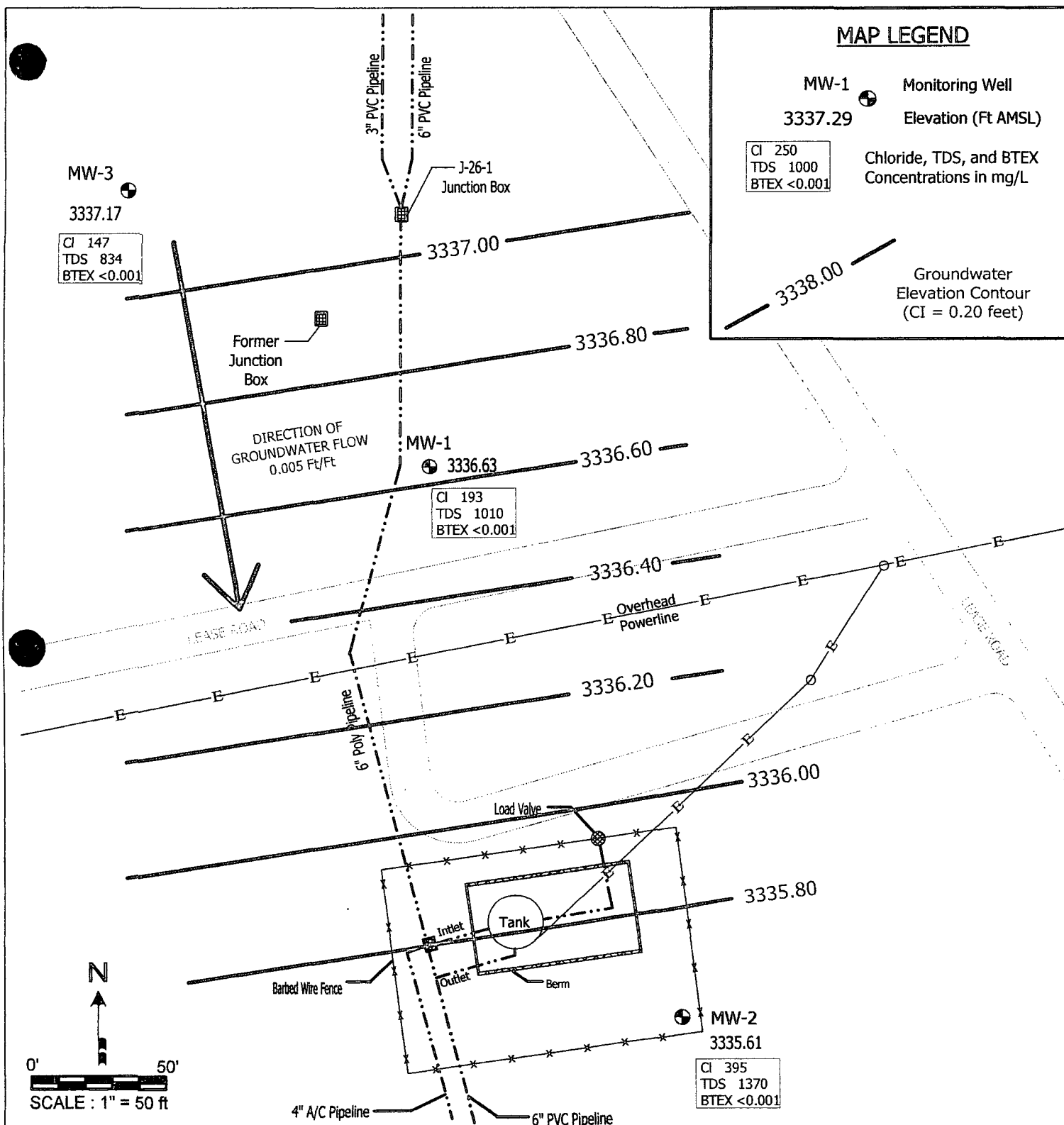
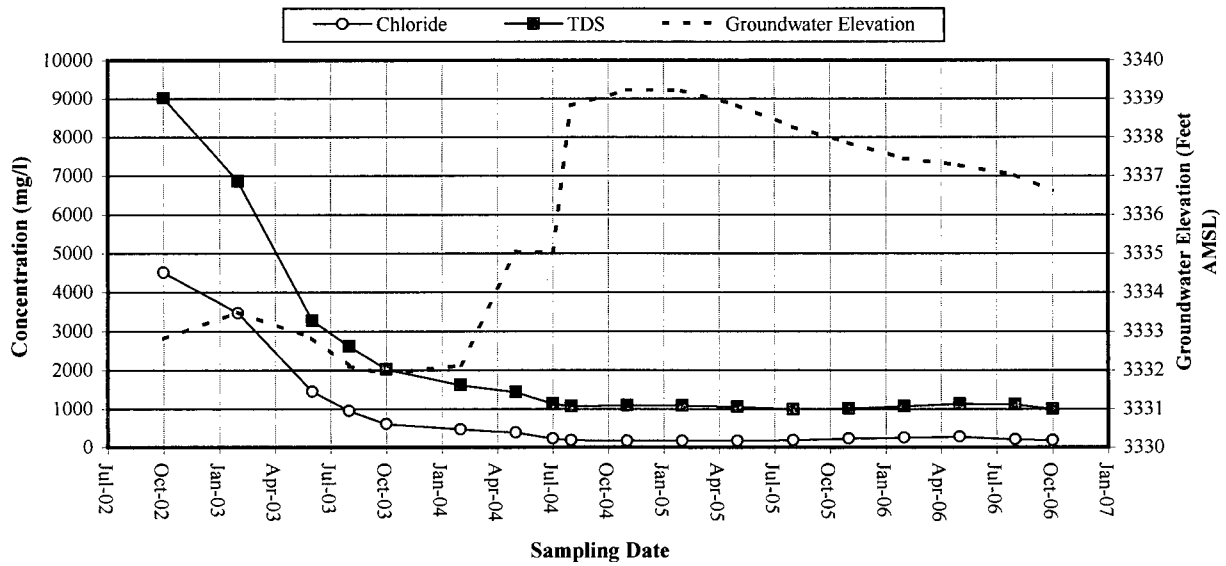


