

AP - 27

ANNUAL MONITORING REPORT

YEAR(S):
2006



Whole Earth Environmental, Inc.

2103 Arbor Cove
Katy, Tx. 77494
281.394.2050
whearth@msn.com

March 19, 2007

NMOCD
1220 South St. Francis Drive
Sante Fe, NM 87505

Attn: Wayne Price

**Re: 2006 Monitor Well Report / Sampling Summary
Junction E-15, EME SWD System
Unit "E", Sec. 15, T-22-S, R-37 E
NMOCD Case # AP-27**

Dear Mr. Price:

Enclosed, please find the 2006 Annual Ground Water Monitoring Report for the E-15 site within the BD Salt Water Disposal System. The report includes the following information:

- Summary Tables of all laboratory results and depths to ground water
- Plat map of well locations
- Graphs of chloride concentrations over time
- Laboratory analytical reports
- CD version of the above

Equipment for a second recovery well is staged and ready for installation within the Monitor Well No. 2 bore. We are awaiting finalization of the easement agreement with the landowner to begin.

Thank you again for your interest in this project; if you've any questions or comments, please do not hesitate to get in touch with me or Kristin Pope at 505.393.9174

Warmest personal regards,

Mike Griffin
President
Whole Earth Environmental, Inc.

MW-1
Cl: 501 ppm

Storage Tanks

RW-2 Recovery Well
Dry Hole

RW-1 Recovery Well
Cl: 1,430 ppm
350 gpd

Excavated Area

Property Line

MW-2
Cl: 15,500 ppm
1,440 gpd

MW-6
Dry Hole

MW-3
Cl: 728 ppm

MW-4
Cl: 1,580 ppm

MW-5
Dry Hole



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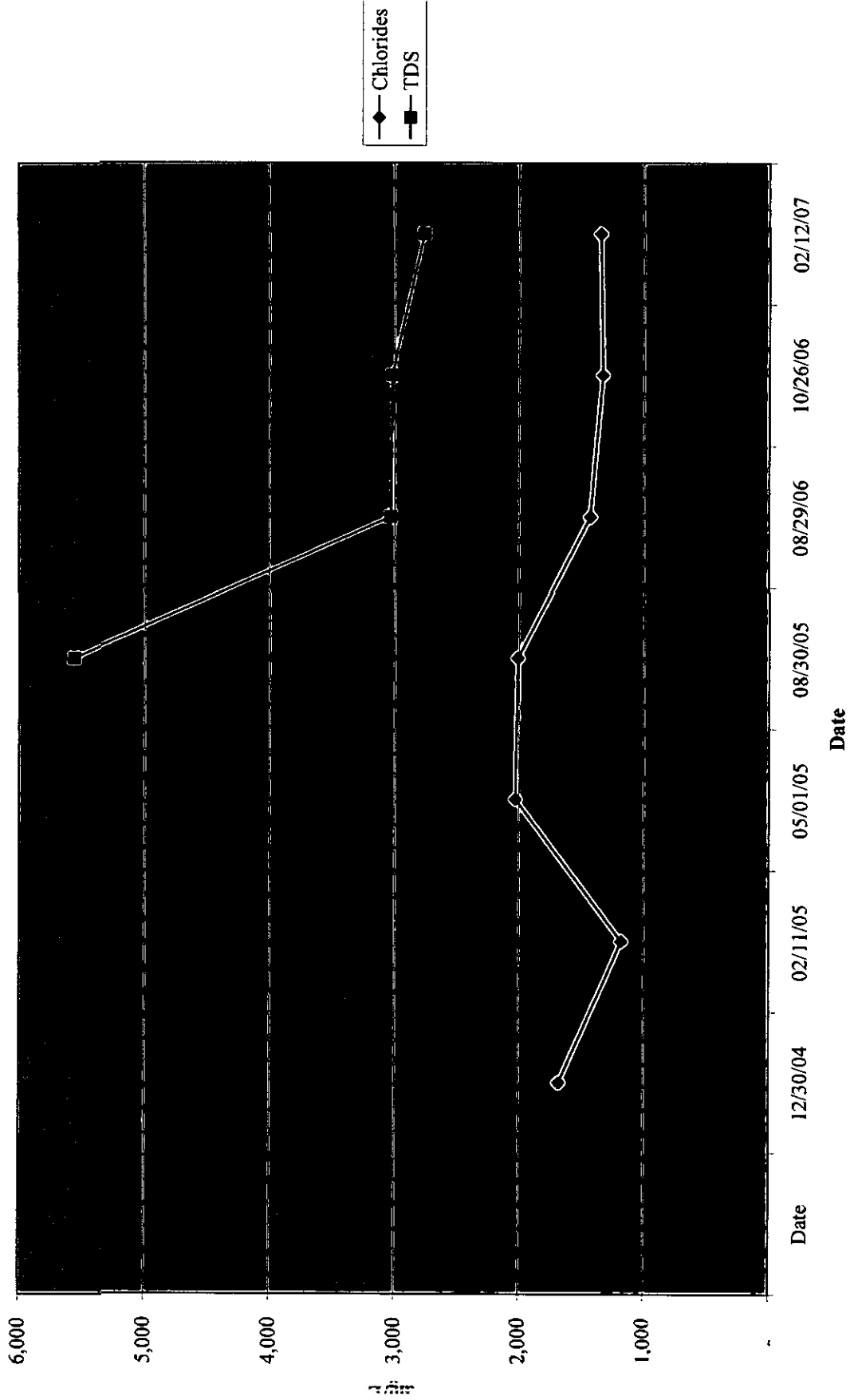
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Rice Operating Company
EME Junction E-15
NMOCD Case AP-27
Unit 'E', Sec. 15, T22S, R37E
Recovery Well

RW #	Depth to Water (Ft.)	Total Depth (Ft.)	Well Volume (Gal.)	Volume (gal.)	Sample Date	Chlorides	TDS	Benzene	Toluene	Ethyl Benzene	Total Xylene	Sulfate
1					12/30/04	1,680						
1					02/11/05	1,180						
1					05/01/05	2,030						
1					08/30/05	2,010	5,560	<0.001	<0.001	<0.001	<0.001	
1					08/29/06	1,430	3,030	<0.001	<0.001	<0.001	<0.001	
1				10.00	10/26/06	1,330	3,020	<0.001	<0.001	<0.001	<0.001	
1					02/12/07	1,350	2,760	<0.001	<0.001	<0.001	<0.001	

