AP. 27

ANNUAL MONITORING REPORT

YEAR(S): 2007

Whole Earth Environmental, Inc.

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

January 23, 2008

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

Attn: Edward Hansen

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. Hansen:

Enclosed, please find the 2007 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
- Laboratory analytical reports

Overall, the water quality within the monitor wells continues to improve with chloride concentrations having dropped by about 50% in the wells located within the removal system's radius of influence.

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.

RECEIVED



Executive Summary

Location

The site is located approximately five miles southeast of Eunice, New Mexico on fee land. The primary land use of the area is for the grazing of cattle. The legal description of the site is Unit E, Section 15, Township 22S, Range 37E.

Site History

The surface soils were initially remediated in October, 2001 with groundwater delineation investigations beginning in late December. A total of eight borings were advanced consisting of three "dry holes" a recovery well and four monitor wells. The initial recovery well operated sporadically for two years but due to low recharge and extremely silty conditions within the wellbore, the well was plugged in the second quarter and a new recovery well (previously, MW-2) was brought on line.

The second solar powered recovery well initially produced up to sixty gallons per minute for sustained periods of up to two weeks. The system has shown recent signs of silting in – not only reducing the discharge volumes by 20-30 gallons per hour but also requiring that the pumps be changed out with increasing frequency.

The effect in groundwater chloride concentrations has been dramatic within those wells located within the recovery system's radius of influence. The chloride concentrations within MW-1 have been reduced from over 800 ppm to 430. The second recovery well's chloride concentrations went from a high of 42,500 to 9,500 ppm in the last measurement.

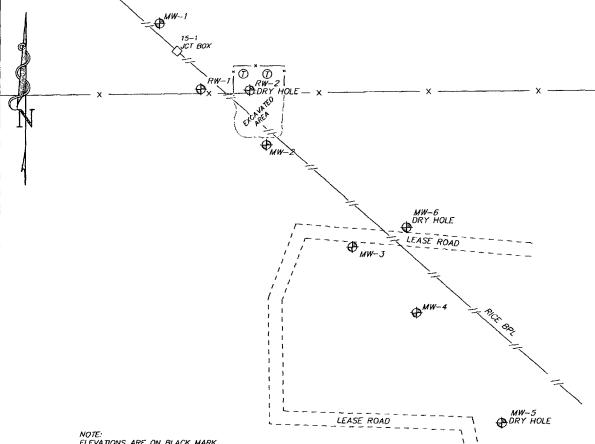
The chloride concentrations within the two outlying monitor wells, unaffected by active pumping, have remained the same over the five year monitoring span.



Exhibit Index

- 1. Site Survey
- Satellite View of Location Showing Well Locations and Chloride Concentrations
 Well Plugging Approval Letter

SECTION 15, TOWNSHIP 22 SOUTH, RANGE 37 EAST, N.M.P.M., NEW MEXICO. LEA COUNTY, DETAIL SHEET



NOTE: ELEVATIONS ARE ON BLACK MARK ON NORTH SIDE OF PVC CASING.

NEW MEXICO STATE PLANE COORDINATES (NAD83)

WELL	NORTHING	EASTING	LATITUDE	LONGITUDE	ELEV. PVC	ELEV. GRND
MW-1	509838.023	904417.717	N 32°23'46.1"	W 103'09'25.3"	3401.26'	
MW-2	509432.576	904769.800	N 32'23'42.0"	W 103'09'21.2"	3401.95'	
MW-3	509092.570	905053.734	N 32°23'38.6"	W 103'09'18.0"	3402.45	
MW-4	508872.816	905265.018	N 32'23'36.4"	W 103°09'15.5"	3402.02'	
MW-5	508505.958	905546.253	N 32'23'32.8"	W 103'09'12.3"		3400.18
MW-6	509156.920	905230.789	N 32'23'39.2"	W 103'09'15,9"		3398.25
RW-1	509619.970	904554.360	N 32°23'43.9"	W 103°09'23.7"	3401.34	
RW-2	509616.116	904714.514	N 32'23'43.8"	W 103'09'21.8"	CONC PAD	- <i>3399.13</i> '

SCALE: 1" = 300'

300

I HEREBY FROM FIE MEETS OF PLAT WAS PREPARED TUAL SURVEY AND REMENTS FOR LAND STATE. GARY No. 7977

BASIN SURVEYS P.O. BOX 1786-HOBBS, NEW MEXICO

Disk: JMS 18353MW

W.O. Number: 18353 Drawn By: J. M. SMALL

07-31-2007

Survey Date: 07-30-2007

Sheet

of

Sheets

600 FEET

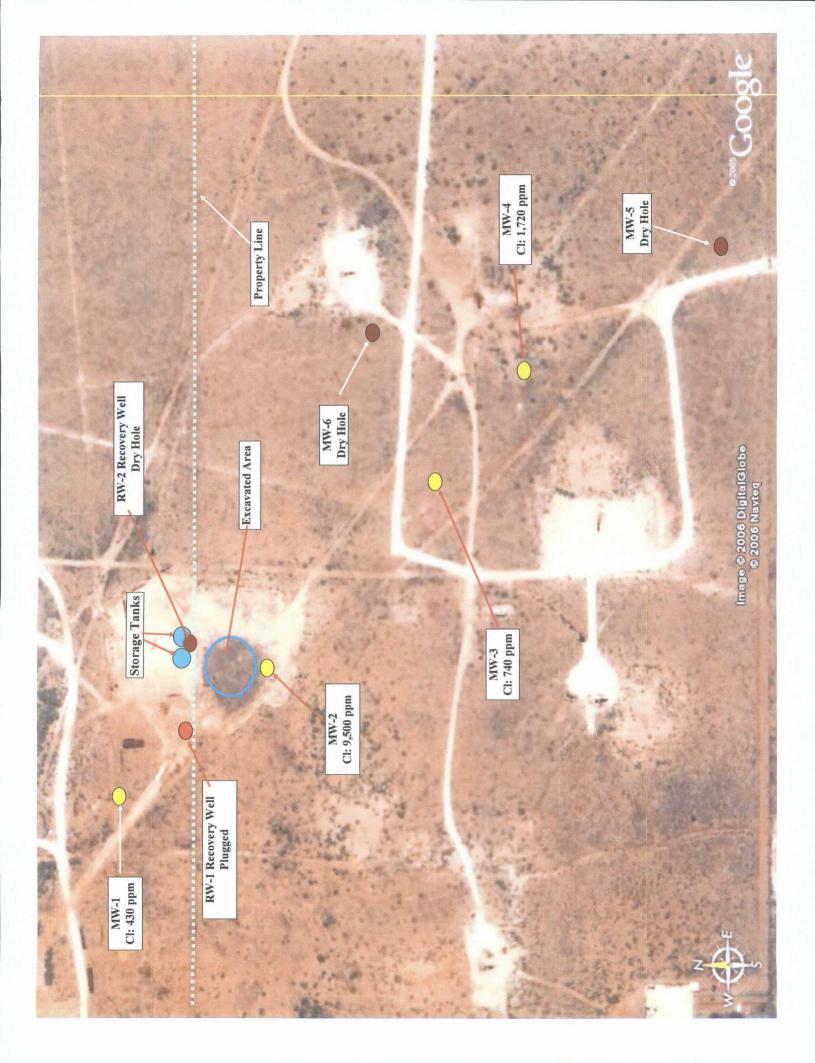
RICE OPERATING COMPANY

REF: E-15 SITE

300

MONITOR WELLS LOCATED IN SECTION 15, TOWNSHIP 22 SOUTH, RANGE 37 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO.

Windows Live	Home Hotmail Spaces OdeCare MSN To whearths ms i.com Sign out
Inbox Junk	New Reply Reply all Forward Delete Junk Move to Options 🍪
Drafts	RE: Rice BD E-15 AP-27 Status
Sent	
Deleted	Fron. Price, Wayne, EMNRD (wayne.price@state.nm.us) Sent: The 5/17/07 9:03 AM
Anadarko Ni	To: Mike Griffin (whearth@msn.com); VonGonten, Glenn, EMNRD (Glenn, VonGonten@state.nm.us)
CDM Max	Cc: chaynes@riceswd.com; kpope@riceswd.com
Chaparral Chaparral	OCD hereby approves. Please make sure this approval is included in your final report.
Chaparral	
Devon ARCO 20	
Devon Avaion	
Devon BFDU-9	
Devon BLM	From: Mike Griffin [mailto:whearth@msn.com]
Devon Carb	Sent: Wednesday, May 16, 2007 1:38 PM
Devon Carl	To: Price, Wayne, EMNRD; VonGonten, Glenn, EMNRD
Devon Dick	Cc: chaynes@riceswd.com; kpope@riceswd.com
Devon EF Ray	Subject: Rice BD E-15 AP-27 Status
Devon Gauc	
Devon Gidd	Good Afternoon, All:
Devon John Devon Jordan	
	It was a busy week last week but I'm finally back in Katy for a few days. I thought it prudent to update everyone on
Devon Lega	where we are at the E-15 location.
Devon Neal	
Devon Octiflo	Within the past few weeks, Rice obtained the necessary agreement with the landowner to run a pipe from the
Devon Pant	recovery well (Old MW-2) to the tanks. Immediately upon reaching the agreement, Rice set the support pole for the
Devon Patsy	PV panels and laid a buried line plumbed with a flow meter to the tanks.
Devon Pure	Whole Earth spent several days last week installing the downhole pump, panels etc. and managed to get a flow of
Devon Shugart	one gpm for a single day. We diagnosed the problem as requiring more power so we are installing a second set of
Devon Stoc Devon Waste	two panels and two new deeper cycle batteries next Monday.
Duke Energy EOG Resources	In our meeting in Sante Fe last week, I described the condition of the existing recovery well. The formation (always
Hunt Petro	marginal, at best) finally silted up several feet above the downhole pump. We are formally requesting that we be
Legal	allowed to abandon the pump in place and grout the well to surface.
Lehrer Int	N
McAfee Ant	Please let me know if you've any questions or comments.
Merit Silsbee	
Phoenix BB	Mike Griffin
Phoenix Burro	
Phoenix La	Whole Earth Environmental, Inc.
Quantum Co	
Rice Abo	Phone: 281.394.2050
Rice Clerical	5.11 20.20.20.20.20
Rice E-15	FAX: 281.394.2051
Rice K-33-1	
Rice Sarah	
Samson Corn	This inbound email has been scanned by the MessageLabs Email Security System.
Santos	
Shell Rosita	
Smart Box	
Swift Fore	Confidentiality, Nation, This a mail including all attachments is far the calculus of the intended and including
Swift La. Pit	Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or
Swift Lebo	distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If
Swift McCl	you are not the intended recipient, please contact the sender and destroy all copies of this message This
TEPPCO	email has been scanned by the Sybari - Antigen Email System.
Tipperacy	
Tipperary LSL	
Unit Corp.	