Table 1
Summary of Groundwater Sampling Results

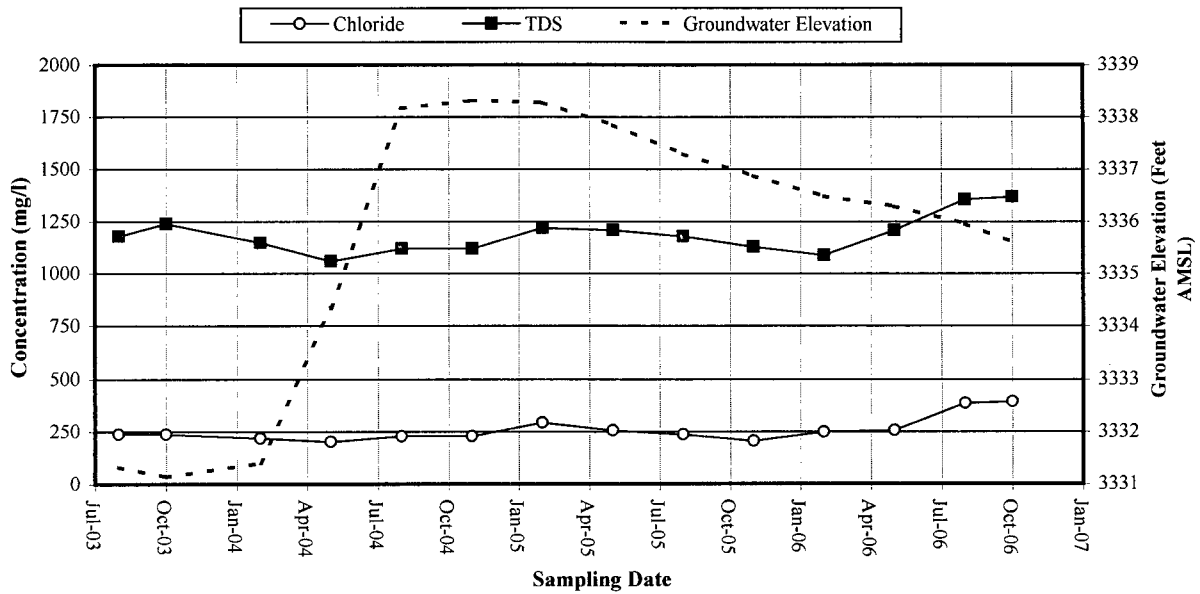
Monitoring Well	Sample Date	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet AMSL)	Chloride (mg/L)	TDS (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
MW-1	10/29/02	43.02	3332.82	4520	9020	< 0.001	< 0.001	< 0.001	< 0.001
	02/28/03	42.33	3333.51	3470	6870	< 0.001	< 0.001	< 0.001	< 0.001
	06/05/03	43.00	3332.84	1460	3280	< 0.001	< 0.001	< 0.001	< 0.001
	08/22/03	43.72	3332.12	957	2620	< 0.001	< 0.001	< 0.001	< 0.001
	10/30/03	43.91	3331.93	620	2040	< 0.001	< 0.001	< 0.001	< 0.001
	02/18/04	43.70	3332.14	478	1630	< 0.001	< 0.001	< 0.001	< 0.001
	05/05/04	40.80	3335.04	390	1440	< 0.001	< 0.001	< 0.001	< 0.001
	07/08/04	40.80	3335.04	230	1140	< 0.001	< 0.001	< 0.001	< 0.001
	08/10/04	37.02	3338.82	195	1080	< 0.001	< 0.001	< 0.001	< 0.001
	11/09/04	36.61	3339.23	177	1100	< 0.001	< 0.001	< 0.001	< 0.001
	02/09/05	36.62	3339.22	179	1090	< 0.001	< 0.001	< 0.001	< 0.001
	05/05/05	37.00	3338.84	179	1060	< 0.001	< 0.001	< 0.001	< 0.001
	08/13/05	37.56	3338.28	193	1000	< 0.001	< 0.001	< 0.001	< 0.001
	11/07/05	37.98	3337.86	233	1020	< 0.001	< 0.001	< 0.001	< 0.001
	02/06/06	38.39	3337.45	262	1080	< 0.001	< 0.001	< 0.001	< 0.001
	05/08/06	38.55	3337.29	282	1140	< 0.001	< 0.001	< 0.001	< 0.001
	08/01/06	38.80	3337.04	218	1126	< 0.001	< 0.001	< 0.001	< 0.001
	10/23/06	39.21	3336.63	193	1010	< 0.001	< 0.001	< 0.001	< 0.001
MW-2	08/22/03	43.99	3331.33	239	1180	< 0.001	< 0.001	< 0.001	< 0.001
	10/30/03	44.17	3331.15	239	1240	< 0.001	< 0.001	< 0.001	< 0.001
	02/18/04	43.91	3331.41	221	1150	< 0.001	0.001	< 0.001	< 0.001
	05/05/04	40.98	3334.34	204	1060	< 0.001	0.001	< 0.001	< 0.001
	08/10/04	37.14	3338.18	230	1120	< 0.001	< 0.001	< 0.001	< 0.001
	11/09/04	36.99	3338.33	230	1120	< 0.001	< 0.001	< 0.001	< 0.001
	02/09/05	37.03	3338.29	294	1220	< 0.001	< 0.001	< 0.001	< 0.001
	05/06/05	37.46	3337.86	257	1210	< 0.001	< 0.001	< 0.001	< 0.001
	08/13/05	38.02	3337.30	237	1180	< 0.001	< 0.001	< 0.001	< 0.001
	11/07/05	38.44	3336.88	206	1130	< 0.001	< 0.001	< 0.001	< 0.001
	02/06/06	38.83	3336.49	250	1090	< 0.001	< 0.001	< 0.001	< 0.001
	05/08/06	39.02	3336.30	257	1210	< 0.001	< 0.001	< 0.001	< 0.001
	08/01/06	39.35	3335.97	387	1358	< 0.001	< 0.001	< 0.001	< 0.001
	10/23/06	39.71	3335.61	395	1370	< 0.001	< 0.001	< 0.001	< 0.001
MW-3	08/22/03	43.06	3332.79	160	904	< 0.001	< 0.001	< 0.001	< 0.001
	10/30/03	43.28	3332.57	168	1070	< 0.001	< 0.001	< 0.001	< 0.001
	02/18/04	43.03	3332.82	160	862	< 0.001	< 0.001	< 0.001	< 0.001
	05/05/04	40.04	3335.81	160	891	< 0.001	< 0.001	< 0.001	< 0.001
	08/10/04	36.55	3339.30	164	941	< 0.001	< 0.001	< 0.001	< 0.001
	11/09/04	36.22	3339.63	142	1160	< 0.001	< 0.001	< 0.001	< 0.001
	02/09/05	36.17	3339.68	138	1010	< 0.001	< 0.001	< 0.001	< 0.001
	05/06/05	36.56	3339.29	141	870	< 0.001	< 0.001	< 0.001	< 0.001
	08/13/05	37.12	3338.73	125	842	< 0.001	< 0.001	< 0.001	< 0.001
	11/07/05	37.55	3338.30	125	826	< 0.001	< 0.001	< 0.001	< 0.001
	02/06/06	37.84	3338.01	119	748	< 0.001	< 0.001	< 0.001	< 0.001
	05/08/06	38.00	3337.85	142	806	< 0.001	< 0.001	< 0.001	< 0.001
	08/01/06	38.22	3337.63	141	876	< 0.001	< 0.001	< 0.001	< 0.001
	10/23/06	38.68	3337.17	147	834	< 0.001	< 0.001	< 0.001	< 0.001
WQCC Standards				250	1000	0.01	0.75	0.75	0.62

Total Dissolved Solids (TDS), chloride, and BTEX concentrations listed in milligrams per liter (mg/L). Analyses performed by Cardinal Labs, Hobbs NM (1995-1998) and Environmental Lab of Texas, Odessa TX. Values in boldface type indicate concentrations exceed New Mexico Water Quality Commission (WQCC) standards.
 AMSL - Above Mean Sea Level; BTOC - Below Top of Casing. Elevations and state plane coordinates surveyed by Basin Surveys, Hobbs, NM.
 BTEX analysis discontinued as approved by NMOCN on 05/19/06.

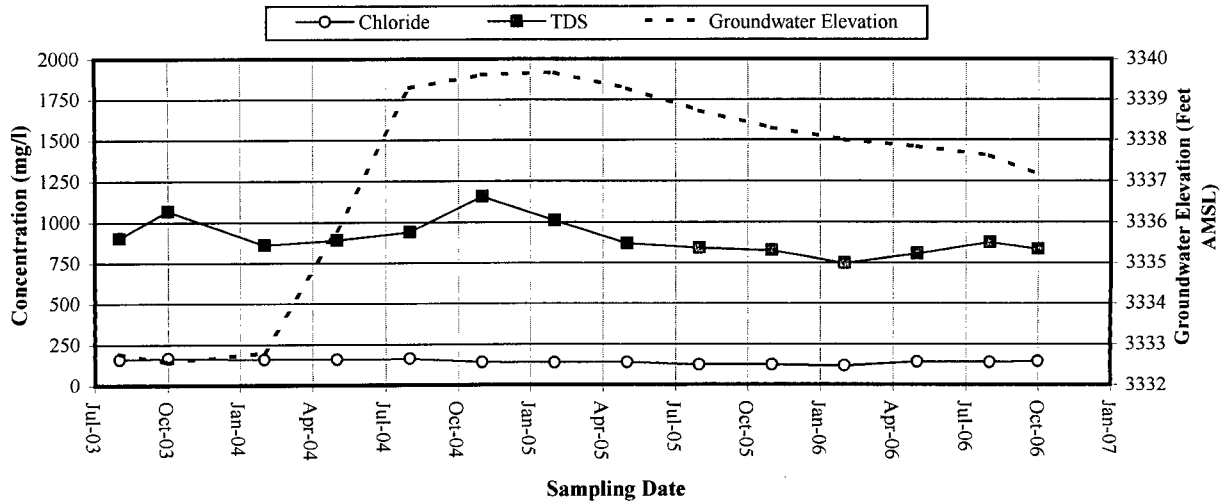
Chloride, TDS, and Groundwater Elevation Values Versus Time (MW-1)



Chloride, TDS, and Groundwater Elevation Values Versus Time (MW-2)



Chloride, TDS, and Groundwater Elevation Values Versus Time (MW-3)

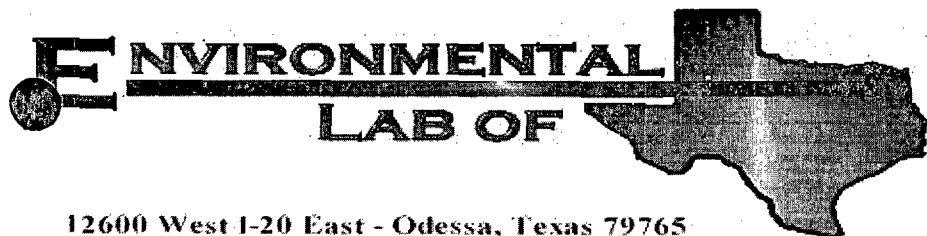


ATTACHMENT B

Laboratory Analytical Reports

And

Chain of Custody Documentation



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Kristin Farris-Pope

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: BD Jct. J-26

Project Number: None Given

Location: Lea County

Lab Order Number: 6B08011

Report Date: 02/15/06

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

Reported:
02/15/06 11:16

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Monitor Well #1	6B08011-01	Water	02/06/06 10:05	02/08/06 09:00
Monitor Well #2	6B08011-02	Water	02/06/06 12:15	02/08/06 09:00
Monitor Well #3	6B08011-03	Water	02/06/06 11:00	02/08/06 09:00

