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Annual GW Mon. REPORTS

DATE: 2005

January 6, 2005

2005 Annual Groundwater Monitoring Report



J-26 Junction Box Site T21S, R37E, Section 26, Unit Letter J Lea County, New Mexico NMOCD Case # 1R0426-40

R. T. HICKS CONSULTANTS, LTD.

901 RIO GRANDE BLVD. NW, SUITE F-142, ALBUQUERQUE, NEW MEXICO 87104

R.T. HICKS CONSULTANTS, LTD.

1909 Brunson Avenue 🖩 Midland, Texas 79701-6924 📕 432.638.8740 👪 Fax: 413.403.9968

CERTIFIED MAIL RETURN RECIEPT NO. 7099 3400 0017 1737 2381

January 6, 2006

Mr. Wayne Price New Mexico Energy, Minerals, & Natural Resources Dept. Oil Conservation Division, Environmental Bureau 1220 S. St. Francis Drive Santa Fe, New Mexico 87505

RE: 2005 ANNUAL MONITORING WELL REPORT BD J-26 JUNCTION BOX SITE T21S-R37E-Section 26, Unit Letter J NMOCD CASE # 1R0426-40

Mr. Price:

R. T. Hicks Consultants, Ltd takes this opportunity to submit the 2005 Annual Monitoring Well Report for the BD J-26 junction box site located in the Blinebry-Drinkard (BD) Salt Water Disposal (SWD) System. The Stage 1 Abatement Plan for this site was submitted to the NMOCD on December 5, 2005, and is administratively complete pending the on-going public notice procedures.

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

Thank you for your consideration concerning this annual summary of groundwater monitoring information. If you have any questions, do not hesitate to contact me at (432) 638-8740 or Kristin Farris Pope at (505) 393-9174.

Sincerely,

.Van Ser Libert (

Gilbert J. Van Deventer, REM, PG, NMCS R. T. Hicks Consultants Ltd.

enclosures: Summary table & graphs, maps, well sample data forms, and laboratory reports