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 Sec 15E ~ Lea County New Mexico

Lab Order Number: 7B16010

Report Date: 02/28/07

Project Number: 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	7B16010-01	Water	02/12/07 13:20	02-16-2007 09:40
Monitor Well #2	7B16010-02	Water	02/12/07 12:05	02-16-2007 09:40
Monitor Well #3	7B16010-03	Water	02/12/07 11:10	02-16-2007 09:40
Monitor Well #4	7B16010-04	Water	02/12/07 09:55	02-16-2007 09:40
Source Well	7B16010-05	Water	02/12/07 14:40	02-16-2007 09:40

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	Note:
Monitor Well #1 (7B16010-01) Water				Dianon	Datei	. repared	rmaryzou	WICHIOU	14016
Benzene	ND	0.00100	mg/L	1	EB72104	02/21/07	02/22/07	EPA 8021B	
Toluene	ND	0.00100	n	n	**	"	**	"	
Ethylbenzene	ND	0.00100		**	**	"	77	*	
Xylene (p/m)	ND	0.00100	n	**	Ħ	n	**	**	
Xylene (o)	ND	0.00100	n	н	н	**	н	"	
Surrogate: a,a,a-Trifluorotoluene		107 %	80-1	20	"	"	"	n	
Surrogate: 4-Bromofluorobenzene		111 %	80-1	20	n	"	n	"	
Monitor Well #2 (7B16010-02) Water									
Benzene	ND	0.00100	mg/L	1	EB72104	02/21/07	02/22/07	EPA 8021B	
Toluene	ND	0.00100	"	**	**	11	**	*	
Ethylbenzene	ND	0.00100	"	**	"	"	**	n	
Xylene (p/m)	ND	0.00100	11	**	"	"	"	n	
Xylene (o)	ND	0.00100	n	"	11	"	"	Ħ	
Surrogate: a,a,a-Trifluorotoluene		102 %	80-1	20	"	n	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	n	
Surrogate: 4-Bromofluorobenzene		111 %	80-1	20	**	"	n	#	
Monitor Well #3 (7B16010-03) Water									
Benzene	ND	0.00100	mg/L	1	EB72104	02/21/07	02/22/07	EPA 8021B	
Toluene	ND	0.00100	n	н	"	"	77	•	
Ethylbenzene	ND	0.00100	"	**	*	u	**	n	
Xylene (p/m)	ND	0.00100	*	#	*	*	"	н	
Xylene (o)	ND	0.00100	н	**	"	**	"	"	
Surrogate: a,a,a-Trifluorotoluene		104 %	80-1	20	"	"	"	n	
Surrogate: 4-Bromofluorobenzene		106 %	80-1	20	"	"	n	n	
Monitor Well #4 (7B16010-04) Water									
Benzene	ND	0.00100	mg/L	1	EB72104	02/21/07	02/22/07	EPA 8021B	
Toluene	ND	0.00100	**	•	"	n	n	•	
Ethylbenzene	ND	0.00100	**	•	,,	"	•	**	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	TI.	
Xylene (o)	ND	0.00100	н	**	n	"	n	u	
Surrogate: a,a,a-Trifluorotoluene		101 %	80-1.	20	,,	n	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	80-1.	20	"	,,	"	"	

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.

Project: BD E-15 Leak

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

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Source Well (7B16010-05) Water									
Benzene	ND	0.00100	mg/L	1	EB72104	02/21/07	02/22/07	EPA 8021B	
Toluene	ND	0.00100	**	"	"	н	•	n	
Ethylbenzene	ND	0.00100		"	**	"	n	n	
Xylene (p/m)	ND	0.00100	n	**	**		"	n	
Xylene (o)	ND	0.00100	π	"	"	ıı	**		
Surrogate: a,a,a-Trifluorotoluene		103 %	80-12	20	n	"	n	7	
Surrogate: 4-Bromofluorobenzene		105 %	80-12	20	"	"	"	n	

Fax: (505) 397-1471

Project Number: 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	D'1 .'	D. I	D		14 d. l.	. .
Analyte	Resuit	Lund	Onns	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (7B16010-01) Water									
Total Alkalinity	252	2.00	mg/L	1	EB71701	02/17/07	02/17/07	EPA 310.1M	
Chloride	587	12.5	77	25	EB72203	02/22/07	02/22/07	EPA 300.0	
Total Dissolved Solids	1460	10.0	11	1	EB72001	02/16/07	02/17/07	EPA 160.1	
Sulfate	249	12.5	"	25	EB72203	02/22/07	02/22/07	EPA 300.0	
Monitor Well #2 (7B16010-02) Water									
Total Alkalinity	300	2.00	mg/L	1	EB71701	02/17/07	02/17/07	EPA 310.1M	
Chloride	12800	250		500	EB72203	02/22/07	02/22/07	EPA 300.0	
Total Dissolved Solids	19500	10.0	**	1	EB72001	02/16/07	02/17/07	EPA 160.1	
Sulfate	691	250	n	500	EB72203	02/22/07	02/22/07	EPA 300.0	
Monitor Well #3 (7B16010-03) Water									
Total Alkalinity	134	2.00	mg/L	1	EB71701	02/17/07	02/17/07	EPA 310.1M	
Chloride	768	12.5	**	25	EB72203	02/22/07	02/22/07	EPA 300.0	
Total Dissolved Solids	1830	10.0	n	1	EB72001	02/16/07	02/17/07	EPA 160.1	
Sulfate	175	12.5	"	25	EB72203	02/22/07	02/22/07	EPA 300.0	
Monitor Well #4 (7B16010-04) Water									
Total Alkalinity	148	2.00	mg/L	1	EB71701	02/17/07	02/17/07	EPA 310.1M	
Chloride	1850	25.0	π	50	EB72203	02/22/07	02/22/07	EPA 300.0	
Total Dissolved Solids	3710	10.0	n	1	EB72001	02/16/07	02/17/07	EPA 160.1	
Sulfate	561	25.0	11	50	EB72203	02/22/07	02/22/07	EPA 300.0	
Source Well (7B16010-05) Water									
Total Alkalinity	336	2.00	mg/L	1	EB71701	02/17/07	02/17/07	EPA 310.1M	
Chloride	1350	25.0	*	50	EB72203	02/22/07	02/22/07	EPA 300.0	
Total Dissolved Solids	2760	10.0	"	1	EB72001	02/16/07	02/17/07	EPA 160.1	
Sulfate	234	25.0	**	50	EB72203	02/22/07	02/22/07	EPA 300.0	

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	Diluti	Datah	Dranarad	Analyzed	Method	Note
Monitor Well #1 (7B16010-01) Water	ivoani		Oilits	Dilution	Batch	Prepared	Analyzed		NOTE
Calcium	170	4.05	mg/L	50	EB72209	02/22/07	02/22/07	EPA 6010B	
Magnesium	118	1.80	mg/L	30	EB72209	"	02/22/07	# #	
Viagnesium Potassium	12.8	0.600	19			n	"	п	
Sodium	200	2.15	n	10 50	H	,,	n		
30dium	200	2.13		30					
Monitor Well #2 (7B16010-02) Water									
Calcium	1550	162	mg/L	2000	EB72209	02/22/07	02/22/07	EPA 6010B	
Magnesium	654	9.00	"	250	**	•	"	Ħ	
Potassium	106	3.00	"	50	"	n	n	n	
Sodium	5720	86.0	n	2000	u	11	11	II .	
Monitor Well #3 (7B16010-03) Water									
Calcium	192	4.05	mg/L	50	EB72209	02/22/07	02/22/07	EPA 6010B	
Magnesium	128	1.80		**	**	"	π	n	
Potassium	14.4	0.600	"	10	"	**	n	н	
Sodium	162	2.15	*	50	**	11	"	n	
Monitor Well #4 (7B16010-04) Water									
Calcium	505	20.2	mg/L	250	EB72209	02/22/07	02/22/07	EPA 6010B	
Magnesium	260	1.80	**	50	"	"	н		
Potassium	22.0	0.600	"	10	n	**	11	11	
Sodium	226	2.15	n	50	"	*	11	n	
Source Well (7B16010-05) Water									
Calcium	75.7	4.05	mg/L	50	EB72209	02/22/07	02/22/07	EPA 6010B	
Magnesium	45.1	1.80	"	"	**	•	"	**	
Potassium	30.8	0.600	•	10	"	**		77	
Sodium	864	10.8	**	250	"	"	**	Ħ	

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

		Reporting	 -	Spike	Source	· · · · · · · · · · · · · · · · · · ·	%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EB72104 - EPA 5030C (GC)										
Blank (EB72104-BLK1)				Prepared: 0)2/21/07 Aı	nalyzed: 02	/22/07			
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	11							
Xylene (p/m)	ND	0.00100	н							
Xylene (o)	ND	0.00100	11							
Surrogate: a,a,a-Trifluorotoluene	54.0		ug/l	50.0		108	80-120			
Surrogate: 4-Bromofluorobenzene	59.2		,,	50.0		118	80-120			
LCS (EB72104-BS1)				Prepared: 0	02/21/07 Aı	nalyzed: 02	/22/07			
Benzene	0.0592	0.00100	mg/L	0.0500		118	80-120			
Toluene	0.0557	0.00100	Ħ	0.0500		111	80-120			
Ethylbenzene	0.0564	0.00100	"	0.0500		113	80-120			
Xylene (p/m)	0.111	0.00100	17	0.100		111	80-120			
Xylene (o)	0.0500	0.00100	**	0.0500		100	80-120			
Surrogate: a,a,a-Trifluorotoluene	55.5		ug/l	50.0		111	80-120			
Surrogate: 4-Bromofluorobenzene	58.8		n	50.0		118	80-120			
Calibration Check (EB72104-CCV1)				Prepared: 0	2/21/07 Aı	nalyzed: 02	/23/07			
Benzene	50.0		ug/l	50.0		100	80-120			
Toluene	46.9		"	50.0		93.8	80-120			
Ethylbenzene	48.8		н	50.0		97.6	80-120			
Xylene (p/m)	95.2		"	100		95.2	80-120			
Xylene (o)	42.7		**	50.0		85.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	47.7		n	50.0		95.4	80-120			
Surrogate: 4-Bromofluorobenzene	54.6		"	50.0		109	80-120			
Matrix Spike (EB72104-MS1)	Sou	ırce: 7B16006-	01	Prepared: 0	2/21/07 A	nalyzed: 02	/23/07			
Benzene	0.0507	0.00100	mg/L	0.0500	ND	101	80-120			
Toluene	0.0463	0.00100	77	0.0500	ND	92.6	80-120			
Ethylbenzene	0.0470	0.00100	**	0.0500	ND	94.0	80-120			
Xylene (p/m)	0.0930	0.00100	**	0.100	ND	93.0	80-120			
Xylene (o)	0.0408	0.00100	#1	0.0500	ND	81.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	45.6		ug/l	50.0		91.2	80-120			
Surrogate: 4-Bromofluorobenzene	48.9		77	50.0		97.8	80-120			

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

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

Matrix Spike Dup (EB72104-MSD1)	Sour	Prepared: 03	2/21/07 A	nalyzed: 02	2/23/07				
Benzene	0.0513	0.00100	mg/L	0.0500	ND	103	80-120	1.96	20
Toluene	0.0482	0.00100		0.0500	ND	96.4	80-120	4.02	20
Ethylbenzene	0.0492	0.00100	**	0.0500	ND	98.4	80-120	4.57	20
Xylene (p/m)	0.0969	0.00100	,,	0.100	ND	96.9	80-120	4.11	20
Xylene (o)	0.0426	0.00100	**	0.0500	ND	85.2	80-120	4.32	20
Surrogate: a,a,a-Trifluorotoluene	44.3		ug/l	50.0		88.6	80-120		
Surrogate: 4-Bromofluorobenzene	53.3		"	50.0		107	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

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EB71701 - General Preparati	on (WetChem)									
Blank (EB71701-BLK1)				Prepared &	Analyzed	02/17/07				
Total Alkalinity	ND	2.00	mg/L							
LCS (EB71701-BS1)				Prepared &	Analyzed	02/17/07				
Total Alkalinity	192	2,00	mg/L				85-115			
Bicarbonate Alkalinity	230	2.00	#	200		115	85-115			
Duplicate (EB71701-DUP1)	Sou	rce: 7B16006-	01	Prepared &	Analyzed:	02/17/07				
Total Alkalinity	280	2.00	mg/L		290			3.51	20	
Reference (EB71701-SRM1)				Prepared &	Analyzed:	02/17/07				
Total Alkalinity	264		mg/L	250		106	90-110			
Batch EB72001 - Filtration Prepara	tion									
Blank (EB72001-BLK1)				Prepared: (02/16/07 A	nalyzed: 02	2/17/07			
Total Dissolved Solids	ND	10.0	mg/L							
Duplicate (EB72001-DUP1)	Sou	rce: 7B16006-	01RE1	Prepared: ()2/16/07 A	nalyzed: 02	2/17/07			
Total Dissolved Solids	6260	10.0	mg/L		5970			4.74	20	
Duplicate (EB72001-DUP2)	Sou	rce: 7B16009-	03RE1	Prepared: ()2/16/07 A	nalyzed: 02	/17/07			
Total Dissolved Solids	16900	10.0	mg/L		16900			0.00	20	
Batch EB72203 - General Preparati	on (WetChem)									
Blank (EB72203-BLK1)				Prepared &	z Analyzed:	02/22/07				
Sulfate	ND	0.500	mg/L	-						
Chloride	ND	0.500	"							