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

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

Fax: (505) 397-1471

Reported:
02/15/06 11:16

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6B08011-01) Water									
Benzene	ND	0.00100	mg/L	1	EB60910	02/09/06	02/10/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		94.0 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.5 %	80-120		"	"	"	"	
Monitor Well #2 (6B08011-02) Water									
Benzene	ND	0.00100	mg/L	1	EB60910	02/09/06	02/10/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		96.5 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.5 %	80-120		"	"	"	"	
Monitor Well #3 (6B08011-03) Water									
Benzene	ND	0.00100	mg/L	1	EB60910	02/09/06	02/10/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		88.2 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		81.5 %	80-120		"	"	"	"	

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

Reported:
02/15/06 11:16

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6B08011-01) Water									
Total Alkalinity	166	2.00	mg/L	1	EB60901	02/08/06	02/08/06	EPA 310.1M	
Chloride	262	5.00	"	10	EB61016	02/09/06	02/09/06	EPA 300.0	
Total Dissolved Solids	1080	5.00	"	1	EB61019	02/09/06	02/10/06	EPA 160.1	
Sulfate	201	5.00	"	10	EB61016	02/09/06	02/09/06	EPA 300.0	
Monitor Well #2 (6B08011-02) Water									
Total Alkalinity	216	2.00	mg/L	1	EB60901	02/08/06	02/08/06	EPA 310.1M	
Chloride	250	5.00	"	10	EB61016	02/09/06	02/09/06	EPA 300.0	
Total Dissolved Solids	1090	5.00	"	1	EB61019	02/09/06	02/10/06	EPA 160.1	
Sulfate	220	5.00	"	10	EB61016	02/09/06	02/09/06	EPA 300.0	
Monitor Well #3 (6B08011-03) Water									
Total Alkalinity	188	2.00	mg/L	1	EB60901	02/08/06	02/08/06	EPA 310.1M	
Chloride	119	5.00	"	10	EB61016	02/09/06	02/09/06	EPA 300.0	
Total Dissolved Solids	748	5.00	"	1	EB61019	02/09/06	02/10/06	EPA 160.1	
Sulfate	161	5.00	"	10	EB61016	02/09/06	02/09/06	EPA 300.0	

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

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

Fax: (505) 397-1471

Reported:
02/15/06 11:16

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6B08011-01) Water									
Calcium	60.3	0.100	mg/L	10	EB60903	02/08/06	02/09/06	EPA 6010B	
Magnesium	21.0	0.0100	"	"	"	"	"	"	
Potassium	31.9	0.500	"	"	"	"	"	"	
Sodium	261	0.500	"	50	"	"	"	"	
Monitor Well #2 (6B08011-02) Water									
Calcium	83.2	0.100	mg/L	10	EB60903	02/08/06	02/09/06	EPA 6010B	
Magnesium	29.2	0.0100	"	"	"	"	"	"	
Potassium	11.5	0.500	"	"	"	"	"	"	
Sodium	227	0.500	"	50	"	"	"	"	
Monitor Well #3 (6B08011-03) Water									
Calcium	68.9	0.100	mg/L	10	EB60903	02/08/06	02/09/06	EPA 6010B	
Magnesium	29.0	0.0100	"	"	"	"	"	"	
Potassium	7.59	0.500	"	"	"	"	"	"	
Sodium	151	0.500	"	50	"	"	"	"	

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

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

Fax: (505) 397-1471

Reported:
02/15/06 11:16

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 EB60910 - EPA 5030C (GC)

Blank (EB60910-BLK1)

Prepared: 02/09/06 Analyzed: 02/10/06

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	34.5		ug/l	40.0		86.2	80-120			
Surrogate: 4-Bromofluorobenzene	32.1		"	40.0		80.2	80-120			

LCS (EB60910-BS1)

Prepared: 02/09/06 Analyzed: 02/10/06

Benzene	0.0457	0.00100	mg/L	0.0500		91.4	80-120			
Toluene	0.0496	0.00100	"	0.0500		99.2	80-120			
Ethylbenzene	0.0498	0.00100	"	0.0500		99.6	80-120			
Xylene (p/m)	0.100	0.00100	"	0.100		100	80-120			
Xylene (o)	0.0570	0.00100	"	0.0500		114	80-120			
Surrogate: a,a,a-Trifluorotoluene	35.2		ug/l	40.0		88.0	80-120			
Surrogate: 4-Bromofluorobenzene	32.5		"	40.0		81.2	80-120			

S Dup (EB60910-BS1)

Prepared: 02/09/06 Analyzed: 02/14/06

Benzene	0.0568	0.00100	mg/L	0.0500		114	80-120	22.0	20	QR-02
Toluene	0.0584	0.00100	"	0.0500		117	80-120	16.5	20	
Ethylbenzene	0.0507	0.00100	"	0.0500		101	80-120	1.40	20	
Xylene (p/m)	0.0982	0.00100	"	0.100		98.2	80-120	1.82	20	
Xylene (o)	0.0513	0.00100	"	0.0500		103	80-120	10.1	20	
Surrogate: a,a,a-Trifluorotoluene	39.4		ug/l	40.0		98.5	80-120			
Surrogate: 4-Bromofluorobenzene	32.5		"	40.0		81.2	80-120			

Calibration Check (EB60910-CCV1)

Prepared: 02/09/06 Analyzed: 02/13/06

Benzene	55.0		ug/l	50.0		110	80-120			
Toluene	57.5		"	50.0		115	80-120			
Ethylbenzene	52.8		"	50.0		106	80-120			
Xylene (p/m)	103		"	100		103	80-120			
Xylene (o)	56.6		"	50.0		113	80-120			
Surrogate: a,a,a-Trifluorotoluene	43.5		"	40.0		109	80-120			
Surrogate: 4-Bromofluorobenzene	32.4		"	40.0		81.0	80-120			

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
Reported:
02/15/06 11:16

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 EB60910 - EPA 5030C (GC)

Matrix Spike (EB60910-MS1)

Source: 6B08024-01

Prepared: 02/09/06 Analyzed: 02/10/06

Benzene	0.0426	0.00100	mg/L	0.0500	ND	85.2	80-120			
Toluene	0.0449	0.00100	"	0.0500	ND	89.8	80-120			
Ethylbenzene	0.0432	0.00100	"	0.0500	ND	86.4	80-120			
Xylene (p/m)	0.0841	0.00100	"	0.100	ND	84.1	80-120			
Xylene (o)	0.0416	0.00100	"	0.0500	ND	83.2	80-120			
Surrogate: a,a,a-Trifluorotoluene	38.7		ug/l	40.0		96.8	80-120			
Surrogate: 4-Bromofluorobenzene	47.0		"	40.0		118	80-120			

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

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

Fax: (505) 397-1471
Reported:
02/15/06 11:16

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EB60901 - General Preparation (WetChem)										
Blank (EB60901-BLK1)				Prepared & Analyzed: 02/08/06						
Total Alkalinity	ND	2.00	mg/L							
LCS (EB60901-BS1)				Prepared & Analyzed: 02/08/06						
Bicarbonate Alkalinity	210	2.00	mg/L	200		105	85-115			
Duplicate (EB60901-DUP1)				Source: 6B01010-01		Prepared & Analyzed: 02/08/06				
Total Alkalinity	192	2.00	mg/L		191			0.522	20	
Reference (EB60901-SRM1)				Prepared & Analyzed: 02/08/06						
Total Alkalinity	96.0		mg/L	100		96.0	90-110			
Batch EB61016 - General Preparation (WetChem)										
Blank (EB61016-BLK1)				Prepared & Analyzed: 02/09/06						
Sulfate	ND	0.500	mg/L							
Chloride	ND	0.500	"							
LCS (EB61016-BS1)				Prepared & Analyzed: 02/09/06						
Chloride	9.00	0.500	mg/L	10.0		90.0	80-120			
Sulfate	9.78	0.500	"	10.0		97.8	80-120			
Calibration Check (EB61016-CCV1)				Prepared & Analyzed: 02/09/06						
Sulfate	9.90		mg/L	10.0		99.0	80-120			
Chloride	9.16		"	10.0		91.6	80-120			
Duplicate (EB61016-DUP1)				Source: 6B09004-01		Prepared & Analyzed: 02/09/06				
Chloride	492	5.00	mg/L		491			0.203	20	
Sulfate	91.3	5.00	"		91.1			0.219	20	

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

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

Fax: (505) 397-1471

Reported:
02/15/06 11:16

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 EB61019 - General Preparation (WetChem)

Blank (EB61019-BLK1)

Prepared: 02/09/06 Analyzed: 02/10/06

Total Dissolved Solids	ND	5.00	mg/L							
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Duplicate (EB61019-DUP1)

Source: 6B08011-01

Prepared: 02/09/06 Analyzed: 02/10/06

Total Dissolved Solids	1040	5.00	mg/L		1080			3.77	5	
------------------------	------	------	------	--	------	--	--	------	---	--

Duplicate (EB61019-DUP2)

Source: 6B09004-03

Prepared: 02/09/06 Analyzed: 02/10/06

Total Dissolved Solids	1080	5.00	mg/L		1050			2.82	5	
------------------------	------	------	------	--	------	--	--	------	---	--

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

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

Fax: (505) 397-1471
Reported:
02/15/06 11:16

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 EB60903 - 6010B/No Digestion

Blank (EB60903-BLK1)

Prepared: 02/08/06 Analyzed: 02/09/06

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

Calibration Check (EB60903-CCV1)