All concentrations are in mg/L

EME E-15 RW-1

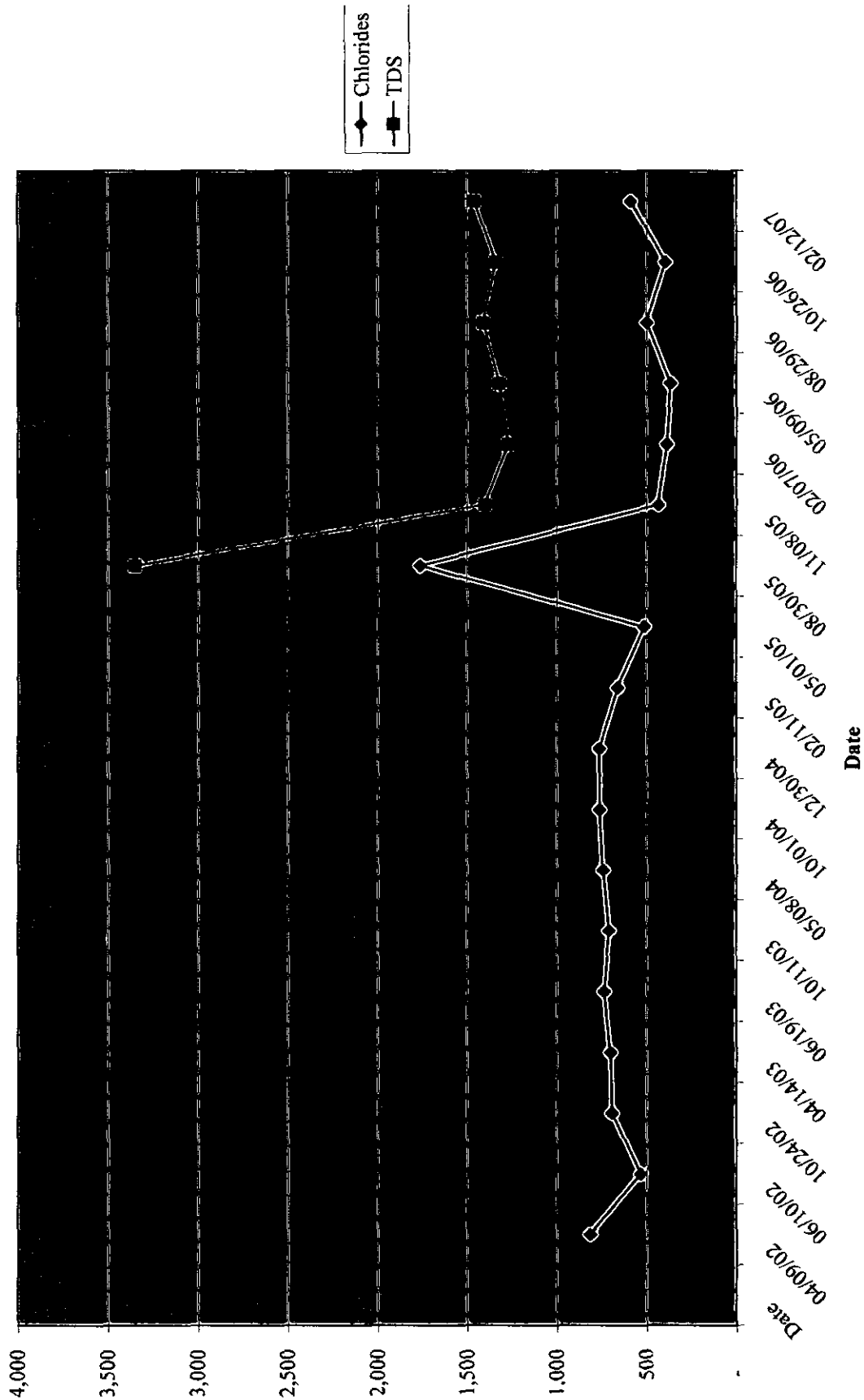


Rice Operating Company
EME Junction E-15
NMOCD Case AP-27
Unit 'E', Sec. 15, T22S, R37E
Monitor Well # 1

MW #	Depth to Water (Ft.)	Total Depth (Ft.)	Well Volume (Gal.)	Volume (gal.)	Sample Date	Chlorides	TDS	Benzene	Toluene	Ethyl Benzene	Total Xylene	Sulfate
1					04/09/02	815						
1					06/10/02	532		0.002	0.003	0.006	0.055	
1					10/24/02	691		<0.001	<0.001	<0.001	<0.001	
1					04/14/03	701						
1					06/19/03	736						
1					10/11/03	709						
1					05/08/04	744						
1					10/01/04	762						
1					12/30/04	762						
1					02/11/05	663						
1					05/01/05	512						
1					08/30/05	1,760	3,350	<0.001	<0.001	<0.001	<0.001	
1	73.65	92.25	3.00	10.00	11/08/05	434	1,400	<0.001	<0.001	<0.001	<0.001	
1	73.41	92.25	3.00	9.00	02/07/06	387	1,270	<0.001	<0.001	<0.001	<0.001	
1	73.57	92.25	3.00	10.00	05/09/06	367	1,320	<0.001	<0.001	<0.001	<0.001	
1	73.62	92.25	3.00	10.00	08/29/06	501	1,410	<0.001	<0.001	<0.001	<0.001	
1	73.56	92.25	3.00	10.00	10/26/06	396	1,340	<0.001	<0.001	<0.001	<0.001	
1					02/12/07	587	1,460	<0.001	<0.001	<0.001	<0.001	

Concentrations are in mg/L

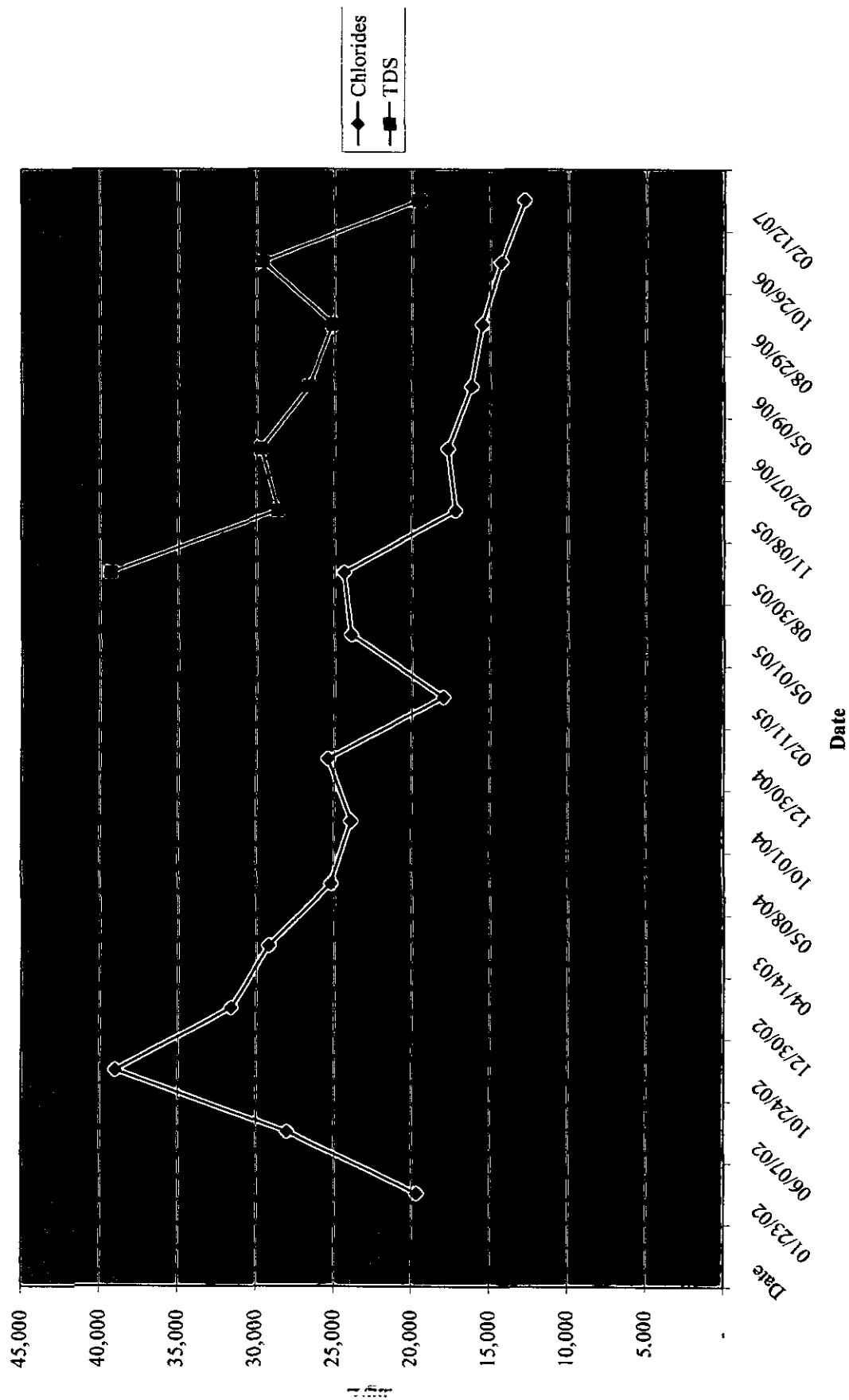
EME E-15 MW-1



Rice Operating Company
EME Junction E-15
NMOCD Case AP-27
Unit 'E', Sec. 15, T22S, R37E
Monitor Well # 2