Fax: (505) 397-1471

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EB72203 - General Preparation (V	VetChem)	. ,,				<u>.</u>				
LCS (EB72203-BS1)				Prepared &	Analyzed:	02/22/07				
Chloride	10.7	0.500	mg/L	10.0		107	80-120			
Sulfate	11.1	0.500	"	10.0		111	80-120			
Calibration Check (EB72203-CCV1)				Prepared &	Analyzed:	02/22/07				
Sulfate	10.3		mg/L	10.0		103	80-120			
Chloride	10.3		"	10.0		103	80-120			
Duplicate (EB72203-DUP1)	Source	e: 7B16008-	02	Prepared &	Analyzed:	02/22/07				
Sulfate	237	50.0	mg/L		226			4.75	20	
Chloride	3040	50.0	"		3060			0.656	20	
Duplicate (EB72203-DUP2)	Source	e: 7B16010-	01	Prepared &	z Analyzed:	02/22/07				
Chloride	573	12.5	mg/L		587			2.41	20	
Sulfate	246	12.5	"		249			1.21	20	
Matrix Spike (EB72203-MS1)	Source	e: 7B16008-	02	Prepared &	Analyzed:	02/22/07				
Chloride	4180	50.0	mg/L	1000	3060	112	80-120			
Sulfate	1270	50.0	n	1000	226	104	80-120			
Matrix Spike (EB72203-MS2)	Source	e: 7B16010-	01	Prepared &	Analyzed:	02/22/07				
Chloride	872	12.5	mg/L	250	587	114	80-120			
Sulfate	527	12.5	11	250	249	111	80-120			

Potassium

Sodium

Project: BD E-15 Leak

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

Fax: (505) 397-1471

20

20

27.5

9.52

R2

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 EB72209 - 6010B/No Digestion										
Blank (EB72209-BLK1)				Prepared &	k Analyzed:	02/22/07				
Calcium	ND	0.0810	mg/L							
Magnesium	ND	0.0360	n							
Potassium	ND	0.0600	**							
Sodium	ND	0.0430	"							
Calibration Check (EB72209-CCV1)				Prepared &	Analyzed:	02/22/07				
Calcium	2.08		mg/L	2.00		104	85-115			
Magnesium	1.80		"	2.00		90.0	85-115			
Potassium	1.75		"	2.00		87.5	85-115			
Sodium	1.79		"	2.00		89.5	85-115			
Duplicate (EB72209-DUP1)	Sou	rce: 7B16006-	01	Prepared &	k Analyzed:	02/22/07				
Calcium	346	20.2	mg/L		360			3.97	20	
Magnesium	182	1.80	11		183			0.548	20	

38.2

1980

0.600

21.5

50.4

1800

Rice Operating Co.

Project: BD E-15 Leak

Project Number: None Given

Hobbs NM, 88240

Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Kristin Farris-Pope

Notes and Definitions

R2 The RPD exceeded the acceptance limit. Analyte DETECTED DET ND Analyte NOT DETECTED at or above the reporting limit Not Reported NR Sample results reported on a dry weight basis dry RPD Relative Percent Difference LCS Laboratory Control Spike MS Matrix Spike Dup Duplicate

	Dun	ENCOY		
Report Approved By:	"Tanke		Date:	2/28/2007

0 aR

Brent Barron, Laboratory Director/Corp. Technical Director Celey D. Keene, Org. Tech Director Raland K. Tuttle, Laboratory Consultant James Mathis, QA/QC Officer Jeanne Mc Murrey, Inorg. Tech Director

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

Page 11 of 11

Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East Odessa, Texas 7976\$

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

		Project Loc: T22S-R37E-Sec16E ~ Lea County New Mexico		RRP NPDE			5	472	sbilos baylos	M.O.M. zaiO listoT	×	×	×	×	×						4 30007	222 308	3.5	.5
*		ic15E ~ Lea		TRRP		Analyze For:	×			Semivolatile	×	×	×	×	×						Laboratory Comments: Sample Containers Infact? VOCs. Free of Headshare?	Labels on container(s) Custody seals on container(s) Custody seals on cooler(s)	Sample Hand Delivered by Sample Client Rep. ?	4
Project Name: BD E-15 Leak		7E-Se		dard		Anal	+	99	4g 8a Cd Cr Pb Hg i	Metals: As A	_						-		-		Om.	s on	282	ngd O
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Kristin Farris Pope	RICE Operating Company	122 W. Taylor Street	Hobbs, New Mexico 88240	(505) 393-9174	Rozanne Johnson (505)631-9310																kpope@riceswd.com	2-11-67	Date	Date
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Project Manager:	Company Name	Company Address:	ZID:	δ N O O	Sampler Signature:			ر ح			Monitor Well #1	lell #2	Monitor Well #3	Monitor Well #4	<u>e</u>						ase el			
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							(lab use only)	ORDER #	nae oujA)	16f) # 8A.J	Ö	202 Monitor Well #2	60	なり	Source Well		1 2 2 3				Special Instructions:	Reforming by by Rozanne Johns	Relinguished by:	Relinquished by:
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TAT prebnet2

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client:	Rice				
Date/ Time:	2/14/07 0940				
Lab ID#;	18600				
Initials:	Pm	•			
	Sample Receipt	Checklist		•	
					nt initials
	iture of container/ cooler?	Yes	No	-1.5 °C	
	container in good condition?	XããS	No		
	Seals intact on shipping container/ cooler?	√xes>	No	Not Present	
	Seals intact on sample bottles/ container?	A CES	No	Not Present	
	Custody present?	Yes	<u>No</u>		
	instructions complete of Chain of Custody?	√es	No		
	Custody signed when relinquished/ received?	Yes	No		
	Custody agrees with sample label(s)?	(Yes)	No	ID written on Cont./ Lid	
	er label(s) legible and intact?	(es)	No	Not Applicable	
	matrix/ properties agree with Chain of Custody?	Yes>	No		
	ers supplied by ELOT?	Yes	No		
	s in proper container/ bottle?	Yes	No	See Below	
#13 Sample	s properly preserved?	(es)	No	See Below	
	bottles intact?	Yes	No		
#15 Preserv	vations documented on Chain of Custody?	Yes)	No		
#16 Contain	ers documented on Chain of Custody?	Yes	No		
#17 Sufficie	nt sample amount for indicated test(s)?	(Yes)	No	See Below	2
#18 All sam	ples received within sufficient hold time?	Yes	No	See Below	
#19 Subcon	tract of sample(s)?	-Xes by	No	Not Applicable	
#20 VOC sa	imples have zero headspace?	(Yes)	No	Not Applicable	
	Variance Docu	mentation			
Contact:	Contacted by:			Date/ Time:	
• .					
Regarding:					
•	· · · · · · · · · · · · · · · · · · ·				
Corrective Ad	ction Taken:				
Check all tha	, , , , , , , , , , , , , , , , , , ,				
	Client understands and wou				
	Cooling process had begun	shortly after s	samnline	r event	

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 New Mexico

Lab Order Number: 7D26007

Report Date: 05/07/07

Project: BD E-15 Leak
Project Number: None Given

Project Manager: Kristin Farris-Pope

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Monitor Well # I	7D26007-01	Water	04/24/07 15:20	04-26-2007 16:25
Monitor Well # 2	7D26007-02	Water	04/24/07 13:25	04-26-2007 16:25
Monitor Well # 3	7D26007-03	Water	04/24/07 14:30	04-26-2007 16:25
Monitor Well # 4	7D26007-04	Water	04/24/07 12:30	04-26-2007 16:25

Fax: (505) 397-1471

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

Fax: (505) 397-1471

Organics by GC Environmental Lab of Texas

	D 1	Reporting	Y7 *:						
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Not
Monitor Well # 1 (7D26007-01) Water									
Benzene	ND	0.00100	mg/L	1	ED73007	04/30/07	05/01/07	EPA 8021B	
Toluene	ND	0.00100	Ħ	"	н	H	77	"	
Ethylbenzene	ND	0.00100	**	*	n	н	н	•	
Xylene (p/m)	ND	0.00100	**	**	**	н	77	n	
Xylene (o)	ND	0.00100	**	11	Ħ	Ħ	11	"	
Surrogate: a,a,a-Trifluorotoluene		107 %	80-	120	n	"	77	"	
Surrogate: 4-Bromofluorobenzene		102 %	80-	120	"	"	"	"	
Monitor Well # 2 (7D26007-02) Water									
Benzene	ND	0.00100	mg/L	1	ED73007	04/30/07	05/01/07	EPA 8021B	
Toluene	ND	0.00100		Ħ	n	и	н	n	
Ethylbenzene	ND	0.00100	"	n	"	н	"	н	
Xylene (p/m)	ND	0.00100	**	"	**	n	"	"	
Xylene (o)	ND	0.00100	H.	**	n	"	u	n	
Surrogate: a,a,a-Trifluorotoluene		108 %	80-	120	"	п	'n	π	
Surrogate: 4-Bromofluorobenzene		102 %	80-	120	"	n	"	"	
Monitor Well # 3 (7D26007-03) Water									
Benzene	ND	0.00100	mg/L	1	ED73007	04/30/07	05/01/07	EPA 8021B	
Toluene	ND	0.00100	**	"	**	"	,,	n	
Ethylbenzene	ND	0.00100	**	"	**	"	**	**	
Xylene (p/m)	ND	0.00100	**	"	**	u	"	n	
Xylene (o)	ND	0.00100	n		"	u	n	n .	
Surrogate: a,a,a-Trifluorotoluene		107 %	80-	120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	80-	120	"	"	#	n	
Monitor Well # 4 (7D26007-04) Water									
Benzene	ND	0.00100	mg/L	1	ED73007	04/30/07	05/01/07	EPA 8021B	
Toluene	ND	0.00100	"		"	**	n	,	
Ethylbenzene	ND	0.00100	**	"	**	**	"	Ħ	
Xylene (p/m)	ND	0.00100	**	н	11	u	Ħ	"	
Xylene (o)	ND	0.00100	"	11	11	"	"		
Surrogate: a,a,a-Trifluorotoluene		106 %	80-	120	*	n	n	n	
Surrogate: 4-Bromofluorobenzene		99.8 %	80-	120	"	"	"	"	

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.