Prepared: 02/08/06 Analyzed: 02/09/06

Calcium	2.06		mg/L	2.00		103	85-115			
Magnesium	2.05		"	2.00		102	85-115			
Potassium	1.92		"	2.00		96.0	85-115			
Sodium	1.90		"	2.00		95.0	85-115			

Duplicate (EB60903-DUP1)

Source: 6B01010-01

Prepared: 02/08/06 Analyzed: 02/09/06

Calcium	62.1	0.100	mg/L		61.2			1.46	20	
Magnesium	43.5	0.0100	"		44.8			2.94	20	
Potassium	10.3	0.500	"		10.4			0.966	20	
Sodium	161	0.500	"		157			2.52	20	

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

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

Fax: (505) 397-1471
Reported:
02/15/06 11:16

Notes and Definitions

QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

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: 2/15/2006

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

Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

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

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Kristin Farris Pope kpriceswd@valornet.com

Company Name RICE Operating Company

Company Address: 122 W. Taylor Street

City/State/Zip: Hobbs, New Mexico 88240

Telephone No: (505) 393-9174

Fax No: (505) 397-1471

Sampler Signature: Rozanne Johnson (505) 631-9310

Email: rozanne@valomet.com

Fax No: (505) 397-1471

[illegible]

Special Instructions:

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

Retracted by:

~~Rozanne Johnson~~

Relinquished by:

Received by:

Date	Time
------	------

Received by ELQI

Date	Time
------	------

Laboratory Comments:

Y

Laboratory Comments:

Y

Environmental Lab of Texas

Variance / Corrective Action Report – Sample Log-In

Client: Rice Op.
 Date/Time: 2/8/06 9:00
 Order #: 10B08011
 Initials: CK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	7.5	C
Shipping container/cooler in good condition?	Yes	No		
Custody Seals intact on shipping container/cooler?	Yes	No	Not present	
Custody Seals intact on sample bottles?	Yes	No	Not present	
Chain of custody present?	Yes	No		
Sample Instructions complete on Chain of Custody?	Yes	No		
Chain of Custody signed when relinquished and received?	Yes	No		
Chain of custody agrees with sample label(s)	Yes	No		
Container labels legible and intact?	Yes	No		
Sample Matrix and properties same as on chain of custody?	Yes	No		
Samples in proper container/bottle?	Yes	No		
Samples properly preserved?	Yes	No		
Sample bottles intact?	Yes	No		
Preservations documented on Chain of Custody?	Yes	No		
Containers documented on Chain of Custody?	Yes	No		
Sufficient sample amount for indicated test?	Yes	No		
All samples received within sufficient hold time?	Yes	No		
VOC samples have zero headspace?	Yes	No	Not Applicable	

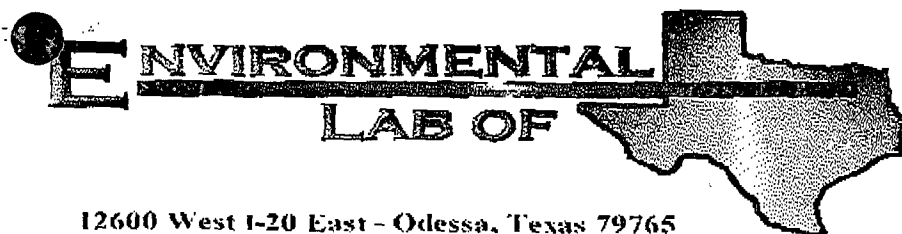
Other observations:

Water samples not frozen

Variance Documentation:

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

Corrective Action Taken:



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Kristin Farris-Pope

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: BD Jct. J-26

Project Number: None Given

Location: Lea County

Lab Order Number: 6E11015

Report Date: 05/17/06

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

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

Fax: (505) 397-1471

Reported:
05/17/06 14:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Monitor Well #1	6E11015-01	Water	05/08/06 10:45	05/11/06 14:30
Monitor Well #2	6E11015-02	Water	05/08/06 12:25	05/11/06 14:30
Monitor Well #3	6E11015-03	Water	05/08/06 11:40	05/11/06 14:30

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

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

Fax: (505) 397-1471

Reported:
05/17/06 14:41

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6E11015-01) Water									
Benzene	ND	0.00100	mg/L	1	EE61222	05/12/06	05/12/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		96.0 %	80-120	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		82.8 %	80-120	"	"	"	"	"	
Monitor Well #2 (6E11015-02) Water									
Benzene	ND	0.00100	mg/L	1	EE61222	05/12/06	05/12/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		92.2 %	80-120	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		82.8 %	80-120	"	"	"	"	"	
Monitor Well #3 (6E11015-03) Water									
Benzene	ND	0.00100	mg/L	1	EE61222	05/12/06	05/12/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		88.5 %	80-120	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.2 %	80-120	"	"	"	"	"	

Environmental Lab of Texas

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Page 2 of 10

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

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

Fax: (505) 397-1471

Reported:
05/17/06 14:41

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6E11015-01) Water									
Total Alkalinity	206	2.00	mg/L	1	EE61212	05/12/06	05/12/06	EPA 310.1M	
Chloride	282	10.0	"	20	EE61226	05/12/06	05/12/06	EPA 300.0	
Total Dissolved Solids	1140	5.00	"	1	EE61211	05/12/06	05/12/06	EPA 160.1	
Sulfate	209	10.0	"	20	EE61226	05/12/06	05/12/06	EPA 300.0	
Monitor Well #2 (6E11015-02) Water									
Total Alkalinity	216	2.00	mg/L	1	EE61212	05/12/06	05/12/06	EPA 310.1M	
Chloride	332	10.0	"	20	EE61226	05/12/06	05/12/06	EPA 300.0	
Total Dissolved Solids	1500	5.00	"	1	EE61211	05/12/06	05/12/06	EPA 160.1	
Sulfate	230	10.0	"	20	EE61226	05/12/06	05/12/06	EPA 300.0	
Monitor Well #3 (6E11015-03) Water									
Total Alkalinity	186	2.00	mg/L	1	EE61212	05/12/06	05/12/06	EPA 310.1M	
Chloride	142	5.00	"	10	EE61226	05/12/06	05/12/06	EPA 300.0	
Total Dissolved Solids	806	5.00	"	1	EE61211	05/12/06	05/12/06	EPA 160.1	
Sulfate	168	5.00	"	10	EE61226	05/12/06	05/12/06	EPA 300.0	

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

Reported:
05/17/06 14:41

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6E11015-01) Water									
Calcium	70.4	0.100	mg/L	10	EE61503	05/15/06	05/15/06	EPA 6010B	
Magnesium	23.2	0.0100	"	"	"	"	"	"	
Potassium	30.9	0.500	"	"	"	"	"	"	
Sodium	282	0.500	"	50	"	"	"	"	
Monitor Well #2 (6E11015-02) Water									
Calcium	91.8	0.100	mg/L	10	EE61503	05/15/06	05/15/06	EPA 6010B	
Magnesium	31.3	0.0100	"	"	"	"	"	"	
Potassium	12.8	0.500	"	"	"	"	"	"	
Sodium	246	0.500	"	50	"	"	"	"	
Monitor Well #3 (6E11015-03) Water									
Calcium	70.1	0.100	mg/L	10	EE61503	05/15/06	05/15/06	EPA 6010B	
Magnesium	29.8	0.0100	"	"	"	"	"	"	
Potassium	7.68	0.500	"	"	"	"	"	"	
Sodium	145	0.500	"	50	"	"	"	"	

Environmental Lab of Texas

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

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

Fax: (505) 397-1471

Reported:
05/17/06 14:41

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE61222 - EPA 5030C (GC)										
Blank (EE61222-BLKI)				Prepared & Analyzed: 05/12/06						
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	34.8		ug/l	40.0		87.0	80-120			
Surrogate: 4-Bromofluorobenzene	33.7		"	40.0		84.2	80-120			
LCS (EE61222-BS1)				Prepared & Analyzed: 05/12/06						
Benzene	0.0495	0.00100	mg/L	0.0500		99.0	80-120			
Toluene	0.0512	0.00100	"	0.0500		102	80-120			
Ethylbenzene	0.0495	0.00100	"	0.0500		99.0	80-120			
Xylene (p/m)	0.116	0.00100	"	0.100		116	80-120			
Xylene (o)	0.0568	0.00100	"	0.0500		114	80-120			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	33.6		ug/l	40.0		84.0	80-120			
Surrogate: 4-Bromofluorobenzene	39.1		"	40.0		97.8	80-120			
Calibration Check (EE61222-CCV1)				Prepared: 05/12/06 Analyzed: 05/15/06						
Benzene	53.9		ug/l	50.0		108	80-120			
Toluene	53.4		"	50.0		107	80-120			
Ethylbenzene	57.5		"	50.0		115	80-120			
Xylene (p/m)	114		"	100		114	80-120			
Xylene (o)	56.5		"	50.0		113	80-120			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	40.5		"	40.0		101	80-120			
Surrogate: 4-Bromofluorobenzene	39.6		"	40.0		99.0	80-120			
Matrix Spike (EE61222-MS1)				Source: 6E11015-01 Prepared & Analyzed: 05/12/06						
Benzene	0.0487	0.00100	mg/L	0.0500	ND	97.4	80-120			
Toluene	0.0502	0.00100	"	0.0500	ND	100	80-120			
Ethylbenzene	0.0521	0.00100	"	0.0500	ND	104	80-120			
Xylene (p/m)	0.113	0.00100	"	0.100	ND	113	80-120			
Xylene (o)	0.0552	0.00100	"	0.0500	ND	110	80-120			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	37.0		ug/l	40.0		92.5	80-120			
Surrogate: 4-Bromofluorobenzene	40.3		"	40.0		101	80-120			