MW #	Depth to Water (Ft.)	Total Depth (Ft.)	Well Volume (Gal.)	Volume (gal.)	Sample Date	Chlorides	TDS	Benzene	Toluene	Ethyl Benzene	Total Xylene	Sulfate
2					01/23/02	19,675		<0.001	<0.001	<0.001	<0.001	
2					06/07/02	28,000		0.002	0.006	0.003	0.055	
2					10/24/02	39,000		0.013	0.011	0.016	0.084	
2					04/14/03	29,200						
2					05/08/04	25,200						
2					10/01/04	23,900						
2					12/30/04	25,400						
2					02/11/05	18,000						
2					05/01/05	23,900						
2					08/30/05	24,400	39,300	<0.001	<0.001	<0.001	<0.001	
2	76.45	86.75	1.60	6.00	11/08/05	17,200	28,600	<0.001	<0.001	<0.001	<0.001	
2	76.33	86.57	1.70	6.00	02/07/06	17,700	29,700	<0.001	<0.001	<0.001	<0.001	
2	76.38	86.75	1.70	10.00	05/09/06	16,200	26,600	<0.001	<0.001	<0.001	<0.001	
2	76.44	86.75	1.60	10.00	08/29/06	15,500	25,100	<0.001	<0.001	<0.001	<0.001	
2	76.45	92.25	1.60	69.00	10/26/06	14,300	29,600	<0.001	<0.001	<0.001	<0.001	
2					02/12/07	12,800	19,500	<0.001	<0.001	<0.001	<0.001	

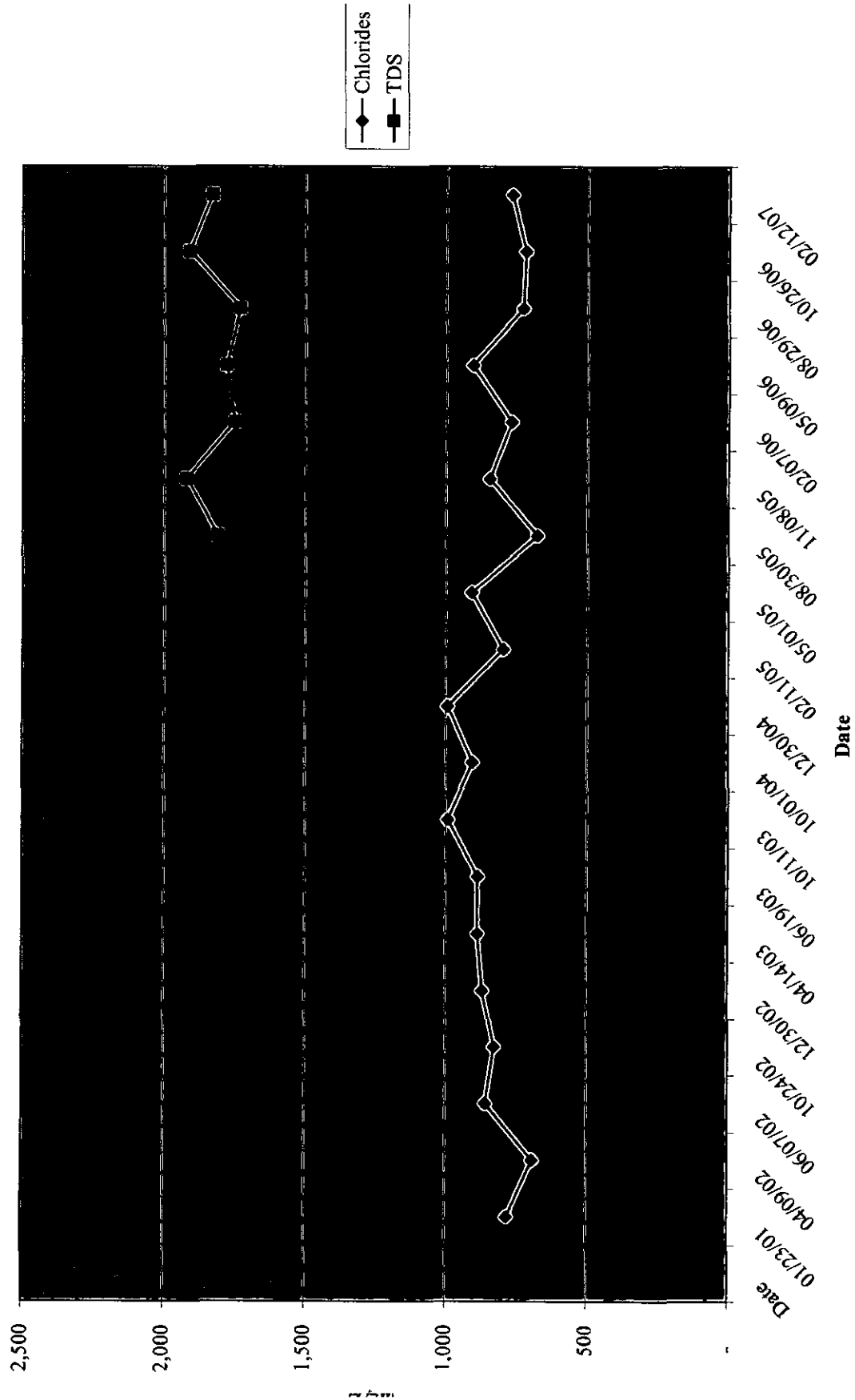
EME E-15 MW-2



Rice Operating Company
EME Junction E-15
NMOCD Case AP-27
Unit 'E', Sec. 15, T22S, R37E
Monitor Well # 3

MW #	Depth to Water (Ft.)	Total Depth (Ft.)	Well Volume (Gal.)	Volume (gal.)	Sample Date	Chlorides	TDS	Benzene	Toluene	Ethyl Benzene	Total Xylene	Sulfate
3					01/23/01	780						
3					04/09/02	691		<0.001	<0.001	<0.001	<0.001	
3					06/07/02	857		0.001	0.001	0.001	0.001	
3					10/24/02	827		0.017	0.026	0.029	0.021	
3					12/30/02	868						
3					04/14/03	886						
3					06/19/03	886						
3					10/11/03	992						
3					10/01/04	904						
3					12/30/04	993						
3					02/11/05	797						
3					05/01/05	909						
3					08/30/05	676	1,810	<0.001	<0.001	<0.001	<0.001	
3	79.52	99.20	3.10	10.00	11/08/05	845	1,920	<0.001	<0.001	<0.001	<0.001	
3	78.83	99.20	3.30	10.00	02/07/06	769	1,750	<0.001	<0.001	<0.001	<0.001	
3	78.89	99.20	3.20	15.00	05/09/06	907	1,780	<0.001	<0.001	<0.001	<0.001	
3	78.95	99.20	3.20	15.00	08/29/06	728	1,730	<0.001	<0.001	<0.001	<0.001	
3	79.01	99.20	3.20	10.00	10/26/06	719	1,910	<0.001	<0.001	<0.001	<0.001	
3					02/12/07	768	1,830	<0.001	<0.001	<0.001	<0.001	