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	Note
Monitor Well # 1 (7D26007-01) Water				Dilution	Dateir	repared	Anaryzeu	Iviculou	14010
(1)20007-01) Water									
Total Alkalinity	242	2.00	mg/L	1	ED73002	04/30/07	04/30/07	EPA 310.1M	
Chloride	480	10.0	*	20	EE70307	05/03/07	05/03/07	EPA 300.0	
Total Dissolved Solids	1470	10.0	*	1	EE70209	04/27/07	05/02/07	EPA 160.1	
Sulfate	221	10.0	"	20	EE70307	05/03/07	05/03/07	EPA 300.0	
Monitor Well # 2 (7D26007-02) Water									
Total Alkalinity	236	2.00	mg/L	1	ED73002	04/30/07	04/30/07	EPA 310.1M	
Chloride	11300	100	"	200	EE70307	05/03/07	05/03/07	EPA 300.0	
Total Dissolved Solids	23500	10.0	**	1	EE70209	04/27/07	05/02/07	EPA 160.1	
Sulfate	588	100	"	200	EE70307	05/03/07	05/03/07	EPA 300.0	
Monitor Well # 3 (7D26007-03) Water									
Total Alkalinity	180	2.00	mg/L	1	ED73002	04/30/07	04/30/07	EPA 310.1M	
Chloride	664	10.0	"	20	EE70307	05/03/07	05/03/07	EPA 300.0	
Total Dissolved Solids	1730	10.0	*	1	EE70209	04/27/07	05/02/07	EPA 160.1	
Sulfate	161	10.0	"	20	EE70307	05/03/07	05/03/07	EPA 300.0	
Monitor Well # 4 (7D26007-04) Water									
Total Alkalinity	152	2.00	mg/L	1	ED73002	04/30/07	04/30/07	EPA 310.1M	
Chloride	1360	25.0	77	50	EE70307	05/03/07	05/03/07	EPA 300.0	
Total Dissolved Solids	3010	10.0	•	1	EE70209	04/27/07	05/02/07	EPA 160.1	
Sulfate	376	25.0	n.	50	EE70307	05/03/07	05/03/07	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

Total Metals by EPA / Standard Methods Environmental Lab of Texas

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well # 1 (7D26007-01) Water									
Calcium	152	4.05	mg/L	50	ED72704	04/27/07	04/27/07	EPA 6010B	
Magnesium	102	1.80	41	17	#	11	,,	н	
Potassium	13.5	0.600	n	10	"	"	"	n	
Sodium	176	4.30	11	100	"	n .	Ħ	"	
Monitor Well # 2 (7D26007-02) Water									
Calcium	1450	20.2	mg/L	250	ED72704	04/27/07	04/27/07	EPA 6010B	
Magnesium	547	9.00	**	**	tt	**	**	п	
Potassium	91.7	3.00	*	50	11	ıı	n	"	
Sodium	6100	43.0	"	1000	#	"	n	11	
Monitor Well # 3 (7D26007-03) Water									
Calcium	195	4.05	mg/L	50	ED72704	04/27/07	04/27/07	EPA 6010B	
Magnesium	137	1.80	"	ır	11	и	a	n	
Potassium	16.9	0.600	"	10	71		n	**	
Sodium	186	4.30	"	100	**	"	11	n,	
Monitor Well # 4 (7D26007-04) Water									
Calcium	484	20.2	mg/L	250	ED72704	04/27/07	04/27/07	EPA 6010B	
Magnesium	301	1.80	**	50	#	#		**	
Potassium	23.8	0.600	11	10	n	"	,,	Ħ	
Sodium	258	10.8	"	250	"			"	

Fax: (505) 397-1471

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

		Reporting	** **	Spike	Source	0/5=0	%REC	nee	RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch ED73007 - EPA 5030C (GC)										
Blank (ED73007-BLK1)				Prepared &	Analyzed:	04/30/07				
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00100	11							
Xylene (o)	ND	0.00100	17							
Surrogate: a,a,a-Trifluorotoluene	51.7		ug/l	50.0		103	80-120			
Surrogate: 4-Bromofluorobenzene	52.3		"	50.0		105	80-120			
LCS (ED73007-BS1)				Prepared &	Analyzed:	04/30/07				
Benzene	0.0564	0.00100	mg/L	0.0500		113	80-120			
Toluene	0.0571	0.00100	Ħ	0.0500		114	80-120			
Ethylbenzene	0.0575	0.00100	**	0.0500		115	80-120			
Xylene (p/m)	0.106	0.00100	**	0.100		106	80-120			
Xylene (o)	0.0575	0.00100	11	0.0500		115	80-120			
Surrogate: a,a,a-Trifluorotoluene	55.4		ug/l	50.0		111	80-120			
Surrogate: 4-Bromofluorobenzene	54.8		n	50.0		110	80-120			
Calibration Check (ED73007-CCV1)				Prepared: 0	4/30/07 A	nalyzed: 05	/01/07			
Benzene	0.0547		mg/L	0.0500		109	80-120			
Toluene	0.0555		"	0.0500		111	80-120			
Ethylbenzene	0.0550		11	0.0500		110	80-120			
Xylene (p/m)	0.102		n	0.100		102	80-120			
Xylene (o)	0.0566		n	0.0500		113	80-120			
Surrogate: a,a,a-Trifluorotoluene	53.8		ug/l	50.0		108	80-120			
Surrogate: 4-Bromofluorobenzene	53.8		"	50.0		108	80-120			
Matrix Spike (ED73007-MS1)	Sou	rce: 7D26012-	01	Prepared: 0	4/30/07 A	nalyzed: 05	/01/07			
Benzene	0.0565	0.00100	mg/L	0.0500	ND	113	80-120		·····	
Toluene	0.0568	0.00100	n	0.0500	ND	114	80-120			
Ethylbenzene	0.0549	0.00100		0.0500	ND	110	80-120			
Xylene (p/m)	0.105	0.00100		0.100	ND	105	80-120			
Xylene (o)	0.0577	0.00100	11	0.0500	ND	115	80-120			
Surrogate: a,a,a-Trifluorotoluene	54.0		ug/l	50.0		108	80-120			
Surrogate: 4-Bromofluorobenzene	53.6		"	50.0		107	80-120			

Surrogate: a,a,a-Trifluorotoluene

Surrogate: 4-Bromofluorobenzene

Project: BD E-15 Leak

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

ality Control

Organics by GC - Quality Control Environmental Lab of Texas

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch ED73007 - EPA 5030C (GC)										
Matrix Spike Dup (ED73007-MSD1)	Sour	rce: 7D26012-	01	Prepared: 0	04/30/07 A	nalyzed: 05	/01/07			
Benzene	0.0542	0.00100	mg/L	0.0500	ND	108	80-120	4.52	20	
Toluene	0.0551	0.00100	"	0.0500	ND	110	80-120	3.57	20	
Ethylbenzene	0.0561	0.00100	•	0.0500	ND	112	80-120	1.80	20	
Xylene (p/m)	0.102	0.00100	**	0.100	ND	102	80-120	2.90	20	
Xylene (o)	0.0557	0.00100	"	0.0500	ND	111	80-120	3.54	20	

ug/l

50.0

50.0

105

106

80-120

80-120

52.7

52.8

Fax: (505) 397-1471

Rice Operating Co.

Project: BD E-15 Leak

Fax: (505) 397-1471

122 W. Taylor

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

Hobbs NM, 88240

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch ED73002 - General Preparatio	n (WetChem)									
Blank (ED73002-BLK1)				Prepared &	: Analyzed:	04/30/07				
Total Alkalinity	ND	2.00	mg/L							
LCS (ED73002-BS1)				Prepared &	Analyzed:	04/30/07				
Total Alkalinity	0.00	2,00	mg/L				85-115			
Bicarbonate Alkalinity	180	2.00	**	200		90.0	85-115			
Duplicate (ED73002-DUP1)	Sou	rce: 7D26006-	01	Prepared &	Analyzed:	04/30/07				
Total Alkalinity	214	2.00	mg/L		218			1.85	20	
Bicarbonate Alkalinity	0.00	2.00	"		0.00				20	
Reference (ED73002-SRM1)				Prepared &	: Analyzed:	04/30/07				
Total Alkalinity	256	1 12 12 13 14 14 14 14 14 14 14 14 14 14 14 14 14	mg/L	250		102	90-110			
Total Alkalinity Batch EE70209 - General Preparatio			mg/L	250		102	90-110			
,			mg/L)4/27/07 Ar					
Batch EE70209 - General Preparatio		10.0	mg/L		04/27/07 Ar					
Batch EE70209 - General Preparatio Blank (EE70209-BLK1)	n (WetChem)	10.0 rce: 7 D2600 7-	mg/L	Prepared: ()4/27/07 Ar)4/27/07 Ar	nalyzed: 05	/02/07			
Batch EE70209 - General Preparatio Blank (EE70209-BLK1) Total Dissolved Solids	n (WetChem)		mg/L	Prepared: (nalyzed: 05	/02/07	2.02	20	
Batch EE70209 - General Preparatio Blank (EE70209-BLK1) Total Dissolved Solids Duplicate (EE70209-DUP1)	n (WetChem) ND Soul	rce: 7D26007-	mg/L 01 mg/L	Prepared: ()4/27/07 Ar	nalyzed: 05	/02/07	2.02	20	
Batch EE70209 - General Preparatio Blank (EE70209-BLK1) Total Dissolved Solids Duplicate (EE70209-DUP1) Total Dissolved Solids	n (WetChem) ND Soul	rce: 7D26007- 10.0	mg/L 01 mg/L	Prepared: (04/27/07 Ar 1470	nalyzed: 05	/02/07	2.02	20	
Batch EE70209 - General Preparatio Blank (EE70209-BLK1) Total Dissolved Solids Duplicate (EE70209-DUP1) Total Dissolved Solids Duplicate (EE70209-DUP2)	ND Sour	rce: 7D26007- 10.0 rce: 7D26009-	mg/L 01 mg/L	Prepared: ()4/27/07 Ar 1470)4/27/07 Ar	nalyzed: 05	/02/07			
Batch EE70209 - General Preparatio Blank (EE70209-BLK1) Total Dissolved Solids Duplicate (EE70209-DUP1) Total Dissolved Solids Duplicate (EE70209-DUP2) Total Dissolved Solids	ND Sour	rce: 7D26007- 10.0 rce: 7D26009-	mg/L 01 mg/L	Prepared: ()4/27/07 Ar 1470)4/27/07 Ar	nalyzed: 05 nalyzed: 05 nalyzed: 05	/02/07			
Batch EE70209 - General Preparatio Blank (EE70209-BLK1) Total Dissolved Solids Duplicate (EE70209-DUP1) Total Dissolved Solids Duplicate (EE70209-DUP2) Total Dissolved Solids Batch EE70307 - General Preparatio	ND Sour	rce: 7D26007- 10.0 rce: 7D26009-	mg/L 01 mg/L	Prepared: ()4/27/07 Ar 1470)4/27/07 Ar 684	nalyzed: 05 nalyzed: 05 nalyzed: 05	/02/07			

Project: BD E-15 Leak
Project Number: None Given

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

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EE70307 - General Preparation (WetC	hem)									
LCS (EE70307-BS1)				Prepared &	Analyzed:	05/03/07				
Chloride	9.62	0.500	mg/L	10.0		96.2	80-120			
Sulfate	10.0	0.500	"	10.0		100	80-120			
Calibration Check (EE70307-CCV1)				Prepared &	Analyzed:	05/03/07				
Sulfate	11.6		mg/L	10.0		116	80-120			
Chloride	8.93		n	10,0		89.3	80-120			
Duplicate (EE70307-DUP1)	Source: 7D26006-01				Analyzed:	05/03/07				
Sulfate	342	12.5	mg/L		339			0.881	20	
Chloride	941	50.0	n		917			2.58	20	
Duplicate (EE70307-DUP2)	Sour	ce: 7D26010-	01	Prepared &						
Sulfate	74.1	5.00	mg/L		75.5			1.87	20	
Chloride	93.1	5.00	n		94.3			1.28	20	
Matrix Spike (EE70307-MS1)	Soui	ce: 7D26006-	01	Prepared &	Analyzed:	05/03/07				
Sulfate	728	12.5	mg/L	250	339	156	80-120			M1
Matrix Spike (EE70307-MS2)	Sour	ce: 7D26010-	01	Prepared &	Analyzed:	05/03/07				
Chloride	278	5.00	mg/L	100	94.3	184	80-120			MI
Sulfate	204	5.00	**	100	75.5	128	80-120			MI
Matrix Spike (EE70307-MS3)	Sou	ce: 7D26006-	01	Prepared & Analyzed: 05/03/07						
Chloride	1800	50.0	mg/L	1000	917	88.3	80-120			

Fax: (505) 397-1471

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 - Quality Control Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch ED72704 - 6010B/No Digestion								-	·	
Blank (ED72704-BLK1)				Prepared &	: Analyzed:	04/27/07	-			
Calcium	ND	0.0810	mg/L							
Magnesium	ND	0.0360	•							
Potassium	ND	0.0600	•							
Sodium	ND	0.0430	"							
Calibration Check (ED72704-CCV1)				Prepared &	: Analyzed:	04/27/07				
Calcium	2.13		mg/L	2.00		106	85-115			
Magnesium	2.15		"	2.00		108	85-115			
Potassium	2.14		•	2.00		107	85-115			
Sodium	1.98		"	2.00		99.0	85-115			
Duplicate (ED72704-DUP1)	Sou	Prepared &	: Analyzed:	04/27/07						
Calcium	44.1	0.810	mg/L		42.4			3.93	20	
Magnesium	43.0	0.360	"		42.4			1.41	20	
Potassium	22.7	0.600	"		22.1			2.68	20	
Sodium	41.9	0.430			40.8			2.66	20	

Rice Operating Co.