Environmental Lab of Texas

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

Project: BD Jet, I-26
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
05/17/06 14:41

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE61222 - EPA 5030C (GC)										
Matrix Spike Dup (EE61222-MSD1)										
Source: 6E11015-01 Prepared & Analyzed: 05/12/06										
Benzene	0.0491	0.00100	mg/L	0.0500	ND	98.2	80-120	0.818	20	
Toluene	0.0511	0.00100	"	0.0500	ND	102	80-120	1.98	20	
Ethylbenzene	0.0526	0.00100	"	0.0500	ND	105	80-120	0.957	20	
Xylene (p/m)	0.116	0.00100	"	0.100	ND	116	80-120	2.62	20	
Xylene (o)	0.0570	0.00100	"	0.0500	ND	114	80-120	3.57	20	
Surrogate: <i>a,a</i> -Trifluorotoluene	38.0		ug/l	40.0		95.0	80-120			
Surrogate: 4-Bromofluorobenzene	39.7		"	40.0		99.2	80-120			

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

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

Fax: (505) 397-1471

Reported:
05/17/06 14:41

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 EE61211 - Filtration Preparation

Blank (EE61211-BLK1)

Prepared & Analyzed: 05/12/06

Total Dissolved Solids	ND	5.00	mg/L							
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Duplicate (EE61211-DUP1)

Source: 6E11002-01

Prepared & Analyzed: 05/12/06

Total Dissolved Solids	10800	5.00	mg/L		11000			1.83	5	
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Batch EE61212 - General Preparation (WetChem)

Blank (EE61212-BLK1)

Prepared & Analyzed: 05/12/06

Total Alkalinity	ND	2.00	mg/L							
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Duplicate (EE61212-DUP1)

Source: 6E11002-01

Prepared & Analyzed: 05/12/06

Total Alkalinity	145	2.00	mg/L		146			0.687	20	
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Reference (EE61212-SRM1)

Prepared & Analyzed: 05/12/06

Total Alkalinity	96.0		mg/L	100		96.0	90-110			
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Batch EE61226 - General Preparation (WetChem)

Blank (EE61226-BLK1)

Prepared & Analyzed: 05/12/06

Chloride	ND	0.500	mg/L							
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Sulfate	ND	0.500	"							
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LCS (EE61226-BS1)

Prepared & Analyzed: 05/12/06

Sulfate	8.23		mg/L	10.0		82.3	80-120			
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Chloride	10.1		"	10.0		101	80-120			
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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

Reported:
05/17/06 14:41

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE61226 - General Preparation (WetChem)										
Calibration Check (EE61226-CCV1)				Prepared & Analyzed: 05/12/06						
Chloride	10.9		mg/L	10.0		109	80-120			
Sulfate	10.0		"	10.0		100	80-120			
Duplicate (EE61226-DUP1)				Source: 6E11011-01		Prepared & Analyzed: 05/12/06				
Sulfate	321	10.0	mg/L		322			0.311	20	
Chloride	324	10.0	"		326			0.615	20	
Duplicate (EE61226-DUP2)				Source: 6E11017-01		Prepared & Analyzed: 05/12/06				
Sulfate	300	10.0	mg/L		300			0.00	20	
Chloride	142	10.0	"		143			0.702	20	
Matrix Spike (EE61226-MS1)				Source: 6E11011-01		Prepared & Analyzed: 05/12/06				
Chloride	557	10.0	mg/L	200	326	116	75-125			
Sulfate	552	10.0	"	200	322	115	75-125			
Matrix Spike (EE61226-MS2)				Source: 6E11017-01		Prepared & Analyzed: 05/12/06				
Sulfate	499	10.0	mg/L	200	300	99.5	75-125			
Chloride	358	10.0	"	200	143	108	75-125			

Environmental Lab of Texas

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

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

Fax: (505) 397-1471

Reported:
05/17/06 14:41

Total Metals by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch EE61503 - 6010B/No Digestion

Blank (EE61503-BLK1)

Prepared & Analyzed: 05/15/06

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

Calibration Check (EE61503-CCV1)

Prepared & Analyzed: 05/15/06

Calcium	2.13		mg/L	2.00		106	85-115		
Magnesium	2.19		"	2.00		110	85-115		
Potassium	1.72		"	2.00		86.0	85-115		
Sodium	1.72		"	2.00		86.0	85-115		

Duplicate (EE61503-DUP1)

Source: 6E11002-01

Prepared & Analyzed: 05/15/06

Calcium	1080	2.00	mg/L		1130		4.52	20	
Magnesium	240	0.0500	"		225		6.45	20	
Potassium	69.7	2.50	"		71.7		2.83	20	
Sodium	2660	5.00	"		2590		2.67	20	

Environmental Lab of Texas

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

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

Fax: (505) 397-1471
Reported:
05/17/06 14:41

Notes and Definitions

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

Report Approved By:

Raland K. Tuttle

Date:

5/17/2006

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

Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
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.

**12800 West 120 East
Odessa, Texas 79766**
Phone: 432-583-1800
Fax: 432-583-1713

Email: rozanne@valor.net.com

[Handwritten signature]

10

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

[illegible]

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

Rice Op.

Date/Time: 2/11/06 2:30

Order #: 6E1015

Initials: OK

Sample Receipt Checklist

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

Other observations:

Variance Documentation:

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

Corrective Action Taken:



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
155 McCutcheon, Suite H El Paso, Texas 79932 888•588•3443 915•585•3443 FAX 915•585•4944
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Kristin Farris-Pope
Rice Operating Company
122 W Taylor Street
Hobbs, NM, 88240

Report Date: August 14, 2006

Work Order: 6080433



Project Location: Lea County, NM
Project Name: BD Junction J-26
Project Number: BD Junction J-26

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
98085	Monitor Well #1	water	2006-08-01	09:45	2006-08-04
98086	Monitor Well #2	water	2006-08-01	10:25	2006-08-04
98087	Monitor Well #3	water	2006-08-01	08:35	2006-08-04

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 11 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

Analytical Report

Sample: 98085 - Monitor Well #1

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	28833	Date Analyzed:	2006-08-09	Analyzed By:	LJ
Prep Batch:	25223	Sample Preparation:	2006-08-09	Prepared By:	LJ

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<1.00	mg/L as CaCo3	1	1.00
Carbonate Alkalinity		<1.00	mg/L as CaCo3	1	1.00
Bicarbonate Alkalinity		226	mg/L as CaCo3	1	4.00
Total Alkalinity		226	mg/L as CaCo3	1	4.00

Sample: 98085 - Monitor Well #1

Analysis:	Cations	Analytical Method:	S 6010B	Prep Method:	S 3005A
QC Batch:	28832	Date Analyzed:	2006-08-08	Analyzed By:	TP
Prep Batch:	25184	Sample Preparation:	2006-08-08	Prepared By:	TS

Parameter	Flag	RL Result	Units	Dilution	RL
Dissolved Calcium		86.2	mg/L	1	0.500
Dissolved Potassium		41.6	mg/L	1	1.00
Dissolved Magnesium		23.9	mg/L	1	1.00
Dissolved Sodium		225	mg/L	10	1.00

Sample: 98085 - Monitor Well #1

Analysis:	Ion Chromatography	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	28876	Date Analyzed:	2006-08-08	Analyzed By:	WB
Prep Batch:	25190	Sample Preparation:	2006-08-07	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		218	mg/L	5	0.500
Sulfate		248	mg/L	5	0.500

Sample: 98085 - Monitor Well #1

Analysis:	TDS	Analytical Method:	SM 2540C	Prep Method:	N/A
QC Batch:	28837	Date Analyzed:	2006-08-09	Analyzed By:	SM
Prep Batch:	25195	Sample Preparation:	2009-08-08	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Total Dissolved Solids		1126	mg/L	2	10.00

Sample: 98086 - Monitor Well #2

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	28833	Date Analyzed:	2006-08-09	Analyzed By:	LJ
Prep Batch:	25223	Sample Preparation:	2006-08-09	Prepared By:	LJ

Parameter	Flag	RL		Dilution	RL
		Result	Units		
Hydroxide Alkalinity		<1.00	mg/L as CaCo3	1	1.00
Carbonate Alkalinity		<1.00	mg/L as CaCo3	1	1.00
Bicarbonate Alkalinity		216	mg/L as CaCo3	1	4.00
Total Alkalinity		216	mg/L as CaCo3	1	4.00