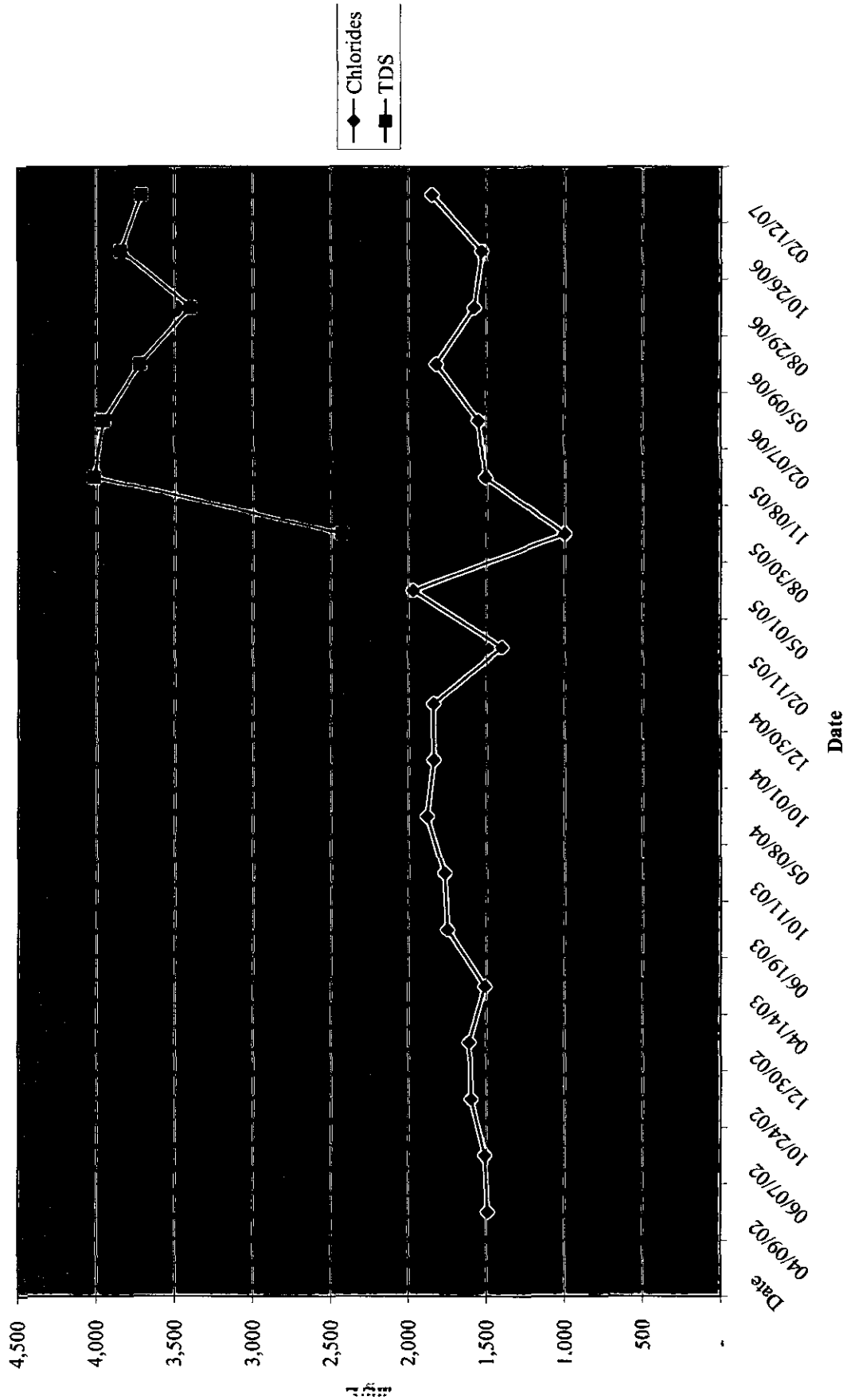
EME E-15 MW-3

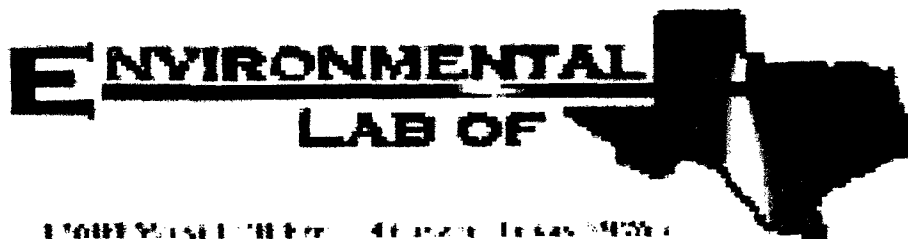


Rice Operating Company
EME Junction E-15
NMOCD Case AP-27
Unit 'E', Sec. 15, T22S, R37E
Monitor Well # 4

MW #	Depth to Water (Ft.)	Total Depth (Ft.)	Well Volume (Gal.)	Volume (gal.)	Sample Date	Chlorides	TDS	Benzene	Toluene	Ethyl Benzene	Total Xylene	Sulfate
4					04/09/02	1,490						
4					06/07/02	1,510						
4					10/24/02	1,600						
4					12/30/02	1,610						
4					04/14/03	1,510						
4					06/19/03	1,750						
4					10/11/03	1,770						
4					05/08/04	1,880						
4					10/01/04	1,840						
4					12/30/04	1,840						
4					02/11/05	1,400						
4					05/01/05	1,970						
4					08/30/05	1,000	2,430	<0.001	<0.001	<0.001	<0.001	
4	86.21	98.55	2.00	7.00	11/08/05	1,510	4,020	<0.001	<0.001	<0.001	<0.001	
4	85.67	98.55	2.10	7.00	02/07/06	1,550	3,950	<0.001	<0.001	<0.001	<0.001	
4	86.13	98.55	2.00	10.00	05/09/06	1,820	3,720	<0.001	<0.001	<0.001	<0.001	
4	86.24	98.55	2.00	10.00	08/29/06	1,580	3,400	<0.001	<0.001	<0.001	<0.001	
4	85.99	98.55	2.00	10.00	10/26/06	1,530	3,840	<0.001	<0.001	<0.001	<0.001	
4					02/12/07	1,850	3,710	<0.001	<0.001	<0.001	<0.001	

EME E-15 MW-4





Analytical Report

Prepared for:

Kristin Farris-Pope

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: BD E-15 Leak

Project Number: None Given

Location: Lea County

Lab Order Number: 6E1101

Report Date: 05/18/06

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

Project: BD E-15 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
05/18/06 11:26

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Monitor Well #1	6E11016-01	Water	05/09/06 09:50	05/11/06 14:30
Monitor Well #2	6E11016-02	Water	05/09/06 11:45	05/11/06 14:30
Monitor Well #3	6E11016-03	Water	05/09/06 13:15	05/11/06 14:30
Monitor Well #4	6E11016-04	Water	05/09/06 10:55	05/11/06 14:30

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

Project: BDE-15 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
05/18/06 11:26

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6E11016-01) 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		81.0 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		81.5 %	80-120		"	"	"	"	
Monitor Well #2 (6E11016-02) 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		81.0 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		85.5 %	80-120		"	"	"	"	
Monitor Well #3 (6E11016-03) 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		81.2 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.8 %	80-120		"	"	"	"	
Monitor Well #4 (6E11016-04) 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		83.8 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		82.0 %	80-120		"	"	"	"	

Environmental Lab of Texas

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

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

Project: BD E-15 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
05/18/06 11:26

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 (6E11016-01) Water									
Total Alkalinity	250	2.00	mg/L	1	EE61212	05/12/06	05/12/06	EPA 310.1M	
Chloride	367	10.0	"	20	EE61226	05/12/06	05/12/06	EPA 300.0	
Total Dissolved Solids	1320	5.00	"	1	EE61211	05/12/06	05/12/06	EPA 160.1	
Sulfate	162	10.0	"	20	EE61226	05/12/06	05/12/06	EPA 300.0	
Monitor Well #2 (6E11016-02) Water									
Total Alkalinity	186	2.00	mg/L	1	EE61212	05/12/06	05/12/06	EPA 310.1M	
Chloride	16200	250	"	500	EE61226	05/12/06	05/12/06	EPA 300.0	
Total Dissolved Solids	26600	5.00	"	1	EE61211	05/12/06	05/12/06	EPA 160.1	
Sulfate	1380	250	"	500	EE61226	05/12/06	05/12/06	EPA 300.0	
Monitor Well #3 (6E11016-03) Water									
Total Alkalinity	196	2.00	mg/L	1	EE61212	05/12/06	05/12/06	EPA 310.1M	
Chloride	907	12.5	"	25	EE61226	05/12/06	05/12/06	EPA 300.0	
Total Dissolved Solids	1780	5.00	"	1	EE61211	05/12/06	05/12/06	EPA 160.1	
Sulfate	181	12.5	"	25	EE61226	05/12/06	05/12/06	EPA 300.0	
Monitor Well #4 (6E11016-04) Water									
Total Alkalinity	118	2.00	mg/L	1	EE61212	05/12/06	05/12/06	EPA 310.1M	
Chloride	1820	25.0	"	50	EE61226	05/12/06	05/12/06	EPA 300.0	
Total Dissolved Solids	3720	5.00	"	1	EE61211	05/12/06	05/12/06	EPA 160.1	
Sulfate	474	25.0	"	50	EE61226	05/12/06	05/12/06	EPA 300.0	

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

Project: BD E-15 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
05/18/06 11:26

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6E11016-01) Water:									
Calcium	143	0.500	mg/L	50	EE61503	05/15/06	05/15/06	EPA 6010B	
Magnesium	60.4	0.0100	"	10	"	"	"	"	
Potassium	10.3	0.500	"	"	"	"	"	"	
Sodium	202	0.500	"	50	"	"	"	"	
Monitor Well #2 (6E11016-02) Water									
Calcium	1850	5.00	mg/L	500	EE61503	05/15/06	05/15/06	EPA 6010B	
Magnesium	599	0.100	"	100	"	"	"	"	
Potassium	98.6	5.00	"	"	"	"	"	"	
Sodium	10000	25.0	"	2500	"	"	"	"	
Monitor Well #3 (6E11016-03) Water									
Calcium	216	0.500	mg/L	50	EE61503	05/15/06	05/15/06	EPA 6010B	
Magnesium	97.6	0.0100	"	10	"	"	"	"	
Potassium	12.9	0.500	"	"	"	"	"	"	
Sodium	177	0.500	"	50	"	"	"	"	
Monitor Well #4 (6E11016-04) Water									
Calcium	521	1.00	mg/L	100	EE61503	05/15/06	05/15/06	EPA 6010B	
Magnesium	332	0.100	"	"	"	"	"	"	
Potassium	20.9	0.500	"	10	"	"	"	"	
Sodium	254	0.500	"	50	"	"	"	"	