Project: BD E-15 Leak
Fax: (505) 397-1471

Project Number: None Given

Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Kristin Farris-Pope

Notes and Definitions

The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS). M1 Analyte DETECTED DET ND Analyte NOT DETECTED at or above the reporting limit NR Not Reported Sample results reported on a dry weight basis dry Relative Percent Difference RPD LCS Laboratory Control Spike MS Matrix Spike Dup Duplicate

	Bur Berron		
Report Approved By:		Date:	5/7/2007

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

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

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East Odessa, Texas 79765

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

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kpope@riceswd.com			,	10	71	1	> •			Sampled	Date	4/24/2007	4/24/2007	4/24/2007	4/24/2007						matt@riceswd.com	Received by: James Sond Son	Received by:	Received by ELOT. $\mathcal{C}_{\mathcal{N}^{\sim}}$
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Kristin Farris Pope	RICE Operating Company	122 W. Taylor Street	Hobbs, New Mexico 88240	174	Rozanne Johnson (505)631-9310																kpope@riceswd.com ipurvis@riceswd.com	1) Date Time	Date 4-26-07	Date
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Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client.	Rice								
Date/ Time:	4-76-07 4:25								
Lab ID#:	7026007								
Initials:	CIL								
	Sample Receipt	Checklist		Client Initials					
#1 Temper	ature of container/ cooler?	Yes	No	-1.0 °C					
#2 Shipping	g 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 o	f Custody present?	Yes	No						
#6 Sample	instructions complete of Chain of Custody?	Yes	No						
#7 Chain o	f Custody signed when relinquished/ received?	Yes	No						
#8 Chain o	f Custody agrees with sample label(s)?	Yes	No	ID written on Cont./ Lid					
#9 Contain	er label(s) legible and intact?	₹ es	No	Not Applicable					
#10 Sample	e matrix/ properties agree with Chain of Custody?	dres _	No						
#11 Contain	ners supplied by ELOT?	Yes	No						
#12 Sample	es in proper container/ bottle?	YES	No	See Below					
#13 Sample	es properly preserved?	YES	No	See Below					
#14 Sample	e bottles intact?	Yes?	No						
#15 Preser	vations documented on Chain of Custody?	(Yes	No						
#16 Contain	ners documented on Chain of Custody?	(Yes)	No						
#17 Sufficie	ent sample amount for indicated test(s)?	Yes	No	See Below					
#18 All sam	nples received within sufficient hold time?	Yes	No	See Below					
#19 Subcor	ntract of sample(s)?	Yes	No	Not Applicable					
#20 VOC s	amples have zero headspace?	Yes	No	Not Applicable					
Variance Documentation Contact: Contacted by: Date/ Time: Regarding:									
Corrective A	action Taken:								
Check all the	at Apply: See attached e-mail/ fax Client understands and wou Cooling process had begun								



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

ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: KRISTIN FARRIS-POPE

122 W. TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 09/26/07

Reporting Date: 09/27/07 Project Number: NOT GIVEN

Project Name: BD E-15 LEAK

Project Location: T22S-R37E-SEC15E ~ LEA COUNTY, NM

Sampling Date: 09/24/07

Sample Type: GROUNDWATER Sample Condition: COOL & INTACT

Sample Received By: SB

0.091

0.100

91.1

5.4

0.260

0.300

86.8

4.1

Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYL BENZENE (mg/L)	TOTAL XYLENES (mg/L)
ANALYSIS DA	TE	09/27/07	09/27/07	09/27/07	09/27/07
H13384-1	MONITOR WELL #1	<0.002	<0.002	<0.002	<0.006
H13384-2	MONITOR WELL #2	<0.002	<0.002	<0.002	<0.006
H13384-3	MONITOR WELL #3	<0.002	<0.002	<0.002	<0.006
H13384-4	MONITOR WELL #4	<0.002	<0.002	<0.002	<0.006

0.096

0.100

96.0

0.2

0.091

0.100

91.2

4.8

METHOD: EPA SW-846 8260

Relative Percent Difference

Quality Control

True Value QC

% Recovery

Chemist

Date



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

ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: KRISTIN FARRIS-POPE 122 W. TAYLOR STREET HOBBS, NM 88240

Ca

Ma

FAX TO: (505) 397-1471

Na

Receiving Date: 09/26/07 Reporting Date: 10/04/07 Project Owner: NOT GIVEN

Project Name: BD E-15 LEAK
Project Location: T22S-R37E-SEC15E~LEA COUNTY, NM

Sampling Date: 09/24/07 Sample Type: WATER

Sample Condition: COOL & INTACT

Conductivity

T-Alkalinity

Sample Received By: SB Analyzed By: HM/KS

		Na	Ca	ivig	K	Conductivity	i-Alkalinity
LAB NUMBER	SAMPLE ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(uS/cm)	(mgCaCO ₃ /L)
ANALYSIS DAT	E:	10/03/07	10/02/07	10/02/07	10/02/07	09/28/07	09/28/07
H13384-1	MONITOR WELL #1	274	129	99.2	9.00	2,450	244
H13384-2	MONITOR WELL #2	4502	1011	436	57.9	25,800	176
H13384-3	MONITOR WELL #3	209	196	123	10.2	2,830	136
H13384-4	MONITOR WELL #4	321	452	262	19.5	5,590	120
Quality Control		NR	51.9	49.2	1.91	9,790	NR
True Value QC		NR	50.0	50.0	2.00	10,000	NR
% Recovery		NR	104	98.4	95.7	97.9	NR
Relative Percen	t Difference	NR	2.5	3.2	1.6	1.3	NR
METHODS:		SM3	3500-Ca-D	3500-Mg E	8049	120.1	310.1
		CI ⁻	SO ₄	CO ₃	HCO ₃	pН	TDS
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(s.u.)	(mg/L)
ANALYSIS DAT		10/01/07	10/03/07	09/28/07	09/28/07	09/28/07	09/28/07
H13384-1	MONITOR WELL #1	528	337	0	298	7.20	1,382
H13384-2	MONITOR WELL #2	9,497	605	0	215	7.49	16,202
H13384-3	MONITOR WELL #3	750	261	0	166	7.36	2,265
H13384-4	MONITOR WELL #4	1,600	535	0	146	7.22	3,924
Quality Control	A STANDARD OF THE STANDARD OF	500	27.8	NR	1013	6.99	NR
True Value QC		500	25.0	NR	1000	7.00	NR
% Recovery		100	111	NR	101	99.9	NR
Relative Percen	t Difference	2.0	2.6	NR	1.3	0.3	NR
METHODS:							

Mister Suprobo

10/04/07 Date Page 1 of 1

Table Care Cardinal Laboratories Face Cardinal Laboratories Face CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	LAB Order ID#		(Circle or Specify Method No.)			7177	(505)397-1471	 	96	pue H ə	By September 1999	lornet.com	12 HG	5.7 T S S S S S S S S S S S S S S S S S S	202 200 1005 1006 2008 2008 2008 2008 2008 2008 2008 2	(70, 18/6 18/6	(2000) 802.9 802.9 802.0 802.0 808.0	DATE TIME TIME TOTAL 9-24 12:40 X X X X	9-24 13:20 X X X X	9-24 11:20 X X X X	9-24 10:15 X X X				ime: Phone Results Yes No	え:ゲム Fax Results Yes No Additional Fax Number.	ime: REMARKS:	Email Results to: kpope@riceswd.com	<u>rozanne@valornet.com</u>			
Project Scientist Street - Hobbs, New Mexico 88240 11s-Pope, Project Scientist Street - Hobbs, New Mexico 88240 19174 Project Name: BD E-15 Leak BD E-15 Leak BD E-15 Leak Monitor Well #1 Monitor Well #3 Monitor Well #3 Monitor Well #4 FIELD CODE FIELD CODE FIELD CODE (Gircle One) (Gircle One)		Laboratories,	Company: Operating	Address:	122 W Tavlor Street ~ Hobbs New Maxico 88240	122 VI 143101 OHICCI 1100005, 100H 1100000 OCC440		and the state of the same of t	397-1471		1412	Signat	FTA rozanne@valornet.com	PR		(4	∳O√ II	1-1Fife 20 ⁴ 3 (5 40m	WATE SOIL HUO3 HCL (HUO3 N3HS N3HS N3HS	X 2	×	×	×				7	Burnes 9/26/07	(Laboratory Staff)		Cool infact	
#####################################			rating Company		rris-Pope Project Scientist		(Sireet, City, Lip)			Project Name:	BD E-15 Leak					du				Monitor Well #1	Monitor Well #2	Monitor Well #3				1	Date: Time:	-9-24-07 1545	Date: Time:		UPS - Bus - Other:	



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

Receiving Date: 12/04/07

Reporting Date: 12/05/07

Project Number: NOT GIVEN

Project Name: BD E-15 LEAK

Project Location: T22S-R37E-SEC15E ~ LEA COUNTY, NM

Sampling Date: 11/30/07

Sample Type: WATER

Sample Condition: COOL & INTACT

Sample Received By: NF

Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYL BENZENE (mg/L)	TOTAL XYLENES (mg/L)
ANALYSIS DA	E	12/05/07	12/05/07	12/05/07	12/05/07
H13834-1	MONITOR WELL #1	<0.002	<0.002	<0.002	<0.006
H13834-2	MONITOR WELL #2	<0.002	<0.002	<0.002	<0.006
H13834-3	MONITOR WELL #3	<0.002	<0.002	< 0.002	<0.006
H13834-4	MONITOR WELL #4	<0.002	<0.002	<0.002	<0.006
Quality Control		0.093	0.096	0.098	0.297
True Value QC		0.100	0.100	0.100	0.300
% Recovery		93.1	96.0	98.2	99
Relative Percer	nt Difference	2.5	2.1	3.9	3.9