Sample: 98086 - Monitor Well #2

Analysis:	Cations	Analytical Method:	S 6010B	Prep Method:	S 3005A
QC Batch:	28832	Date Analyzed:	2006-08-08	Analyzed By:	TP
Prep Batch:	25184	Sample Preparation:	2006-08-08	Prepared By:	TS

Parameter	Flag	RL		Dilution	RL
		Result	Units		
Dissolved Calcium		144	mg/L	10	0.500
Dissolved Potassium		18.3	mg/L	1	1.00
Dissolved Magnesium		42.4	mg/L	1	1.00
Dissolved Sodium		241	mg/L	10	1.00

Sample: 98086 - Monitor Well #2

Analysis:	Ion Chromatography	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	28876	Date Analyzed:	2006-08-08	Analyzed By:	WB
Prep Batch:	25190	Sample Preparation:	2006-08-07	Prepared By:	WB

Parameter	Flag	RL		Dilution	RL
		Result	Units		
Chloride		387	mg/L	50	0.500
Sulfate		247	mg/L	5	0.500

Sample: 98086 - Monitor Well #2

Analysis:	TDS	Analytical Method:	SM 2540C	Prep Method:	N/A
QC Batch:	28837	Date Analyzed:	2006-08-09	Analyzed By:	SM
Prep Batch:	25195	Sample Preparation:	2009-08-08	Prepared By:	SM

Parameter	Flag	RL		Dilution	RL
		Result	Units		
Total Dissolved Solids		1358	mg/L	2	10.00

Sample: 98087 - Monitor Well #3

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	28833	Date Analyzed:	2006-08-09	Analyzed By:	LJ
Prep Batch:	25223	Sample Preparation:	2006-08-09	Prepared By:	LJ

Parameter	Flag	RL		Dilution	RL
		Result	Units		
Hydroxide Alkalinity		<1.00	mg/L as CaCo3	1	1.00
Carbonate Alkalinity		<1.00	mg/L as CaCo3	1	1.00
Bicarbonate Alkalinity		208	mg/L as CaCo3	1	4.00
Total Alkalinity		208	mg/L as CaCo3	1	4.00

Sample: 98087 - Monitor Well #3

Analysis:	Cations	Analytical Method:	S 6010B	Prep Method:	S 3005A
QC Batch:	28832	Date Analyzed:	2006-08-08	Analyzed By:	TP
Prep Batch:	25184	Sample Preparation:	2006-08-08	Prepared By:	TS

Parameter	Flag	RL		Dilution	RL
		Result	Units		
Dissolved Calcium		91.8	mg/L	1	0.500
Dissolved Potassium		10.4	mg/L	1	1.00
Dissolved Magnesium		33.0	mg/L	1	1.00
Dissolved Sodium		140	mg/L	10	1.00

Sample: 98087 - Monitor Well #3

Analysis:	Ion Chromatography	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	28876	Date Analyzed:	2006-08-08	Analyzed By:	WB
Prep Batch:	25190	Sample Preparation:	2006-08-07	Prepared By:	WB

Parameter	Flag	RL		Dilution	RL
		Result	Units		
Chloride		141	mg/L	5	0.500
Sulfate		190	mg/L	10	0.500

Sample: 98087 - Monitor Well #3

Analysis:	TDS	Analytical Method:	SM 2540C	Prep Method:	N/A
QC Batch:	28837	Date Analyzed:	2006-08-09	Analyzed By:	SM
Prep Batch:	25195	Sample Preparation:	2009-08-08	Prepared By:	SM

Parameter	Flag	RL		Dilution	RL
		Result	Units		
Total Dissolved Solids		876.0	mg/L	2	10.00

Method Blank (1) QC Batch: 28832

QC Batch: 28832
Prep Batch: 25184

Date Analyzed: 2006-08-08
QC Preparation: 2006-08-08

Analyzed By: TP
Prepared By: TS

Parameter	Flag	MDL Result	Units	RL
Dissolved Calcium		<0.0950	mg/L	0.5
Dissolved Potassium		0.763	mg/L	1
Dissolved Magnesium		<0.704	mg/L	1
Dissolved Sodium		0.640	mg/L	1

Method Blank (1) QC Batch: 28833

QC Batch: 28833
Prep Batch: 25223

Date Analyzed: 2006-08-09
QC Preparation: 2006-08-09

Analyzed By: LJ
Prepared By: LJ

Parameter	Flag	MDL Result	Units	RL
Hydroxide Alkalinity		<1.00	mg/L as CaCo3	1
Carbonate Alkalinity		<1.00	mg/L as CaCo3	1
Bicarbonate Alkalinity		<4.00	mg/L as CaCo3	4
Total Alkalinity		<4.00	mg/L as CaCo3	4

Method Blank (1) QC Batch: 28837

QC Batch: 28837
Prep Batch: 25195

Date Analyzed: 2006-08-09
QC Preparation: 2006-08-08

Analyzed By: SM
Prepared By: SM

Parameter	Flag	MDL Result	Units	RL
Total Dissolved Solids		<5.000	mg/L	10

Method Blank (1) QC Batch: 28876

QC Batch: 28876
Prep Batch: 25190

Date Analyzed: 2006-08-08
QC Preparation: 2006-08-07

Analyzed By: WB
Prepared By: WB

Parameter	Flag	MDL Result	Units	RL
Chloride		<0.0181	mg/L	0.5
Sulfate		<0.0485	mg/L	0.5

Duplicates (1)

QC Batch: 28833
Prep Batch: 25223

Date Analyzed: 2006-08-09
QC Preparation: 2006-08-09

Analyzed By: LJ
Prepared By: LJ

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Hydroxide Alkalinity	<1.00	<1.00	mg/L as CaCo3	1	0	20
Carbonate Alkalinity	<1.00	<1.00	mg/L as CaCo3	1	0	20
Bicarbonate Alkalinity	24.0	26.0	mg/L as CaCo3	1	8	12.6
Total Alkalinity	24.0	26.0	mg/L as CaCo3	1	8	11.5

Duplicates (1)

QC Batch: 28837
Prep Batch: 25195

Date Analyzed: 2006-08-09
QC Preparation: 2006-08-08

Analyzed By: SM
Prepared By: SM

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Total Dissolved Solids	1045	900.0	mg/L	5	15	17.2

Laboratory Control Spike (LCS-1)

QC Batch: 28832
Prep Batch: 25184

Date Analyzed: 2006-08-08
QC Preparation: 2006-08-08

Analyzed By: TP
Prepared By: TS

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Dissolved Calcium	53.1	mg/L	1	50.0	<0.0950	106	85 - 115
Dissolved Potassium	53.4	mg/L	1	50.0	<0.377	107	85 - 113
Dissolved Magnesium	47.2	mg/L	1	50.0	<0.704	94	85 - 113
Dissolved Sodium	52.4	mg/L	1	50.0	<0.261	105	85 - 111

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Dissolved Calcium	56.0	mg/L	1	50.0	<0.0950	106	85 - 115	5	20
Dissolved Potassium	51.0	mg/L	1	50.0	<0.377	107	85 - 113	5	20
Dissolved Magnesium	51.7	mg/L	1	50.0	<0.704	94	85 - 113	9	20
Dissolved Sodium	51.8	mg/L	1	50.0	<0.261	105	85 - 111	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 28876
Prep Batch: 25190

Date Analyzed: 2006-08-08
QC Preparation: 2006-08-07

Analyzed By: WB
Prepared By: WB

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	11.9	mg/L	1	12.5	<0.0181	95	90 - 110
Sulfate	11.8	mg/L	1	12.5	<0.0485	94	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	11.8	mg/L	1	12.5	<0.0181	95	90 - 110	1	20
Sulfate	11.8	mg/L	1	12.5	<0.0485	94	90 - 110	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 98760

QC Batch: 28832
Prep Batch: 25184

Date Analyzed: 2006-08-08
QC Preparation: 2006-08-08

Analyzed By: TP
Prepared By: TS

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Dissolved Calcium	106	mg/L	1	50.0	49.7	113	68.4 - 138
Dissolved Potassium	57.1	mg/L	1	50.0	2.84	108	82 - 129
Dissolved Magnesium	53.5	mg/L	1	50.0	2.25	102	61.2 - 135
Dissolved Sodium	80.5	mg/L	1	50.0	25.3	110	81.8 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Dissolved Calcium	108	mg/L	1	50.0	49.7	117	68.4 - 138	2	20
Dissolved Potassium	55.0	mg/L	1	50.0	2.84	104	82 - 129	4	20
Dissolved Magnesium	54.6	mg/L	1	50.0	2.25	105	61.2 - 135	2	20
Dissolved Sodium	77.4	mg/L	1	50.0	25.3	104	81.8 - 125	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 98719

QC Batch: 28876
Prep Batch: 25190

Date Analyzed: 2006-08-08
QC Preparation: 2006-08-07

Analyzed By: WB
Prepared By: WB

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	108	mg/L	5	12.5	48	96	25.4 - 171
Sulfate	131	mg/L	5	12.5	72.9	93	0 - 677

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	105	mg/L	5	12.5	48	91	25.4 - 171	3	20
Sulfate	129	mg/L	5	12.5	72.9	79	0 - 677	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Standard (ICV-1)