Environmental Lab of Texas

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

Project: BD E-15 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
05/18/06 11:26

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-BLK1)				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: 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: o,p,p'-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: o,p,p'-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: o,p,p'-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 E-15 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
05/18/06 11:26

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 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,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 E-15 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
05/18/06 11:26

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

Duplicate (EE61211-DUP1)

Source: 6E11002-01

Prepared & Analyzed: 05/12/06

Total Dissolved Solids 10800 5.00 mg/L 11000 1.83 5

Batch EE61212 - General Preparation (WetChem)

Blank (EE61212-BLK1)

Prepared & Analyzed: 05/12/06

Total Alkalinity ND 2.00 mg/L

Duplicate (EE61212-DUP1)

Source: 6E11002-01

Prepared & Analyzed: 05/12/06

Total Alkalinity 145 2.00 mg/L 146 0.687 20

Reference (EE61212-SRM1)

Prepared & Analyzed: 05/12/06

Total Alkalinity 96.0 mg/L 100 96.0 90-110

Batch EE61226 - General Preparation (WetChem)

Blank (EE61226-BLK1)

Prepared & Analyzed: 05/12/06

Chloride ND 0.500 mg/L

Sulfate ND 0.500 "

LCS (EE61226-BS1)

Prepared & Analyzed: 05/12/06

Sulfate 8.23 mg/L 10.0 82.3 80-120

Chloride 10.1 " 10.0 101 80-120

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

Project: BD E-15 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
05/18/06 11:26

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						
nitrate	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			

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

Project: BD E-15 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
05/18/06 11:26

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 EE61503 - 6010B/No Digestion

Blank (EE61503-BLK1)

Prepared & Analyzed: 05/15/06

Analyte	Result	Reporting Limit	Units
Magnesium	ND	0.00100	"
Potassium	ND	0.0500	"
Sodium	ND	0.0100	"

Calibration Check (EE61503-CCV1)

Prepared & Analyzed: 05/15/06

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits
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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits
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

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

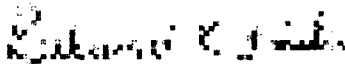
Project: BD E-15 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
05/18/06 11:26

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: 

Date: 5/18/2006

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.

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 E-15 Leak

Company Name RICE Operating Company

Project #:

Company Address: 122 W. Taylor Street

Project Loc: Lea County

City/State/Zip: Hobbs, New Mexico 88240

PO 米

Telephone No: (505) 393-9174

Fax No: (505) 397-1471

Sampler Signature: Rozanne Johnson (505) 631-9310

Email: rozanne@valornet.com

[illegible]

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

Client: Rice Op.
 Date/Time: 2/11/06 2:30
 Order #: 6E11016
 Initials: UR

Sample Receipt Checklist

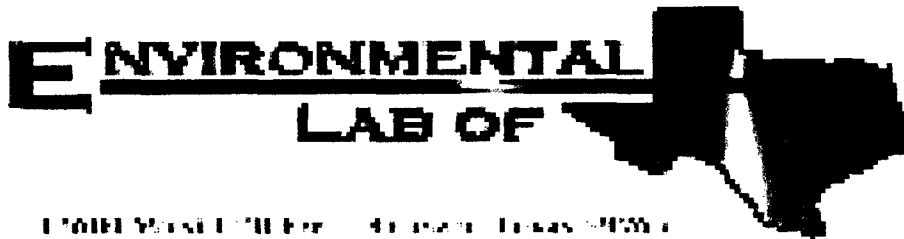
Temperature of container/cooler?	Yes	No	(, 0 C
Shipping container/cooler in good condition?	☒	No	
Custody Seals intact on shipping container/cooler?	☒	No	Not present
Custody Seals intact on sample bottles?	☒	No	Not present
Chain of custody present?	☒	No	
Sample Instructions complete on Chain of Custody?	☒	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	
/OC samples have zero headspace?	☒	No	Not Applicable

Other observations:

Variance Documentation:

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

Corrective Action Taken:



Analytical Report

Prepared for:

Kristin Farris-Pope

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: BD E-15 Leak

Project Number: None Given

Location: Lea County

Lab Order Number: 6B08015

Report Date: 02/15/06

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

Project: BD E-15 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
02/15/06 11:18

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Monitor Well #1	6B08013-01	Water	02/07/06 15:30	02/08/06 09:00
Monitor Well #2	6B08013-02	Water	02/07/06 13:20	02/08/06 09:00
Monitor Well #3	6B08013-03	Water	02/07/06 14:15	02/08/06 09:00
Monitor Well #4	6B08013-04	Water	02/07/06 12:25	02/08/06 09:00

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

Project: BD E-15 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
02/15/06 11:18

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6B08013-01) 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)	I [0.000648]	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		92.0 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		87.8 %	80-120		"	"	"	"	
Monitor Well #2 (6B08013-02) Water									
Benzene	I [0.000610]	0.00100	mg/L	1	EB60910	02/09/06	02/10/06	EPA 8021B	
Toluene	I [0.000414]	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		87.5 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		83.8 %	80-120		"	"	"	"	
Monitor Well #3 (6B08013-03) 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		87.8 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		80.2 %	80-120		"	"	"	"	
Monitor Well #4 (6B08013-04) 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		83.5 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		81.0 %	80-120		"	"	"	"	

Environmental Lab of Texas

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

Page 2 of 10

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

Project: BD E-15 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
02/15/06 11:18

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 (6B08013-01) Water									
Total Alkalinity	253	2.00	mg/L	1	EB60901	02/08/06	02/08/06	EPA 310.1M	
Chloride	387	12.5	"	25	EB61016	02/09/06	02/09/06	EPA 300.0	
Total Dissolved Solids	1270	5.00	"	1	EB61019	02/09/06	02/10/06	EPA 160.1	
Sulfate	181	12.5	"	25	EB61016	02/09/06	02/09/06	EPA 300.0	
Monitor Well #2 (6B08013-02) Water									
Total Alkalinity	174	2.00	mg/L	1	EB60901	02/08/06	02/08/06	EPA 310.1M	
Chloride	17700	250	"	500	EB61016	02/09/06	02/09/06	EPA 300.0	
Total Dissolved Solids	29700	5.00	"	1	EB61019	02/09/06	02/10/06	EPA 160.1	
Sulfate	1140	250	"	500	EB61016	02/09/06	02/09/06	EPA 300.0	
Monitor Well #3 (6B08013-03) Water									
Total Alkalinity	117	2.00	mg/L	1	EB60901	02/08/06	02/08/06	EPA 310.1M	
Chloride	769	12.5	"	25	EB61016	02/09/06	02/09/06	EPA 300.0	
Total Dissolved Solids	1750	5.00	"	1	EB61019	02/09/06	02/10/06	EPA 160.1	
Sulfate	157	12.5	"	25	EB61016	02/09/06	02/09/06	EPA 300.0	
Monitor Well #4 (6B08013-04) Water									
Total Alkalinity	112	2.00	mg/L	1	EB60901	02/08/06	02/08/06	EPA 310.1M	
Chloride	1550	25.0	"	50	EB61016	02/09/06	02/09/06	EPA 300.0	
Total Dissolved Solids	3950	5.00	"	1	EB61019	02/09/06	02/10/06	EPA 160.1	
Sulfate	425	25.0	"	50	EB61016	02/09/06	02/09/06	EPA 300.0	

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

Project: BD E-15 Leak
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Project Manager: Kristin Farris-Pope