METHOD: EPA 624/SW-846 8260



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

Receiving Date: 12/04/07
Reporting Date: 12/07/07
Project Number: NOT GIVEN

Project Number: NOT GIVEN Project Name: BD E-15 LEAK

Project Location: T22S-R37E-SEC15E~LEA COUNTY, NM

Sampling Date: 11/30/07 Sample Type: WATER

Sample Condition: COOL & INTACT

Sample Received By: NF Analyzed By: HM/KS

		Na	Ca	Mg	K	Conductivity	T-Alkalinity
LAB NUMBER	SAMPLE ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(uS/cm)	(mgCaCO ₃ /L)
ANALYSIS DAT	E:	12/07/07	12/07/07	12/07/07	12/07/07	12/07/07	12/07/07
H13834-1	MONITOR WELL #1	172	137	81.5	12.2	2,154	264
H13834-2	MONITOR WELL #2	4,224	1130	474	55.8	26,330	144
H13834-3	MONITOR WELL #3	192	186	109	12.7	2,834	140
H13834-4	MONITOR WELL #4	234	406	359	19.7	5,730	116
Quality Control		NR	49.2	50.8	2.88	1,404	NR
True Value QC		NR	50.0	50.0	3.00	1,413	NR
% Recovery		NR	98.5	102	96.0	99.4	NR
Relative Percen	t Difference	NR	< 0.1	1.6	12.4	1.3	NR
		<u> </u>					
METHODS:		SM:	3500-Ca-D	3500-Mg E	8049	120.1	310.1
		Cl	SO ₄	CO3	HCO ₃	pН	TDS
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(s.u.)	(mg/L)
ANALYSIS DAT	E:	12/07/07	12/07/07	12/07/07	12/07/07	12/07/07	12/05/07
H13834-1	MONITOR WELL #1	430	190	0	322	7.22	1,423
H13834-2	MONITOR WELL #2	9,500	484	0	176	7.59	17,709
H13834-3	MONITOR WELL #3	740	158	0	171	7.60	1,833
H13834-4	MONITOR WELL #4	1,720	468	0	142	7.42	3,906
Quality Control		490	28.0	NR	1000	7.04	NR
True Value QC		500	25.0	NR	1000	7.04	
% Recovery		98.0	112	NR	1000	101	NR
Relative Percen	t Difference	2.0	5.8	NR	1.2	0.1	NR NR
	2,10,0100	2.0	0.0	1417	1.2	J. 1	INIX
METHODS:		SM4500-CI-B	375.4	310.1	310.1	150.1	160.1

Busta Superior

12/07/07 Date

Address: Delivered By: Relinquished by: 101 East Marland - Hobbs, New Mexico 88240 Tel (505) 393-2326 Fax (505) 393-2476 Sampler) -H13834roject Manager: ompany Name: ONLY 122 W Taylor Street ~ Hobbs, New Mexico 88240 oject Location Kristin Farris-Pope, Project Scientist RICE Operating Company (505) 393-9174 T22S-R37E-Sec15E ~ Lea County New Mexico LAB# Shed by (Street, City, Zip) UPS Monitor Well #2 Monitor Well #1 Monitor Well #4 Monitor Well #3 (Circle One) 2-4-07 Bus -Date: Date: FIELD CODE BD E-15 Leak Project Name Other: Time: Time: Cardinal Laboratories, 34,5 Fax # Sample Condition Received By: Received by (505) 397-1471 (G)rab or (C)omp ଉ ଭ ଜ G BILL TO Company: Yes RICE Operating Company ö 122 W Taylor Street ~ Hobbs, New Mexico 88240 (505) 393-9174 # CONTAINERS w ω w c۵ WATER (Laboratory Staff × × × Yes Address: SOIL MATRIX AIR SLUDGE (Initials) HCL (2 40ml VOA) CHECKED BY: N N N N PRESERVATIVE HNO₃ <u>rozanne@valornet.com</u> Rozanne Johnson (505)631-9310 4.07 NaHSO₄ Street, City, Zip) H2SO4 ICE (1-1Liter HDPE) 505)397-1471 NONE SAMPLING 1140 11-30 11-30 12:40 11-30 12:00 **DATE (2007)** 10:45 9:40 TIME REMARKS: Fax Results Phone Results MTBE 8021B/602 Email Results to: BTEX 8021B/602 × × × TPH 418.1/TX1005 / TX1005 Extended (C35) CHAIN-OF-CUSTODY AND ANALYSIS REQUEST Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 LAB Order ID# TCLP Metals Ag As Ba Cd Cr Pb Se Hg Yes **TCLP Volatiles** (Circle or Specify Method No. Yes **ANALYSIS REQUEST** kpope@riceswd.com **TCLP Semi Volatiles** rozanne@valornet.com weinheimer@riceswd.com **TCLP Pesticides** 8 8 RCI GC/MS Vol. 8260B/624 Additional Fax Number GC/MS Semi. Vol. 8270C/625 PCB's 8082/608 Pesticides 8081A/608 BOD, TSS, pH Moisture Content Cations (Ca, Mg, Na, K) Anions (Cl, SO4, CO3, HCO3) × × × **Total Dissolved Solids** × Chlorides Turn Around Time ~ 24 Hours

Page 1 of

Rice Operating Company BD System E-15 Leak Site Monitor Well Chloride Concentrations (Mg/L)

7 # 2	19,675	42,500	28,000	39,000	31,600	29,200	29,200	28,500	25,200	23,900	25,400	18,000	23,900	24,400	17,200	17,700	16,200	15,500	12,800	11,300	9,497	9,500
Monitor Well # 2	01/23/01	04/09/02	06/07/02	10/23/02	12/30/02	04/14/03	06/19/03	10/11/03	05/08/04	10/01/04	12/30/04	02/11/05	05/01/05	50/08/80	11/08/05	05/01/06	90/60/50	90/62/80	02/12/07	04/24/07	09/24/07	11/30/07
#		815	532	620	169	402	736	402	744	762	762	699	512	1760 ?	438	387	367	501	287	480	528	430
Monitor Well #		04/09/02	06/07/02	10/23/02	12/30/02	04/14/03	60/61/90	10/11/03	05/08/04	10/01/04	12/30/04	02/11/05	05/01/05	08/30/02	11/08/05	02/02/06	90/60/50	90/67/80	02/12/07	04/24/07	09/24/07	11/30/07

Monitor Well # 3		Monitor Well #	'ell # 4	Source Well #	Vell#1
01/23/01 780			-,		
04/09/02 691	L	04/09/02	1,490		
06/07/02 857	7	20/20/90	1,510	- · ·	
10/23/02 827	7	10/23/02	1,600		
12/30/02 868	I 00	12/30/02	1,610		
04/14/03 886	150	04/14/03	1,510		
06/19/03 886	<u> </u>	06/19/03	1,750	,	
10/11/03	L 2	10/11/03	1,770		
	I	05/08/04	1,880		
10/01/04 904	L	10/01/04	1,840		
12/30/04 993	<u></u>	12/30/04	1,840	12/30/04	9'1
797 797		02/11/05	1,400	02/11/05	1,1
05/01/05		50/10/50	1,970	05/01/05	2,0
08/30/05	L S	50/05/80	1,000	50/02/80	2,0
11/08/05 845	25	11/08/05	1,510	٠	
02/01/06	6	05/01/06	1,550		
206 90/60/50	7	90/60/50	1,820		
08/29/06	80	90/62/80	1,580	90/62/80	1,4
70/12/07	00	02/12/07	1,850	02/12/02	1,3
04/24/07	4	04/24/07	1,360		
09/24/07 750	0	09/24/07	1,600		
11/30/07		11/30/07	1,720		

2,030

1,680

1,430

Rice Operating Company BD System E-15 Leak Site Monitor Well Chloride Concentrations (Mg/L)

Source Well #1

L		L_	Ш	L		<u> </u>		<u> </u>	<u>. </u>													
'ell # 2	19,675	42,500	28,000	39,000	31,600	29,200	29,200	28,500	25,200	23,900	25,400	18,000	23,900	24,400	17,200	17,700	16,200	15,500	12,800	11,300	9,497	9,500
Monitor Well # 2	01/23/01	04/09/02	06/07/02	10/23/02	12/30/02	04/14/03	06/19/03	10/11/03	05/08/04	10/01/04	12/30/04	02/11/05	05/01/05	50/05/80	11/08/05	90//0/20	90/60/50	90/62/80	02/12/07	04/24/07	09/24/07	11/30/07
						<u></u>								<i>ن</i>								
/ell # 1		815	532	620	169	709	736	200	744	762	762	693	512	1760	438	387	367	501	587	480	528	430
Monitor Well # 1	140	04/09/02	70/20/90	10/23/02	12/30/02	04/14/03	06/19/03	10/11/03	05/08/04	10/01/04	12/30/04	02/11/05	05/01/05	08/30/02	11/08/05	02/02/06	90/60/50	08/29/06	02/12/07	04/24/07	09/24/07	11/30/07

780 691 857 868 886 886 992 993 797 797 769 769 769 769 769	Monitor Well #3	Vell#3	Monitor Well #	4
857 886 886 886 992 993 797 797 797 769 769 769 769 769 769	01/23/01	780	4.	
857 868 886 886 992 993 797 797 769 769 769 769 769 769	04/09/02	169	04/09/02	1,490
868 886 886 992 904 907 797 769 769 769 769 750	06/07/02	857	06/07/02	1,510
868 886 886 992 993 797 797 769 907 768 664 664	10/23/02	827	10/23/02	1,600
886 886 886 992 993 797 909 676 845 769 769 769	12/30/02	898	12/30/02	1,610
886 992 904 909 676 676 845 769 769 769 769	04/14/03	988	04/14/03	1,510
992 904 993 999 676 676 907 769 769 769 750	06/19/03	988	06/19/03	1,750
904 993 993 909 676 845 769 907 728 664 664	10/11/03	366	10/11/03	1,770
904 993 909 676 845 769 769 768 664 750			05/08/04	1,880
993 797 909 676 845 769 907 728 664 664	10/01/04	904	10/01/04	1,840
797 909 676 845 769 707 728 664 664	12/30/04	666	12/30/04	1,840
909 676 845 769 907 728 664 664	02/11/05	797	02/11/05	1,400
676 845 769 907 728 664 664	05/01/05	606	02/01/02	1,970
769 907 728 768 664 750	50/08/80	9/9	08/30/02	1,000
769 907 728 768 664 750	11/08/05	845	11/08/05	1,510
907 728 768 664 750	02/01/06	692	05/01/06	1,550
728 768 664 750	90/60/50	907	90/60/50	1,820
768 664 750 740	08/25/06	728	08/53/06	1,580
750 740	02/12/07	292	02/12/07	1,850
750	04/24/07	664	04/24/07	1,360
740	09/24/07	750	09/24/07	1,600
-	11/30/07	740	11/30/07	1,720

1,680

12/30/04 02/11/05 2,030

05/01/05

1,430

08/29/06 02/12/07

	CLIENT:	RICE Ope	erating Con	прапу	WELL ID:	Monitor Well #1
	SYSTEM:	BD			DATE:	February 12, 2007
SIT	E LOCATION:	E-15 Lea	k		SAMPLER:	Rozanne Johnson
					_	
PURG	ING METHOD	:	☐ Hand Ba	ailed 🗹 🛚 I	oump, Type:	Purge Pump
SAME	LING METHO	D:	☐ Disposa	ble Bailer[Direct from Disch	arge Hose Other:
DISPO	OSAL METHOD	OF PURG	E WATER:	☐ On-site	e Drum 🔲 Drums	SWD Disposal Facility
TOTA	L DEPTH OF V	VELL:	91.96	Feet		
	H TO WATER: HT OF WATER			Feet Feet	2	In. Well Diameter
	VOLUME:		Gal.	reel		Gallons purged prior to sampling
	TIME	TEMP. °C	COND. mS/cm	pН	PHYS	ICAL APPEARANCE AND REMARKS
<u> </u>						
	13:20	19.4	2.18	7.30	Red Silt & Sand / I	No odor.
					Samples Collected	1
					BTEX (2-40ml VO	A)
					Major lons/TDS (1	-1000ml Plastic)
		-				
COM	MENTS:					
Myron	Model 6P instr	ument used	d to obtain p	H, conducti	vity, and temperature r	measurements.
Delive	red samples to	Environme	ntal Lab of 1	exas for B	TEX, Major lons, and T	FDS analysis.
	<u> </u>					
			- W		wa	

CLIENT:	RICE OP	perating Con	npany	WELL ID: Wonitor vveil #1
SYSTEM:	BD			DATE: September 24, 2007
SITE LOCATION:	E-15 Lea	ık		SAMPLER: Rozanne Johnson
PURGING METHOD	:	☐ Hand Ba	ailed 🗹	Pump, Type: Purge Pump
SAMPLING METHO	D:	Disposa	ble Bailer[☐ Direct from Discharge Hose ☐ Other:
DIODOGAL METHOD)	_ ^	
DISPOSAL METHOD	OF PURG	SE WATER:	Un-sit	e Drum
TOTAL DEPTH OF V DEPTH TO WATER:		91.96 73.62	Feet Feet	
HEIGHT OF WATER			Feet	2 In. Well Diameter
WELL VOLUME:	2.9	Gal.		Gallons purged prior to sampling
TIME	TEMP.	COND.		DINOIGAL ARREADANGE AND DEMARKS
TIME	လူ	mS/cm	pН	PHYSICAL APPEARANCE AND REMARKS
12:40	23.6	2.45	7.37	Red Silt & Sand / No odor.
				Samples Collected
				BTEX (2-40ml VOA)
				Major lons/TDS (1-1000ml Plastic)
COMMENTS:				
Myron Model 6P instr	ument used	d to obtain pl	H, conducti	vity, and temperature measurements.
Delivered samples to	Cardinal La	ab in Hobbs,	New Mexi	co for BTEX, Major lons, and TDS analysis.