QC Batch: 28832

Date Analyzed: 2006-08-08

Analyzed By: TP

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Dissolved Calcium		mg/L	50.0	53.2	106	90 - 110	2006-08-08
Dissolved Potassium		mg/L	50.0	48.6	97	90 - 110	2006-08-08
Dissolved Magnesium		mg/L	50.0	50.4	101	90 - 110	2006-08-08
Dissolved Sodium		mg/L	50.0	49.5	99	90 - 110	2006-08-08

Standard (CCV-1)

QC Batch: 28832

Date Analyzed: 2006-08-08

Analyzed By: TP

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Dissolved Calcium		mg/L	50.0	53.0	106	90 - 110	2006-08-08
Dissolved Potassium		mg/L	50.0	49.5	99	90 - 110	2006-08-08
Dissolved Magnesium		mg/L	50.0	48.8	98	90 - 110	2006-08-08
Dissolved Sodium		mg/L	50.0	52.1	104	90 - 110	2006-08-08

Standard (ICV-1)

QC Batch: 28833

Date Analyzed: 2006-08-09

Analyzed By: LJ

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Alkalinity		mg/L as CaCo3	250	246	98	90 - 110	2006-08-09

Standard (CCV-1)

QC Batch: 28833

Date Analyzed: 2006-08-09

Analyzed By: LJ

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Alkalinity		mg/L as CaCo3	250	240	96	90 - 110	2006-08-09

Standard (ICV-1)

QC Batch: 28837

Date Analyzed: 2006-08-09

Analyzed By: SM

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Dissolved Solids		mg/L	1000	1037	104	90 - 110	2006-08-09

Standard (CCV-1)

QC Batch: 28837

Date Analyzed: 2006-08-09

Analyzed By: SM

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Dissolved Solids		mg/L	1000	1022	102	90 - 110	2006-08-09

Standard (ICV-1)

QC Batch: 28876

Date Analyzed: 2006-08-08

Analyzed By: WB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	11.4	91	90 - 110	2006-08-08
Sulfate		mg/L	12.5	11.3	90	90 - 110	2006-08-08

Standard (CCV-1)

QC Batch: 28876

Date Analyzed: 2006-08-08

Analyzed By: WB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	11.9	95	90 - 110	2006-08-08
Sulfate		mg/L	12.5	11.8	94	90 - 110	2006-08-08

Submission of samples constitutes agreement to Terms and Conditions listed on reverse side of COC

Cation-Anion Balance Sheet

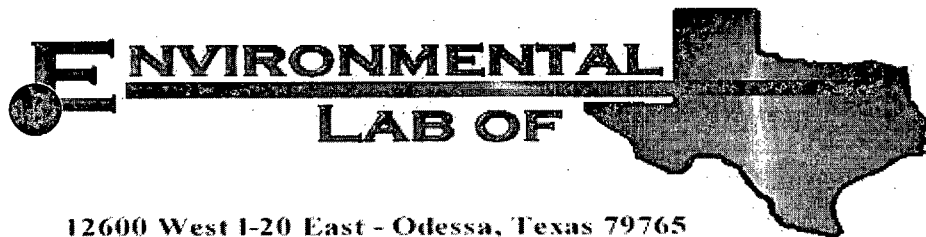
DATE: 8/16/2006

Sample #	Calcium ppm	Magnesium ppm	Sodium ppm	Potassium ppm	Alkalinity ppm	Sulfate ppm	Chloride ppm	Nitrate ppm	Fluoride ppm	TDS ppm	EC µMHOs/cm
98085	86.2	23.9	225	41.6	226	248	217.755			1130	
98086	144	42.4	241	18.3	216	247	387			1960	
98087	91.8	33	140	10.4	208	190	140.922			876	

Sample #	Calcium in meq/L	Magnesium in meq/L	Sodium in meq/L	Potassium in meq/L	Alkalinity in meq/L	Sulfate in meq/L	Chloride in meq/L	Nitrate in meq/L	Fluoride in meq/L	Cations in meq/L	Anions in meq/L	Percentage Error
98085	4.30	1.97	9.79	1.06	4.52	5.16	6.14			17.12	15.83	7.85
98086	7.19	3.49	10.48	0.47	4.32	5.14	10.92			21.63	20.38	5.93
98087	4.58	2.72	6.09	0.27	4.16	3.96	3.98			13.65	12.09	12.13

EC/Cation	EC/Anion	range	to	to	0	0	0	0	0	0	0	0
98085		range										needs to be 0.55-0.77
98086		range										needs to be 0.55-0.77
98087		range										needs to be 0.55-0.77

TDS/EC	TDS/Cat	TDS/Anion
	0.86	0.71
	0.63	0.67
	0.64	0.72



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Kristin Farris-Pope

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: BD Jct. J-26

Project Number: None Given

Location: T21S- R37E- Sec. 26 J, Lea County, NM

Lab Order Number: 6J25004

Report Date: 10/31/06

Rice Operating Co.
122 W. Taylor
Jobbs 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	6J25004-01	Water	10/23/06 10:25	10-25-2006 09:35
Monitor Well #2	6J25004-02	Water	10/23/06 11:10	10-25-2006 09:35
Monitor Well #3	6J25004-03	Water	10/23/06 09:45	10-25-2006 09:35

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
Environmental Lab of Texas

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Monitor Well #1 (6J25004-01) Water										
Total Alkalinity	244	2.00	mg/L	1	EJ62401	10/25/06	10/25/06	EPA 310.1M		
Chloride	193	5.00	"	10	EJ62511	10/25/06	10/26/06	EPA 300.0		
Total Dissolved Solids	1010	10.0	"	1	EJ62601	10/25/06	10/26/08	EPA 160.1		
Sulfate	263	5.00	"	10	EJ62511	10/25/06	10/26/06	EPA 300.0		
Monitor Well #2 (6J25004-02) Water										
Total Alkalinity	224	2.00	mg/L	1	EJ62401	10/25/06	10/25/06	EPA 310.1M		
Chloride	395	12.5	"	25	EJ62511	10/25/06	10/26/06	EPA 300.0		
Total Dissolved Solids	1370	10.0	"	1	EJ62601	10/25/06	10/26/08	EPA 160.1		
Sulfate	231	12.5	"	25	EJ62511	10/25/06	10/26/06	EPA 300.0		
Monitor Well #3 (6J25004-03) Water										
Total Alkalinity	230	2.00	mg/L	1	EJ62401	10/25/06	10/25/06	EPA 310.1M		
Chloride	147	5.00	"	10	EJ62511	10/25/06	10/26/06	EPA 300.0		
Total Dissolved Solids	834	10.0	"	1	EJ62601	10/25/06	10/26/08	EPA 160.1		
Sulfate	206	5.00	"	10	EJ62511	10/25/06	10/26/06	EPA 300.0		

Rice Operating Co.
122 W. Taylor
Jobbs 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
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Monitor Well #1 (6J25004-01) Water

Calcium	90.1	4.05	mg/L	50	EJ62514	10/25/06	10/25/06	EPA 6010B	
Magnesium	25.6	0.360	"	10	"	"	"	"	
Potassium	33.1	0.600	"	"	"	"	"	"	
Sodium	189	2.15	"	50	"	"	"	"	

Monitor Well #2 (6J25004-02) Water

Calcium	154	4.05	mg/L	50	EJ62514	10/25/06	10/25/06	EPA 6010B	
Magnesium	57.1	1.80	"	"	"	"	"	"	
Potassium	11.6	0.600	"	10	"	"	"	"	
Sodium	223	2.15	"	50	"	"	"	"	

Monitor Well #3 (6J25004-03) Water

Calcium	85.4	0.810	mg/L	10	EJ62514	10/25/06	10/25/06	EPA 6010B	
Magnesium	34.4	0.360	"	"	"	"	"	"	
Potassium	7.31	0.600	"	"	"	"	"	"	
Sodium	125	2.15	"	50	"	"	"	"	

Rice Operating Co.
122 W. Taylor
Odessa 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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ62401 - General Preparation (WetChem)										
Blank (EJ62401-BLK1)				Prepared & Analyzed: 10/24/06						
Total Alkalinity	ND	2.00	mg/L							
Duplicate (EJ62401-DUP1)				Source: 6J19010-01		Prepared & Analyzed: 10/24/06				
Total Alkalinity	270	2.00	mg/L		272			0.738	20	
Reference (EJ62401-SRM1)				Prepared & Analyzed: 10/24/06						
Total Alkalinity	248		mg/L	250		99.2	90-110			
Batch EJ62511 - General Preparation (WetChem)										
Blank (EJ62511-BLK1)				Prepared: 10/25/06 Analyzed: 10/26/06						
Chloride	ND	0.500	mg/L							
Sulfate	ND	0.500	"							
LCS (EJ62511-BS1)				Prepared: 10/25/06 Analyzed: 10/26/06						
Chloride	10.8	0.500	mg/L	10.0		108	80-120			
Sulfate	10.3	0.500	"	10.0		103	80-120			
Calibration Check (EJ62511-CCV1)				Prepared: 10/25/06 Analyzed: 10/26/06						
Chloride	11.3		mg/L	10.0		113	80-120			
Sulfate	10.7		"	10.0		107	80-120			
Duplicate (EJ62511-DUP1)				Source: 6J25003-01		Prepared: 10/25/06 Analyzed: 10/26/06				
Chloride	384	12.5	mg/L		379			1.31	20	
Sulfate	332	12.5	"		340			2.38	20	
Matrix Spike (EJ62511-MS1)				Source: 6J25003-01		Prepared: 10/25/06 Analyzed: 10/26/06				
Sulfate	567	12.5	mg/L	250	340	90.8	75-125			
Chloride	655	12.5	"	250	379	110	80-120			