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Reported:
02/15/06 11:18

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6B08013-01) Water:									
Calcium	131	0.100	mg/L	10	EB60903	02/08/06	02/09/06	EPA 6010B	
Magnesium	67.3	0.0100	"	"	"	"	"	"	
Potassium	10.1	0.500	"	"	"	"	"	"	
Sodium	213	0.500	"	50	"	"	"	"	
Monitor Well #2 (6B08013-02) Water									
Calcium	2500	10.0	mg/L	1000	EB60903	02/08/06	02/09/06	EPA 6010B	
Magnesium	904	0.200	"	200	"	"	"	"	
Potassium	128	2.50	"	50	"	"	"	"	
Sodium	8300	25.0	"	2500	"	"	"	"	
Monitor Well #3 (6B08013-03) Water									
Calcium	212	0.500	mg/L	50	EB60903	02/08/06	02/09/06	EPA 6010B	
Magnesium	152	0.0500	"	"	"	"	"	"	
Potassium	14.2	0.500	"	10	"	"	"	"	
Sodium	179	0.500	"	50	"	"	"	"	
Monitor Well #4 (6B08013-04) Water									
Calcium	531	0.500	mg/L	50	EB60903	02/08/06	02/09/06	EPA 6010B	
Magnesium	322	0.0500	"	"	"	"	"	"	
Potassium	22.1	0.500	"	10	"	"	"	"	
Sodium	246	0.500	"	50	"	"	"	"	

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

Project: BD E-15 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
02/15/06 11:18

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: <i>a,a,a</i> -Trifluorotoluene	34.3		ug/l	40.0		80.7	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: <i>a,a,a</i> -Trifluorotoluene	35.2		ug/l	40.0		88.0	80-120			
Surrogate: 4-Bromofluorobenzene	32.5		"	40.0		81.2	80-120			

LCS 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: <i>a,a,a</i> -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: <i>a,a,a</i> -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 E-15 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
02/15/06 11:18

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 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		ng/l	40.0		96.8	80-120			
Surrogate: 4-Bromofluorobenzene	47.0		"	40.0		118	80-120			

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

Project: BD E-15 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
02/15/06 11:18

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
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
Hobbs NM, 88240

Project: BD E-15 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471
Reported:
02/15/06 11:18

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 EB61019 - General Preparation (WetChem)										
Blank (EB61019-BLK1)				Prepared: 02/09/06 Analyzed: 02/10/06						
Total Dissolved Solids	ND	5.00	mg/L							
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
Hobbs NM, 88240

Project: BD E-15 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
02/15/06 11:18

Total Metals by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch EB60903 - 6010B/No Digestion

Blank (EB60903-BLK1)

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

aluminum	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
Hobbs NM, 88240

Project: BD E-15 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Reported:
02/15/06 11:18

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

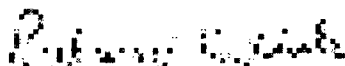
RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



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.

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Kristin Farris Pope
kpriceswd@valomet.com

Project Name: BD E-15 Leak

Company Name RICE Operating Company

Project #:

Company Address: 122 W. Taylor Street

Project Loc: Lea County

City/State/Zip: Hobbs, New Mexico 88240

第 2 章

Telephone No: (505) 393-9174

Fax No: (505) 397-1471

Sampler Signature: Rozanne Johnson (505) 631-9310

Email: rozanne@valornet.com

Special Instructions:										PLEASE Email RESULTS TO: kpriceswd@valornet.com & mfranks@riceswd.com									
Relinquished by: <i>Rozanne Johnson</i>										Received by: <i>James Johnson</i>									
Relinquished on: <i>2/28/06</i>										Relinquished on: <i>2/28/06</i>									
Date: <i>2-28-06</i>										Date: <i>2-28-06</i>									
Time: <i>6:01</i>										Time: <i>6:02</i>									
LAB # (lab use only)										FIELD CODE									
-01										Monitor Well #1									
-02										Monitor Well #2									
-03										Monitor Well #3									
-04										Monitor Well #4									
Date Sampled										Time Sampled									
2/7/2006										15:30									
2/7/2006										13:20									
2/7/2006										14:15									
2/7/2006										12:25									
No. of Containers										Matrix									
HNO ₃										H ₂ SO ₄									
HCl (2) 40 ml glass vials										NaOH									
None (1) 1 Liter HDPE										Other (Specify)									
Water										Sludge									
Soil										Other (Specify):									
TPH, 418, 1 8015M 1005 1006										Cations (Ca, Mg, Na, K)									
Anions (Cl, SO ₄ , CO ₃ , HCO ₃)										SAR / ESP / CEC									
Materials: As Ag Ba Cd Cr Pb Hg Se										Volatiles									
Semivolatiles										BTEX 8021B5030									
RCI										NORM									
Total Dissolved Solids										Standard TAT									
RUSH TAT (Pre-Schedule)																			

Environmental Lab of Texas

Variance / Corrective Action Report – Sample Log-In

Client: RITA DP.

Date/Time: 2/8/06 9:00

Order #: 10B08013

Initials: CJK

Sample Receipt Checklist

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

Other observations:

Water samples not frozen

Variance Documentation:

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

Regarding: _____

Corrective Action Taken:

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

ent: Whole Earth
 ate/Time: 4/26/06 9:50
 der #: 6D26003
 itials: UK

Sample Receipt Checklist

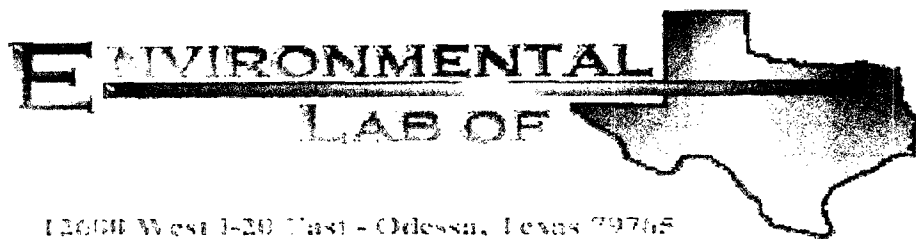
Temperature of container/cooler?	Yes	No	13.6 C
Shipping container/cooler in good condition?	☒	No	
Custody Seals intact on shipping container/cooler?	Yes	No	Not present
Custody Seals intact on sample bottles?	Yes	No	Not present
Chain of custody present?	☒	No	
Sample Instructions complete on Chain of Custody?	☒	No	
Chain of Custody signed when relinquished and received?	☒	No	
Chain of custody agrees with sample label(s)	Yes	No	ID on lid
Container labels legible and intact?	Yes	No	n/a
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	
VOC samples have zero headspace?	Yes	No	Not Applicable

Other observations:

Variance Documentation:

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

Corrective Action Taken:



12000 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Mike Griffin

WHOLE EARTH ENVIRONMENTAL

2103 Arbor Cove

Katy, TX 77494

Project: C-15

Project Number: None Given

Location: None Given

Lab Order Number: 6D26003

Report Date: 04/27/06

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: G-15
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051
Reported:
04/27/06 11:03

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Ground Water	6D26003-01	Water	04/26/06 00:00	04/26/06 09:50
Tank- 1	6D26003-02	Water	04/26/06 00:00	04/26/06 09:50
Tank- 2	6D26003-03	Water	04/26/06 00:00	04/26/06 09:50

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX. 77494

Project: G-15
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
04/27/06 11:03

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Ground Water (6D26003-01) Water									
Chloride	1720	5.00	mg/L	1	ED62706	04/27/06	04/27/06	SW846-9253	
Tank- 1 (6D26003-02) Water									
Chloride	17.7	5.00	mg/L	1	ED62706	04/27/06	04/27/06	SW846-9253	
Tank- 2 (6D26003-03) Water									
Chloride	1880	5.00	mg/L	1	ED62706	04/27/06	04/27/06	SW846-9253	

Environmental Lab of Texas

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Page 2 of 4

WHOLE EARTH ENVIRONMENTAL	Project: G-15	Fax: (281) 394-2051
2103 Arbor Cove	Project Number: None Given	Reported:
Katy TX, 77494	Project Manager: Mike Griffin	04/27/06 11:03

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 ED62706 - General Preparation (WetChem)										
Blank (ED62706-BLK1)				Prepared & Analyzed: 04/27/06						
Chloride	0.00	5.00	mg/L							
LCS (ED62706-BS1)				Prepared & Analyzed: 04/27/06						
Chloride	95.7		mg/L	100		95.7	80-120			
Matrix Spike (ED62706-MS1)				Source: 6D26003-01 Prepared & Analyzed: 04/27/06						
Chloride	2220	5.00	mg/L	500	1720	100	80-120			
Matrix Spike Dup (ED62706-MSD1)				Source: 6D26003-01 Prepared & Analyzed: 04/27/06						
Chloride	2230	5.00	mg/L	500	1720	102	80-120	0.449	20	
Reference (ED62706-SRM1)				Prepared & Analyzed: 04/27/06						
Chloride	4960		mg/L	5000		99.2	80-120			