CLIENT:	RICE Op	erating Con	прапу	WELL ID: Monitor Well #1
SYSTEM:	BD			DATE: November 30, 2007
SITE LOCATION:	E-15 Lea	k		SAMPLER: Rozanne Johnson
PURGING METHOD	;	☐ Hand Ba	ailed 🗹	Pump, Type: Purge Pump
SAMPLING METHO	D:	✓ Disposa	ble Bailer[☐ Direct from Discharge Hose ☐ Other:
DISPOSAL METHOD	OF PURG	E WATER:	On-sit	e Drum Drums SWD Disposal Facility
TOTAL DEPTH OF W	VELL:	91.96	Feet	
DEPTH TO WATER: HEIGHT OF WATER			Feet Feet	2 In. Well Diameter
		Gal.	1 001	10 Gallons purged prior to sampling
	TEMP		<u> </u>	
TIME	TEMP. °C	COND. mS/cm	pН	PHYSICAL APPEARANCE AND REMARKS
12:00	19.4	2.15	7.21	Red Silt & Sand / No odor.
				Samples Collected
				BTEX (2-40ml VOA)
				Major lons/TDS (1-1000ml Plastic)
COMMENTS:				
Myron Model 6P instr	ument used	d to obtain p	H, conducti	vity, and temperature measurements.
Delivered samples to	Cardinal La	ab in Hobbs,	New Mexic	∞ for BTEX, Major lons, and TDS analysis.
W				

CLIEN1:	RICE Op	erating Con	npany	WELL ID: Monitor vveii #1
SYSTEM:	BD			DATE: February 12, 2007
SITE LOCATION:	E-15 Lea	ık		SAMPLER: Rozanne Johnson
PURGING METHOD	:	☐ Hand Ba	ailed 🗹	Pump, Type: Purge Pump
SAMPLING METHO	D:	☑ Disposa	able Bailer[☐ Direct from Discharge Hose ☐ Other:
DISPOSAL METHOL	OF PURG	SE WATER:	☐ On-sit	e Drum 🔲 Drums 🔝 SWD Disposal Facility
TOTAL DEPTH OF V	VELL:	91.96	Feet	
DEPTH TO WATER: HEIGHT OF WATER	COLUMNI:	73.59 18.37	Feet Feet	2 In. Well Diameter
WELL VOLUME:		Gal.	reet	In. Well Diameter 10 Gallons purged prior to sampling
	TEMP	0015	I	
TIME	TEMP. °C	COND. mS/cm	pН	PHYSICAL APPEARANCE AND REMARKS
	 			
13:20	19.4	2.18	7.30	Red Silt & Sand / No odor.
				Samples Collected
				BTEX (2-40ml VOA)
				Major Ions/TDS (1-1000ml Plastic)
			<u> </u>	
COMMENTS:				
				vity, and temperature measurements.
Delivered samples to	Environme	ental Lab of I	exas for B	TEX, Major lons, and TDS analysis.
				
				

CLIENT:	KICE OP	eraiing Coi	npany	WELL ID: WIOHILOF VVEII #Z
SYSTEM:	BD			DATE: February 12, 2007
SITE LOCATION:	E-15 Lea	k		SAMPLER: Rozanne Johnson
PURGING METHOD SAMPLING METHOL		☐ Hand B	ailed 🔽 able Bailer[Pump, Type: Purge Pump Direct from Discharge Hose Other:
DISPOSAL METHOD TOTAL DEPTH OF V DEPTH TO WATER: HEIGHT OF WATER WELL VOLUME:	VELL:	87.40 76.41 10.99 Gal.	On-sit	te Drum
TIME	TEMP. °C	COND. mS/cm	рН	PHYSICAL APPEARANCE AND REMARKS
12:05	19.6	32.14	6.85	Red Silt Color to Clear with no odor.
:				Samples Collected
				BTEX (2-40ml VOA)
				Major Ions/TDS (1-1000ml Plastic)
COMMENTS:	The well w	as unlocked,	, but the ca	p was still in place.
Myron Model 6P instr	ument used	d to obtain p	H, conduct	ivity, and temperature measurements.
Delivered samples to	Environme	ntal Lab of T	Texas for B	TEX, Major lons, and TDS analysis.
			···	
			<u> </u>	
· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·	

CLIENT:	RICE Op	perating Con	npany _	WELL ID: Monitor Well #2 DATE: April 24, 2007		
SYSTEM:	BD					
SITE LOCATION: E-15 Leak				SAMPLER: Rozanne Johnson		
PURGING METHOD	:	☐ Hand Ba	ailed 🗹	Pump, Type:	Purge Pump	
SAMPLING METHO	O:	☑ Disposa	ble Bailer[Direct from Disch	narge Hose Other:	
DISPOSAL METHOD	OF PURG	SE WATER:	☐ On-sit	e Drum 🔲 Drums	☑ SWD Disposal Facility	
TOTAL DEPTH OF V	VFII.	87.40	Feet			
DEPTH TO WATER:		76.44	Feet	_		
HEIGHT OF WATER WELL VOLUME:		10.96 Gal.	Feet	2 7	In. Well Diameter Gallons purged prior to sampling	
THE TOCOME.				·		
TIME	TEMP.	COND.	pН	PHYS	SICAL APPEARANCE AND REMARKS	
	10	mS/cm		<u> </u>		
				D - 1 0:11 0 - 1 1 - 1	21	
13:25	22.2	31.81	6.78	i	Clear with no odor.	
				Samples Collecte		
				BTEX (2-40ml VOA) Major Ions/TDS (1-1000ml Plastic)		
				INIAJOR IONS/TDS (i-1000mi Plastic)	
			l	<u> </u>		
		1				
COMMENTS:						
	rument use	d to obtain p	H, conduct	ivity, and temperature	measurements.	
Delivered samples to	Environme	ental Lab of T	Texas for B	TEX, Major lons, and	TDS analysis.	

CLIENT: RICE Operating Company			npany	WELL ID: Monitor Well #2
SYSTEM: BD				DATE: September 24, 2007
SITE LOCATION:	E-15 Lea	ak		SAMPLER: Rozanne Johnson
PURGING METHOD	:	☐ Hand B	ailed 🗌	Pump, Type: ** Well has designated pump.
SAMPLING METHO	D:	☐ Disposa	ble Bailer	✓ Direct from Discharge Hose ☐ Other:
DISPOSAL METHO	OF PURG	SE WATER:	☐ On-si	te Drum 🔲 Drums 💟 SWD Disposal Facility
TOTAL DEPTH OF V		**	Feet	** Well has designated pump.
DEPTH TO WATER: HEIGHT OF WATER		**	Feet Feet	2 In. Well Diameter
WELL VOLUME:	**	Gal.		** Gallons purged prior to sampling
<u> </u>	TEMB	Lagus		T
TIME	TEMP.	COND. mS/cm	pН	PHYSICAL APPEARANCE AND REMARKS
13:20	22.7	24.49	7.15	Clear with no odor.
			·	Samples Collected
				BTEX (2-40ml VOA)
				Major Ions/TDS (1-1000ml Plastic)
COMMENTS:	** Well has	designated	pump.	F-11-11-11-11-11-11-11-11-11-11-11-11-11
Myron Model 6P inst	rument use	d to obtain p	H, conduct	tivity, and temperature measurements.
Delivered samples to	Cardinal L	ab in Hobbs,	New Mex	ico for BTEX, Major Ions, and TDS analysis.
				
	····			

CLIENT: RICE Operating Company				VVELL ID. WOUNTON VVEII #2		
SYSTEM: BD				DATE: November 30, 2007		
SITE LOCATION: E-15 Leak				SAMPLER: Rozanne Johnson		
PURGING METHOD	:	☐ Hand B	ailed 🗌	Pump, Type: ** Well has designated pump.		
SAMPLING METHO	D:	Disposa	ble Bailer[Direct from Discharge Hose Other:		
DISPOSAL METHOD	OF PURG	SE WATER:	☐ On-sit	te Drum 🗌 Drums 💟 SWD Disposal Facility		
TOTAL DEPTH OF V		**	Feet Feet	** Well has designated pump.		
HEIGHT OF WATER		**	Feet	2 In. Well Diameter		
WELL VOLUME:	**	_ Gal.		Gallons purged prior to sampling		
TIME	TEMP.	COND. mS/cm	рН	PHYSICAL APPEARANCE AND REMARKS		
12:40	19.6	26.32	7.58	Clear with no odor.		
				Samples Collected		
				BTEX (2-40ml VOA)		
				Major Ions/TDS (1-1000ml Plastic)		
		l ,		141-144-145-165-16-16-16-16-16-16-16-16-16-16-16-16-16-		
COMMENTS:	** Well has	designated	pump.			
Myron Model 6P instr	rument use	d to obtain p	H, conduct	ivity, and temperature measurements.		
Delivered samples to	Cardinal L	ab in Hobbs,	New Mexi	co for BTEX, Major lons, and TDS analysis.		
	-					
		 				

CLIENT: RICE Operating Company				WELL ID:	Monitor Well #3	
SYSTEM:	BD	-		DATE:	February 12, 2007	
SITE LOCATION:	E-15 Lea	k		SAMPLER:	Rozanne Johnson	
PURGING METHOD SAMPLING METHOD		☐ Hand Ba	ailed ☑ able Bailer[Pump, Typ <u>e:</u> Direct from Disch	Purge Pump narge Hose Other:	
DISPOSAL METHOD TOTAL DEPTH OF V DEPTH TO WATER: HEIGHT OF WATER WELL VOLUME:	VELL:	99.20 79.92 19.28 Gal.	On-sit Feet Feet Feet	e Drum	SWD Disposal Facility In. Well Diameter Gallons purged prior to sampling	
TIME	TEMP. °C	COND. mS/cm	рН	PHYS	SICAL APPEARANCE AND REMARKS	
11:10	19.8	3.01	7.28	Clear with no odo	г.	
				Samples Collecte	<u>d</u>	
				BTEX (2-40ml VC	PA)	
				Major Ions/TDS (1	I-1000ml Plastic)	
				<u> </u>		
COMMENTS: Well pumps off. Myron Model 6P instrument used to obtain pH, conductivity, and temperature measurements.						
				TEX, Major lons, and		
·			· · · · · · · · · · · · · · · · · · ·			