Rice Operating Co.
122 W. Taylor
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Project Manager: Kristin Farris-Pope

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch EJ62601 - Filtration Preparation

Duplicate (EJ62601-DUP1)

Source: 6J23008-01

Prepared: 10/25/06 Analyzed: 10/26/08

Total Dissolved Solids	6280	10.0	mg/L		5990		4.73	5	
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Duplicate (EJ62601-DUP2)

Source: 6J25004-01

Prepared: 10/25/06 Analyzed: 10/26/08

Total Dissolved Solids	1040	10.0	mg/L		1010		2.93	5	
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Rice Operating Co.
122 W. Taylor
Odessa 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 - 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 EJ62514 - 6010B/No Digestion

Blank (EJ62514-BLK1)

Prepared & Analyzed: 10/25/06

Calcium	ND	0.0810	mg/L
Magnesium	ND	0.0360	"
Potassium	ND	0.0600	"
Sodium	ND	0.0430	"

Calibration Check (EJ62514-CCV1)

Prepared & Analyzed: 10/25/06

Calcium	2.27		mg/L	2.00	114	85-115
Magnesium	2.08		"	2.00	104	85-115
Potassium	1.79		"	2.00	89.5	85-115
Sodium	1.94		"	2.00	97.0	85-115

Duplicate (EJ62514-DUP1)

Source: 6J25003-01

Prepared & Analyzed: 10/25/06

Calcium	147	4.05	mg/L	150	2.02	20
Magnesium	67.0	1.80	"	69.2	3.23	20
Potassium	10.3	0.600	"	10.2	0.976	20
Sodium	254	2.15	"	250	1.59	20

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

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

Fax: (505) 397-1471

Notes and Definitions

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

Report Approved By:

Raland K. Tuttle

Date:

10/31/2006

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

Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

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.

Environmental Lab of Texas

12800 West 1120 East
Odessa, Texas 79765

Phone: 432-563-1800
Fax: 432-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Kristin Farris Pope kpope@riceswd.com

Project Name:

BD Junction J-26

Company Name: RICE Operating Company

Project Number:

Company Address: 122 W. Taylor Street

Project Loc:

T21S-R37E-Sec26J, Lea County NM

City/State/Zip: Hobbs, New Mexico 88240

PO Number:

Telephone No: (505) 393-9174

Fax No: (505) 397-1471

Sampler Signature: Rozanne Johnson (505) 631-9310

[Signature]

Email: rozanne@valornet.com

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	PRESERVATIVE										MATRIX										ANALYZE FOR:									
					Ice	HNO ₃	HCl (2) 40 ml glass vials	NaOH	H ₂ SO ₄	None (1) 1 Liter HDPE	Other (Specify)	Water	Sludge	Soil	Other (specify):	TPE 418, 1 815M 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO ₄ , CO ₃ , HCO ₃)	SAR / ESP / CEC	Metals: As, Ag, Ba, Cd, Cr, Pb, Hg, Se	Volatiles	Semivolatiles	STEX 80218/5030	RCI	N.O.R.M.	Total Dissolved Solids	RUSH TAT (Pre-Schedule)	Standard TAT						
00175004	Monitor Well #1	10/23/2006	10:25	1	X				1				X				X	X	X					X	X	X								
	Monitor Well #2	10/23/2006	11:10	1	X				1				X				X	X	X					X	X	X								
	Monitor Well #3	10/23/2006	9:45	1	X				1				X				X	X	X					X	X	X								

Special Instructions:

PLEASE Email RESULTS TO: kpope@riceswd.com; mfranks@riceswd.com
rozanne@valornet.com

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

Laboratory Comments: v/label

Relinquished by: <i>[Signature]</i>	Date: 10-25-06	Time: 5:30	Received by: <i>[Signature]</i>	Date: 10-25-06	Time: 5:31
Relinquished by: Rozanne Johnson	Date: 10-25-06	Time: 9:35	Received by: <i>[Signature]</i>	Date: 10-25-06	Time: 9:35

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Rice Op.
 Date/ Time: 10/25/06 9:35
 Lab ID #: 6525004
 Initials: OK

Sample Receipt Checklist

Client Initials

#1	Temperature of container/ cooler?	Yes	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?	Yes	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)?	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?	Yes	No		
#11	Containers supplied by ELOT?	Yes	No		
#12	Samples in proper container/ bottle?	Yes	No	See Below	
#13	Samples properly preserved?	Yes	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)?	Yes	No	See Below	
#18	All samples received within sufficient hold time?	Yes	No	See Below	
#19	VOC samples have zero headspace?	Yes	No	Not Applicable	

Variance Documentation

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

Regarding: _____

Corrective Action Taken: _____

Check all that Apply:

- ☐ See attached e-mail/ fax
☐ Client understands and would like to proceed with analysis
☐ Cooling process had begun shortly after sampling event

ATTACHMENT C

NMOCD Correspondence

From: "Price, Wayne, EMNRD" <wayne.price@state.nm.us>
To: "Gilbert Van Deventer" <gilbertvandeventer@cox.net>
Cc: "Carolyn Haynes" <cdhriceswd@valornet.com>; "Kristin Farris Pope" <kpope@riceswd.com>
Subject: RE: Suspension of BTEX at certain sites
Date: Friday, May 19, 2006 4:47 PM

OCD hereby approves of the request with the following condition:

1. If oil is present, or conditions change that BTEX may be found then the approval is rescinded.
2. This approval is included in all reports.

Please be advised that NMOCD approval of this plan does not relieve the owner/operator of Responsibility should their operations fail to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval does not relieve the owner/operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

From: Gilbert Van Deventer [mailto:gilbertvandeventer@cox.net]
Sent: Friday, May 19, 2006 3:33 PM
To: Price, Wayne, EMNRD
Cc: Carolyn Haynes; Kristin Farris Pope
Subject: Re: Suspension of BTEX at certain sites

The constituents of concern are chlorides and TDS.

Gilbert J. Van Deventer, PG, REM, NMCS
Trident Environmental
Work/Mobile: 432-638-8740
Fax: 413-403-9968
Home: 432-682-0727

----- Original Message -----

From: Price, Wayne, EMNRD <mailto:wayne.price@state.nm.us>
To: gil@rthicksconsult.com
Cc: Carolyn Haynes <mailto:cdhriceswd@valornet.com> ; Kristin Farris Pope <mailto:kpope@riceswd.com>
Sent: Friday, May 19, 2006 1:22 PM
Subject: RE: Suspension of BTEX at certain sites

What are the constituents of concern?

From: Gil Van Deventer [mailto:gil@rthicksconsult.com]
Sent: Friday, April 21, 2006 9:16 AM
To: Price, Wayne, EMNRD
Cc: Carolyn Haynes; Kristin Farris Pope
Subject: Suspension of BTEX at certain sites

Wayne, I just wanted to clarify an issue on some of these Stage 1 and 2 Abatement Plans where we propose suspension of sampling and analyzing for BTEX.

In the NMOCD-approved Stage 1 and 2 Abatement Plan for the EME M-9 SWD site we proposed that "Analysis for BTEX concentrations will be suspended, as each component of BTEX has been below the laboratory method detection limit of 0.001 mg/L since August 22, 2003 (10 consecutive quarters)."

The same goes for the EME P-6 Release site and its two monitoring wells. In the approved Stage 1-2 plan we state: "Analysis for BTEX concentrations should be suspended, as there has been no indication of dissolved hydrocarbons since the groundwater monitoring program began in January 2002 (13 consecutive quarters)." My understanding that the local Hobbs Office is also reviewing this abatement plan.

The same situation would apply to the BD J-26 Junction Box site but we are still within the 30-day public comment period and plan approval by OCD will take a little time after that. In the Stage 1-2 abatement plan for J-26 we state that we will do the following:

- * *Collect depth to water measurements and ground water samples for chloride and TDS analysis from the on site monitoring wells (MW-1, MW-2, MW-3) and area water wells (WW-1, WW-5, WW-8, WW-12, WW-19, WM #138, WM #220, and Wallach #914) on a quarterly frequency.*

With the J-26 site we don't specifically state that we will "suspend BTEX analysis" but that is the intention. Each component of BTEX has been below the laboratory method detection limit of 0.001 mg/L at this site since it began in 2002 (15 quarters).

Please confirm if you are in agreement with the suspension of BTEX sampling on any of these sites as we are about to initiate the second quarter sampling.

Thanks,
Gil

Gilbert J. Van Deventer

R. T. Hicks Consultants, Ltd.

1909 Brunson Ave, Midland TX 79701-6924

432-638-8740 (Office/Mobile) - 413-403-9968 (Fax) - 432-682-0727 (Home)