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: G-15
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
04/27/06 11:03

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:



Date:

4/27/2006

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

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

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12600 West 1-20 East
Odessa, Texas 79765

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

Project Name: 6-15

Project #:

Project Loc: _____

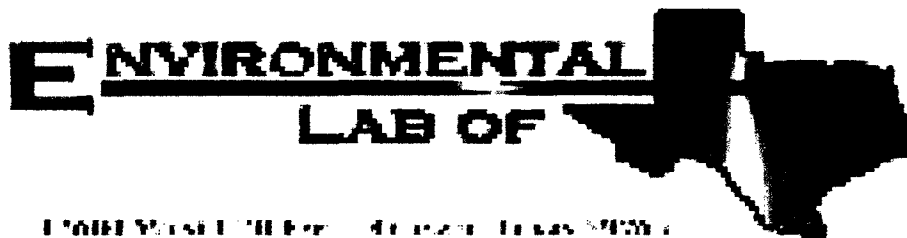
PO #:

Fax No: 750

Sampler Signature: M. C. H.

Email: whelan4h@msn.com

[illegible]



Analytical Report

Prepared for:

Kristin Farris-Pope

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: BD E-15 Leak

Project Number: None Given

Location: T22S-R37E-Sec15E, Lea County, NM

Lab Order Number: 6H3100:

Report Date: 09/06/06

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

Project: BD E-15 Leak
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	6H31005-01	Water	08/29/06 13:50	08-31-2006 10:15
Monitor Well #2	6H31005-02	Water	08/29/06 12:45	08-31-2006 10:15
Monitor Well #3	6H31005-03	Water	08/29/06 11:10	08-31-2006 10:15
Monitor Well #4	6H31005-04	Water	08/29/06 09:30	08-31-2006 10:15
Source Monitor Well	6H31005-05	Water	08/29/06 14:25	08-31-2006 10:15

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

Project: BD E-15 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6H31005-01) Water									
Benzene	ND	0.00100	mg/L	1	EH63104	08/31/06	08/31/06	EPA 8021B	
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		104 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.5 %	80-120		"	"	"	"	
Monitor Well #2 (6H31005-02) Water									
Benzene	ND	0.00100	mg/L	1	EH63104	08/31/06	08/31/06	EPA 8021B	
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		96.0 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		87.5 %	80-120		"	"	"	"	
Monitor Well #3 (6H31005-03) Water									
Benzene	ND	0.00100	mg/L	1	EH63104	08/31/06	08/31/06	EPA 8021B	
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		103 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.2 %	80-120		"	"	"	"	
Monitor Well #4 (6H31005-04) Water									
Benzene	ND	0.00100	mg/L	1	EH63104	08/31/06	08/31/06	EPA 8021B	
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		105 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		81.5 %	80-120		"	"	"	"	

Environmental Lab of Texas

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Page 2 of 11

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

Project: BD E-15 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Source Monitor Well (6H31005-05) Water									
Benzene	ND	0.00100	mg/L	1	EH63104	08/31/06	08/31/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		96.0 %	80-120	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		81.5 %	80-120	"	"	"	"	"	

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

Project: BD E-15 Leak
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 Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6H31005-01) Water									
Total Alkalinity	236	2.00	mg/L	1	EH63107	08/31/06	08/31/06	EPA 310.1M	
Chloride	501	12.5	"	25	EH63108	08/31/06	08/31/06	EPA 300.0	
Total Dissolved Solids	1410	10.0	"	1	E160503	08/31/06	09/05/06	EPA 160.1	
Sulfate	249	12.5	"	25	EH63108	08/31/06	08/31/06	EPA 300.0	
Monitor Well #2 (6H31005-02) Water									
Total Alkalinity	206	2.00	mg/L	1	EH63107	08/31/06	08/31/06	EPA 310.1M	
Chloride	15500	250	"	500	EH63108	08/31/06	08/31/06	EPA 300.0	
Total Dissolved Solids	25100	10.0	"	1	E160503	08/31/06	09/05/06	EPA 160.1	
Sulfate	986	250	"	500	EH63108	08/31/06	08/31/06	EPA 300.0	
Monitor Well #3 (6H31005-03) Water									
Total Alkalinity	126	2.00	mg/L	1	EH63107	08/31/06	08/31/06	EPA 310.1M	
Chloride	728	12.5	"	25	EH63108	08/31/06	08/31/06	EPA 300.0	
Total Dissolved Solids	1730	10.0	"	1	E160503	08/31/06	09/05/06	EPA 160.1	
Sulfate	191	12.5	"	25	EH63108	08/31/06	08/31/06	EPA 300.0	
Monitor Well #4 (6H31005-04) Water									
Total Alkalinity	120	2.00	mg/L	1	EH63107	08/31/06	08/31/06	EPA 310.1M	
Chloride	1580	25.0	"	50	EH63108	08/31/06	08/31/06	EPA 300.0	
Total Dissolved Solids	3400	10.0	"	1	E160503	08/31/06	09/05/06	EPA 160.1	
Sulfate	520	25.0	"	50	EH63108	08/31/06	08/31/06	EPA 300.0	
Source Monitor Well (6H31005-05) Water									
Total Alkalinity	304	2.00	mg/L	1	EH63107	08/31/06	08/31/06	EPA 310.1M	
Chloride	1430	25.0	"	50	EH63108	08/31/06	08/31/06	EPA 300.0	
Total Dissolved Solids	3030	10.0	"	1	E160503	08/31/06	09/05/06	EPA 160.1	
Sulfate	254	25.0	"	50	EH63108	08/31/06	08/31/06	EPA 300.0	

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

Project: BD E-15 Leak
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 (6H31005-01) Water									
Calcium	153	4.05	mg/L	50	EH63111	08/31/06	08/31/06	EPA 6010B	
Magnesium	75.6	0.360	"	10	"	"	"	"	
Potassium	10.6	0.600	"	"	"	"	"	"	
Sodium	162	2.15	"	50	"	"	"	"	
Monitor Well #2 (6H31005-02) Water									
Calcium	1800	40.5	mg/L	500	EH63111	08/31/06	08/31/06	EPA 6010B	
Magnesium	784	18.0	"	"	"	"	"	"	
Potassium	104	3.00	"	50	"	"	"	"	
Sodium	5990	43.0	"	1000	"	"	"	"	
Monitor Well #3 (6H31005-03) Water									
Calcium	195	4.05	mg/L	50	EH63111	08/31/06	08/31/06	EPA 6010B	
Magnesium	138	1.80	"	"	"	"	"	"	
Potassium	13.5	0.600	"	10	"	"	"	"	
Sodium	144	2.15	"	50	"	"	"	"	
Monitor Well #4 (6H31005-04) Water									
Calcium	476	4.05	mg/L	50	EH63111	08/31/06	08/31/06	EPA 6010B	
Magnesium	290	1.80	"	"	"	"	"	"	
Potassium	20.7	0.600	"	10	"	"	"	"	
Sodium	194	2.15	"	50	"	"	"	"	
Source Monitor Well (6H31005-05) Water									
Calcium	85.7	0.810	mg/L	10	EH63111	08/31/06	08/31/06	EPA 6010B	
Magnesium	58.4	0.360	"	"	"	"	"	"	
Potassium	28.2	0.600	"	"	"	"	"	"	
Sodium	790	10.8	"	250	"	"	"	"	

Environmental Lab of Texas

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

Page 5 of 11

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

Project: BD E-15 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

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 EH63104 - EPA 5030C (GC)

Blank (EH63104-BLK1)

Prepared & Analyzed: 08/31/06

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	39.0		ug/l	40.0		97.5	80-120			
Surrogate: 4-Bromofluorobenzene	36.9		"	40.0		92.2	80-120			

LCS (EH63104-BS1)

Prepared & Analyzed: 08/31/06

Benzene	0.0489	0.00100	mg/L	0.0500		97.8	80-120			
Toluene	0.0518	0.00100	"	0.0500		104	80-120			
Ethylbenzene	0.0507	0.00100	"	0.0500		101	80-120			
Xylene (p/m)	0.119	0.00100	"	0.100		119	80-120			
Xylene (o)	0.0574	0.00100	"	0.0500		115	80-120			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	43.5		ug/l	40.0		109	80-120			
Surrogate: 4-Bromofluorobenzene	47.5		"	40.0		119	80-120			