CLIENT: RICE Operating Company			npany	WELL ID:	Monitor Well #3	
SYSTEM: BD				DATE:	April 24, 2007	
SITE LOCATION:	E-15 Lea	k		SAMPLER:	Rozanne Johnson	
				·		
PURGING METHOD	:	☐ Hand Ba	ailed 🗹	Pump, Type:	Purge Pump	
SAMPLING METHO	D:	✓ Disposa	ble Bailer[Direct from Disch	arge Hose Other:	
DISPOSAL METHOD	OF PURG	E WATER:	On-sit	e Drum 🔲 Drums	✓ SWD Disposal Facility	
TOTAL DEPTH OF V	VELL:	99.20	Feet			
DEPTH TO WATER: HEIGHT OF WATER		78.92 20.28	Feet Feet	2	In. Well Diameter	
WELL VOLUME:		Gal.	1 661	10	Gallons purged prior to sampling	
TIME	TEMP. °C	COND. mS/cm	pН	PHYS	ICAL APPEARANCE AND REMARKS	
	<u> </u>					
		2.05	7.00	Class with an adam		
14:30	24.9	2.95	7.28	Clear with no odor Samples Collected		
				BTEX (2-40ml VOA)		
				Major Ions/TDS (1-1000ml Plastic)		
				Major ions/105 (1	-1000mi Plastic)	
COMMENTS:	Well pumps					
				vity, and temperature r		
Delivered samples to	Environme	ntal Lab of I	exas for B	TEX, Major lons, and T	US analysis.	
	<u> </u>					
						

CLIENT: RICE Operating Company				WELL ID: Monitor Well #3		
SYSTEM:	BD			DATE:	September 24, 2007	
SITE LOCATION:	E-15 Lea	k		SAMPLER:	Rozanne Johnson	
PURGING METHOD	:	☐ Hand B	ailed 🗹	Pump, Type:	Purge Pump	
SAMPLING METHO	D:	✓ Disposa	able Bailer	Direct from Disch	narge Hose Other:	
DISPOSAL METHOD	OF PURG	E WATER:	☐ On-sit	e Drum 🔲 Drums	✓ SWD Disposal Facility	
TOTAL DEPTH OF V	VELL:	99.20	Feet			
DEPTH TO WATER: HEIGHT OF WATER		78.98 20.22	Feet Feet	2	In. Well Diameter	
WELL VOLUME:		Gal.	. reet	10	Gallons purged prior to sampling	
		·	T			
TIME	TEMP. °C	COND. mS/cm	рН	PHYS	SICAL APPEARANCE AND REMARKS	
		IIIO/GII				
11:20	24.1	2.83	7.30	Clear with no odo		
				Samples Collecte	d	
				BTEX (2-40ml VOA)		
	· · · · · · · · · · · · · · · · · · ·			Major Ions/TDS (1-1000ml Plastic)		
			<u> </u>			
COMMENTS:	Well pump	s off.				
Myron Model 6P insti	rument used	d to obtain p	H, conducti	ivity, and temperature	measurements.	
Delivered samples to	Cardinal La	ab in Hobbs	, New Mexi	co for BTEX, Major lo	ns, and TDS analysis.	
				-		

CLIENT: RICE Operating Company				METT ID: MOUNTOL AAGII #2		
SYSTEM: BD				DATE: November 30, 2007		
SITE LOCATION: E-15 Leak				SAMPLER: Rozanne Johnson		
PURGING METHOD: ☐ Hand Bailed ☑ F				Pump, Type: Purge Pump		
SAMPLING METHOI	D:	☑ Disposa	ble Bailer[Direct from Discharge Hose Other:		
DISPOSAL METHOD	OF PURG	SE WATER:	On-sit	e Drum Drums SWD Disposal Facility		
TOTAL DEPTH OF V	VELL:	99.20	Feet			
DEPTH TO WATER:		78.95	Feet	2 In Well Districtor		
HEIGHT OF WATER WELL VOLUME:		20.25 Gal.	Feet	2 In. Well Diameter10		
		-	I			
TIME	TEMP. °C	COND. mS/cm	pН	PHYSICAL APPEARANCE AND REMARKS		
	<u> </u>	ilio/dil				
10:45	19.7	2.81	7.61	Clear with no odor.		
				Samples Collected		
				BTEX (2-40ml VOA)		
				Major Ions/TDS (1-1000ml Plastic)		
		ļ				
COMMENTS:						
Myron Model 6P inst	rument use	d to obtain p	H, conduct	vity, and temperature measurements.		
Delivered samples to	Cardinal L	ab in Hobbs,	New Mexi	co for BTEX, Major lons, and TDS analysis.		

CLIENT: RICE Operating Company			erating Con	npany	WELL ID: Monitor Well #4
SYSTEM: BD					DATE: April 24, 2007
SIT	E LOCATION:	E-15 Lea	k		SAMPLER: Rozanne Johnson
PURG	ING METHOD	:	☐ Hand Ba	ailed 🗹	Pump, Type: Purge Pump
SAMP	LING METHO	D:	✓ Disposa	ble Bailer[☐ Direct from Discharge Hose ☐ Other:
DISPO	SAL METHOL	OF PURG	E WATER:	On-sit	e Drum Drums SWD Disposal Facility
TOTA	DEPTH OF V	WELL:	98.50	Feet	
	H TO WATER: IT OF WATER			Feet Feet	2 In. Well Diameter
	VOLUME:		Gal.	1 001	Gallons purged prior to sampling
		TEMP.	COND	<u> </u>	
	TIME	°C	COND. mS/cm	ρН	PHYSICAL APPEARANCE AND REMARKS
					- The second of the second of
	12:30	22.7	5.50	7.08	Red Silt Color to Clear with no odor.
					Samples Collected
					BTEX (2-40ml VOA)
					Major lons/TDS (1-1000ml Plastic)
<u> </u>					
COM	IENTS:				
Myron	Model 6P inst	rument used	d to obtain p	H, conduct	vity, and temperature measurements.
Delive	red samples to	Environme	ntal Lab of T	Texas for B	TEX, Major lons, and TDS analysis.
	,				

CLIENT: RICE Operating Company				WELL ID: Monitor Well #4		
SYSTEM: BD				DATE: September 24, 2007		
SITE LOCATION:	E-15 Lea	ık		SAMPLER: Rozanne Johnson		
PURGING METHOD	:	☐ Hand B	ailed 🗹	Pump, Type: Purge Pump		
SAMPLING METHO	D:	☑ Disposa	ble Bailer[☐ Direct from Discharge Hose ☐ Other:		
DISPOSAL METHO	OF PURG	SE WATER:	On-sit	te Drum 🔲 Drums 🔽 SWD Disposal Facility		
TOTAL DEPTH OF V		98.50	Feet			
DEPTH TO WATER: HEIGHT OF WATER		85.78 12.72	Feet Feet	2 In. Well Diameter		
WELL VOLUME:		Gal.	1 661	8 Gallons purged prior to sampling		
	TEMP	00115				
TIME	TEMP. °C	COND. mS/cm	pН	PHYSICAL APPEARANCE AND REMARKS		
10:15	24.3	5.56	7.23	Red Silt Color to Clear with no odor.		
	<u>. </u>			Samples Collected		
				BTEX (2-40ml VOA)		
				Major Ions/TDS (1-1000ml Plastic)		
COMMENTS:						
Myron Model 6P instr	rument used	d to obtain p	H, conduct	ivity, and temperature measurements.		
Delivered samples to	Cardinal L	ab in Hobbs,	New Mexi	co for BTEX, Major lons, and TDS analysis.		
						

CLIENT: RICE Operating Company			npany	WELL ID: Monitor Well #4
SYSTEM:	BD			DATE: November 30, 2007
SITE LOCATION:	E-15 Lea	k		SAMPLER: Rozanne Johnson
•				
PURGING METHOD	:	☐ Hand Ba	ailed 🗹	Pump, Type: Purge Pump
SAMPLING METHO	D:	✓ Disposa	able Bailer[☐ Direct from Discharge Hose ☐ Other:
DISPOSAL METHOE	OF PURG	E WATER:	☐ On-sit	e Drum Drums SWD Disposal Facility
TOTAL DEPTH OF V	VELL:	98.50	Feet	
DEPTH TO WATER: HEIGHT OF WATER			Feet Feet	2 In. Well Diameter
WELL VOLUME:		Gal.	1 661	8 Gallons purged prior to sampling
			<u> </u>	
TIME	TEMP. °C	COND. mS/cm	pН	PHYSICAL APPEARANCE AND REMARKS
9:40	19.7	5.72	7.42	Red Silt Color to Clear with no odor.
				Samples Collected
				BTEX (2-40ml VOA)
				Major Ions/TDS (1-1000ml Plastic)
COMMENTS:				
Myron Model 6P instr	rument used	d to obtain p	H, conducti	ivity, and temperature measurements.
Delivered samples to	Cardinal La	ab in Hobbs,	New Mexi	co for BTEX, Major lons, and TDS analysis.
And the second s				

CLIENT: RICE Operating Company				WELL ID: Source Monitor Well		
SYSTEM: BD				DATE: February 12, 2007		
SITE LOCATION: E-15 Leak				SAMPLER: Rozanne Johnson		
PURGING METHOD	<u>.</u>	☐ Hand B	ailed 🗹	Pump, Type: Down Hole Pump		
SAMPLING METHO	D:	☐ Disposa	able Bailer[Direct from Discharge Hose ✓ Other: Valve at Top of Well C		
				•		
DISPOSAL METHO	OF PURC	GE WATER:	☐ On-sit	e Drum Drums SWD Disposal Facility		
TOTAL DEPTH OF V	VELL:	unknown				
DEPTH TO WATER: HEIGHT OF WATER		unknown		In. Well Diameter		
WELL VOLUME:		Gal.		Gallons purged prior to sampling		
	TEMP.	COND				
TIME	°C	COND. mS/cm	pН	PHYSICAL APPEARANCE AND REMARKS		
				 Well purged by activating down hole pump allowing the well		
40				to be pumped dry and recover three times before sampling.		
14:40	20.7	4.97	7.49	Clear with No Odor		
				Samples Collected		
				BTEX (2-40ml VOA)		
				Major Ions/TDS (1-1000ml Plastic)		
			ļ			
			<u>.</u>			
COMMENTS:						
				ivity, and temperature measurements.		
Delivered samples to	Environme	ental Lab of	Texas for B	TEX, Major lons, and TDS analysis.		
	H					
<u> </u>	·					

CLIENT: RICE Operating Company				WELL ID:	Source Monitor Well
SYSTEM: BD				DATE:	February 12, 2007
SITE LOCATION: E-15 Leak				SAMPLER:	Rozanne Johnson
PURGING METHOD	:	☐ Hand B	ailed 🗹	Pump, Typ <u>e:</u>	Down Hole Pump
SAMPLING METHO	D:	☐ Disposa	able Bailer[Direct from Disch	narge Hose 🗹 Other: Valve at Top of Well C
DISPOSAL METHO	OF PURG	SE WATER:	☐ On-sit	e Drum 🔲 Drums	☑ SWD Disposal Facility
TOTAL DEPTH OF V	VELL:	unknown	Feet		
DEPTH TO WATER: HEIGHT OF WATER			Feet		In. Well Diameter
WELL VOLUME:	COLUMN.	Gal.	. reel		Gallons purged prior to sampling
	TEMP	Lagus	I		
TIME	TEMP.	COND. mS/cm	pН	PHYS	SICAL APPEARANCE AND REMARKS
				:	
				Well purged by ac	ctivating down hole pump allowing the well
				to be pumped dry	and recover three times before sampling.
14:40	20.7	4.97	7.49	Clear with No Odo	or
				Samples Collecte	d
				BTEX (2-40ml VC	PA)
				Major Ions/TDS (*	I-1000ml Plastic)
	<u> </u>		<u> </u>		100 Mg 101 garden garden garden garden garden garden garden garden garden garden garden garden garden garden g
COMMENTS:	 				
Myron Model 6P inst	rument use	d to obtain p	H, conduct	vity, and temperature	measurements.
Delivered samples to	Environme	ental Lab of	Texas for B	TEX, Major lons, and	TDS analysis.
			.		