Calibration Check (EH63104-CCV1)

Prepared & Analyzed: 08/31/06

Benzene	51.7		ug/l	50.0		103	80-120			
Toluene	54.4		"	50.0		109	80-120			
Ethylbenzene	52.4		"	50.0		105	80-120			
Xylene (p/m)	109		"	100		109	80-120			
Xylene (o)	52.8		"	50.0		106	80-120			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	44.9		"	40.0		112	80-120			
Surrogate: 4-Bromofluorobenzene	39.8		"	40.0		99.5	80-120			

Matrix Spike (EH63104-MS1)

Source: 6H31005-03

Prepared & Analyzed: 08/31/06

Benzene	0.0511	0.00100	mg/L	0.0500	ND	102	80-120			
Toluene	0.0537	0.00100	"	0.0500	ND	107	80-120			
Ethylbenzene	0.0500	0.00100	"	0.0500	ND	100	80-120			
Xylene (p/m)	0.118	0.00100	"	0.100	ND	118	80-120			
Xylene (o)	0.0564	0.00100	"	0.0500	ND	113	80-120			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	43.9		ug/l	40.0		110	80-120			
Surrogate: 4-Bromofluorobenzene	46.1		"	40.0		115	80-120			

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

Project: BD E-15 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

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 EH63104 - EPA 5030C (GC)										
Matrix Spike Dup (EH63104-MSD1)		Source: 6H31005-03			Prepared & Analyzed: 08/31/06					
Benzene	0.0513	0.00100	mg/L	0.0500	ND	103	80-120	0.976	20	
Toluene	0.0536	0.00100	"	0.0500	ND	107	80-120	0.00	20	
Ethylbenzene	0.0511	0.00100	"	0.0500	ND	102	80-120	1.98	20	
Xylene (p/m)	0.112	0.00100	"	0.100	ND	112	80-120	5.22	20	
Xylene (o)	0.0531	0.00100	"	0.0500	ND	106	80-120	6.39	20	
Surrogate: <i>α,α,α</i> -Trifluorotoluene	43.9		ug/l	40.0		110	80-120			
Surrogate: 4-Bromofluorobenzene	46.1		"	40.0		115	80-120			

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

Project: BD E-15 Leak
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 Limits	RPD	RPD Limit	Notes
Batch EH63107 - General Preparation (WetChem)									
Blank (EH63107-BLK1)				Prepared & Analyzed: 08/31/06					
Total Alkalinity	ND	2.00	mg/L						
LCS (EH63107-BS1)				Prepared & Analyzed: 08/31/06					
Bicarbonate Alkalinity	186	2.00	mg/L	200		93.0	85-115		
Duplicate (EH63107-DUP1)				Source: 6H29001-02 Prepared & Analyzed: 08/31/06					
Total Alkalinity	136	2.00	mg/L		140		2.90	20	
Reference (EH63107-SRM1)				Prepared & Analyzed: 08/31/06					
Total Alkalinity	252		mg/L	250		101	90-110		
Batch EH63108 - General Preparation (WetChem)									
Blank (EH63108-BLK1)				Prepared & Analyzed: 08/31/06					
Chloride	ND	0.500	mg/L						
Sulfate	ND	0.500	"						
LCS (EH63108-BS1)				Prepared & Analyzed: 08/31/06					
Sulfate	10.6	0.500	mg/L	10.0		106	80-120		
Chloride	10.7	0.500	"	10.0		107	80-120		
Calibration Check (EH63108-CCV1)				Prepared & Analyzed: 08/31/06					
Sulfate	11.0		mg/L	10.0		110	80-120		
Chloride	10.8		"	10.0		108	80-120		
Duplicate (EH63108-DUP1)				Source: 6H31002-01 Prepared & Analyzed: 08/31/06					
Chloride	4150	100	mg/L		4180		0.720	20	
Sulfate	ND	100	"		ND			20	

Rice Operating Co.
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Hobbs NM, 88240

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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	%REC Limits	RPD	RPD Limit	Notes
Batch EH63108 - General Preparation (WetChem)										
Duplicate (EH63108-DUP2)		Source: 6H31006-02		Prepared & Analyzed: 08/31/06						
Chloride	386	12.5	mg/L		386			0.00	20	
Sulfate	516	12.5	"		515			0.194	20	
Matrix Spike (EH63108-MS1)		Source: 6H31002-01		Prepared & Analyzed: 08/31/06						
Sulfate	2000	100	mg/L	2000	ND	100	80-120			
Chloride	6290	100	"	2000	4180	106	80-120			
Matrix Spike (EH63108-MS2)		Source: 6H31006-02		Prepared & Analyzed: 08/31/06						
Sulfate	777	12.5	mg/L	250	515	105	80-120			
Chloride	654	12.5	"	250	386	107	80-120			
Batch EI60503 - Filtration Preparation										
Blank (EI60503-BLK1)		Prepared: 08/30/06 Analyzed: 09/05/06								
Total Dissolved Solids	ND	10.0	mg/L							
Duplicate (EI60503-DUP1)		Source: 6H30007-01		Prepared: 08/30/06 Analyzed: 09/05/06						
Total Dissolved Solids	2770	10.0	mg/L		2820			1.79	5	
Duplicate (EI60503-DUP2)		Source: 6H31005-04		Prepared: 08/31/06 Analyzed: 09/05/06						
Total Dissolved Solids	3360	10.0	mg/L		3400			1.18	5	

Rice Operating Co.
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Project: BD E-15 Leak
Project Number: None Given
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Total Metals by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EH63111 - 6010B/No Digestion

Blank (EH63111-BLK1)

Prepared & Analyzed: 08/31/06

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

Calibration Check (EH63111-CCV1)

Prepared & Analyzed: 08/31/06

Calcium	2.23		mg/L	2.00		112	85-115			
Magnesium	2.25		"	2.00		112	85-115			
Potassium	1.72		"	2.00		86.0	85-115			
Sodium	1.83		"	2.00		91.5	85-115			

Duplicate (EH63111-DUP1)

Source: 6H30007-01

Prepared & Analyzed: 08/31/06

Calcium	11.8	0.810	mg/L		12.5			5.76	20	
Magnesium	5.41	0.360	"		4.96			8.68	20	
Potassium	6.31	0.600	"		6.38			1.10	20	
Sodium	908	10.8	"		857			5.78	20	

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

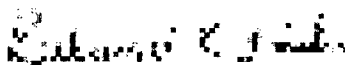
Project: BD E-15 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

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:



Date:

9/6/2006

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.

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

Environmental Lab of Texas

12600 West I-20 East
Odessa, Texas 79765

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

Project Manager: Kristin Farris Pope kpope@riceswd.com

Project Name: BD E-15 Leak

Company Name: RICE Operating Company

Project Number:

Company Address: 122 W. Taylor Street

Project Loc:

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

Email: rozanne@valornet.com

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative						Matrix						Analyze For:									
					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)	TPH: 418.1 8015M 1005 1006	Carbon (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	BTEX 80218/5030	RCI	M.O.R.M.	Total Dissolved Solids	RUSH TAT (Pre-Schedule)
	Monitor Well #1	8/29/2006	13:50	3	X	2			1		X					X	X					X			X	X
	Monitor Well #2	8/29/2006	12:45	3	X	2			1		X					X	X					X			X	X
	Monitor Well #3	8/29/2006	11:10	3	X	2			1		X					X	X					X			X	X
	Monitor Well #4	8/29/2006	9:30	3	X	2			1		X					X	X					X			X	X
	Source Monitor Well	8/29/2006	14:25	3	X	2			1		X					X	X					X			X	X

Special Instructions:

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

Sample Containers Intact? 6
Labels on container? 6
Custody Seals? 6
Temperature Upon Receipt: 10.0
Laboratory Comments: W/labels

Received by:

Date

Time

Date

Time

Date

Time

James Johnson

8/31/06

5:20

8/31/06

10:15

8/31/06

10:15

Received by EGT

8/31/06

10:15

8/31/06

10:15

8/31/06

10:15

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

Client: Fire Op.
Date/ Time: 8/31/06 10:15
Lab ID #: 6H31005
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