cc: LBG, CDH, KFP, file

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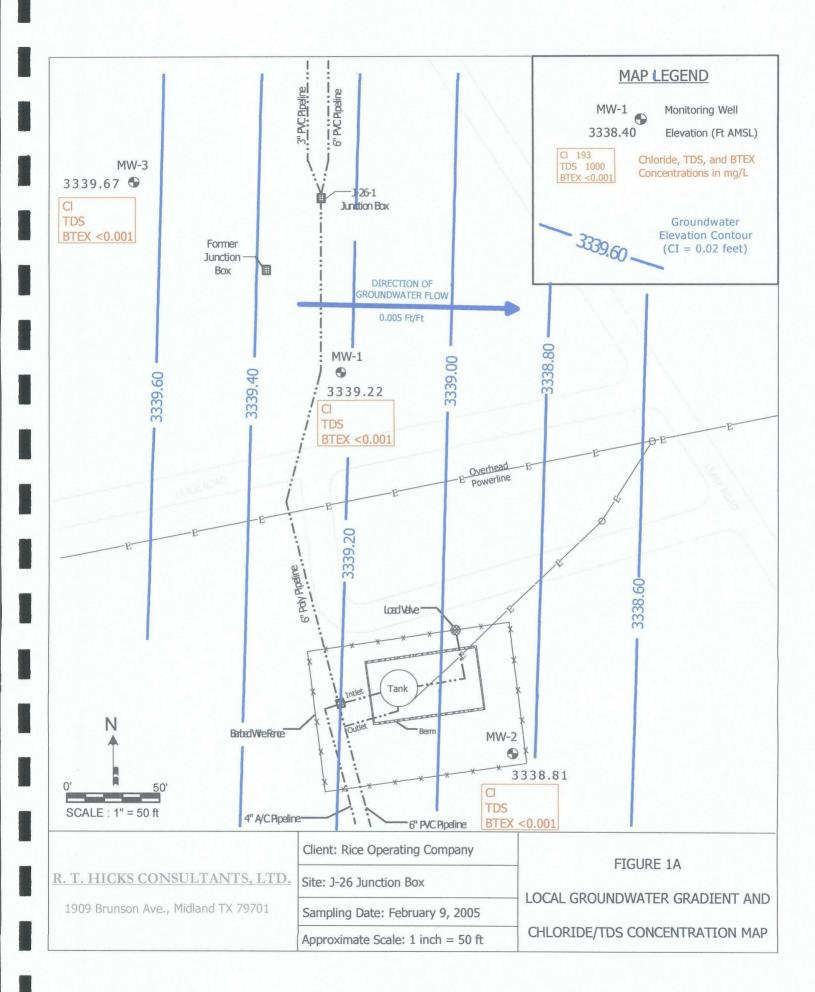
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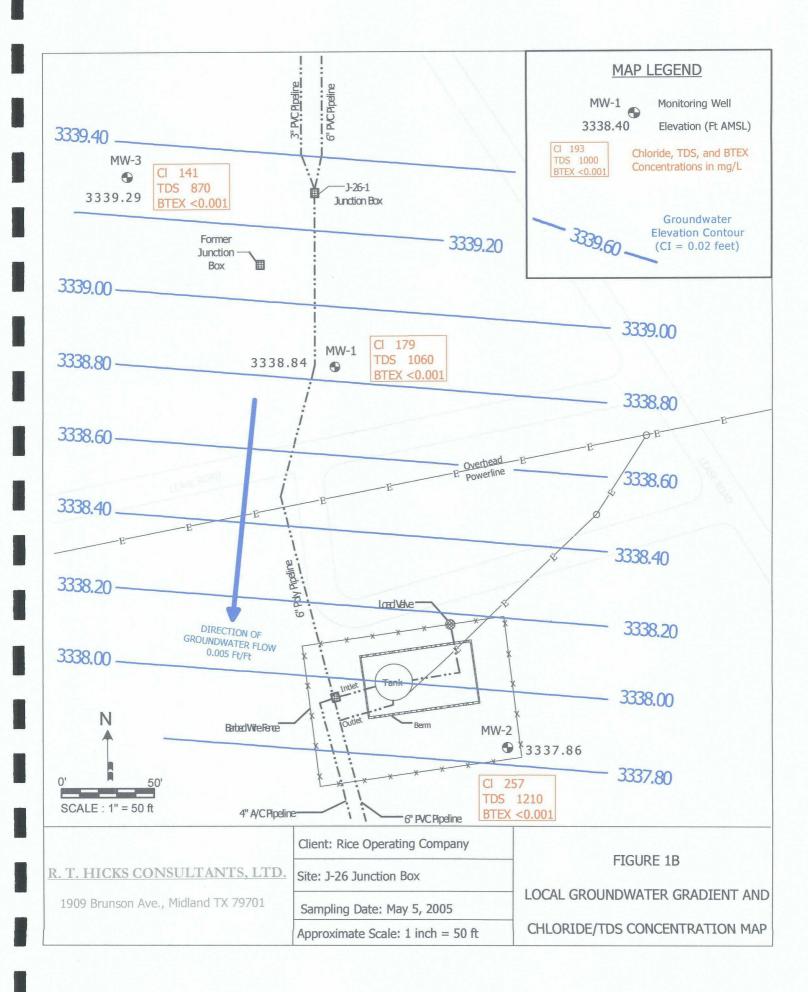
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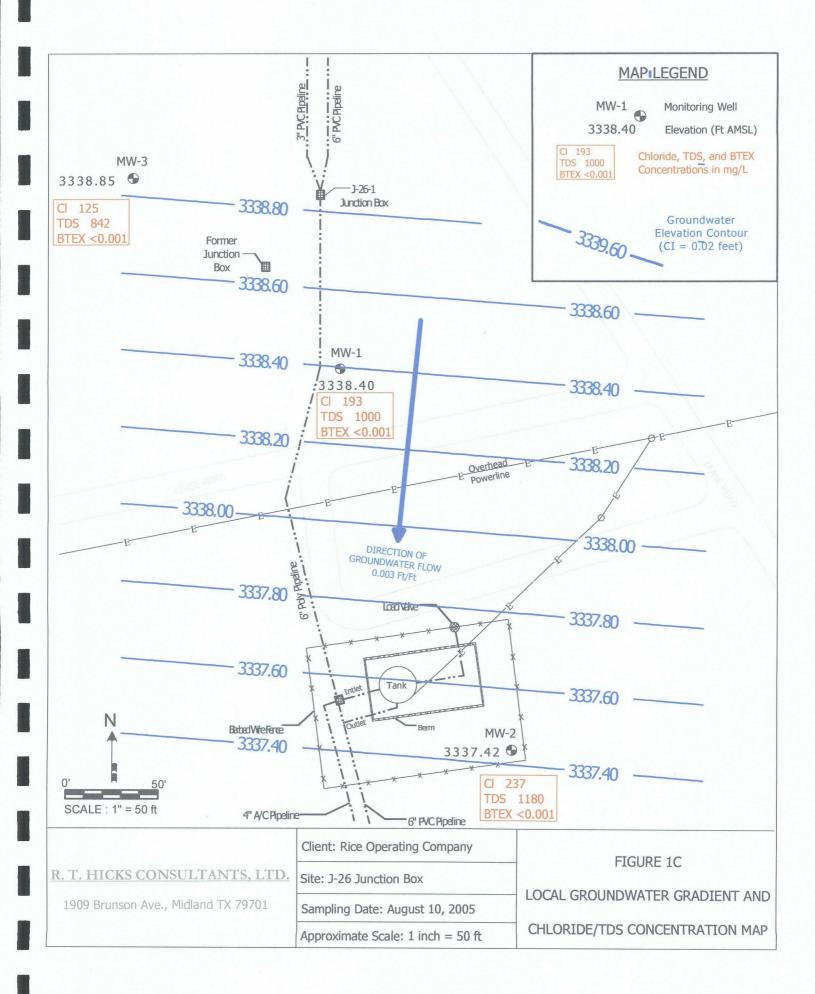
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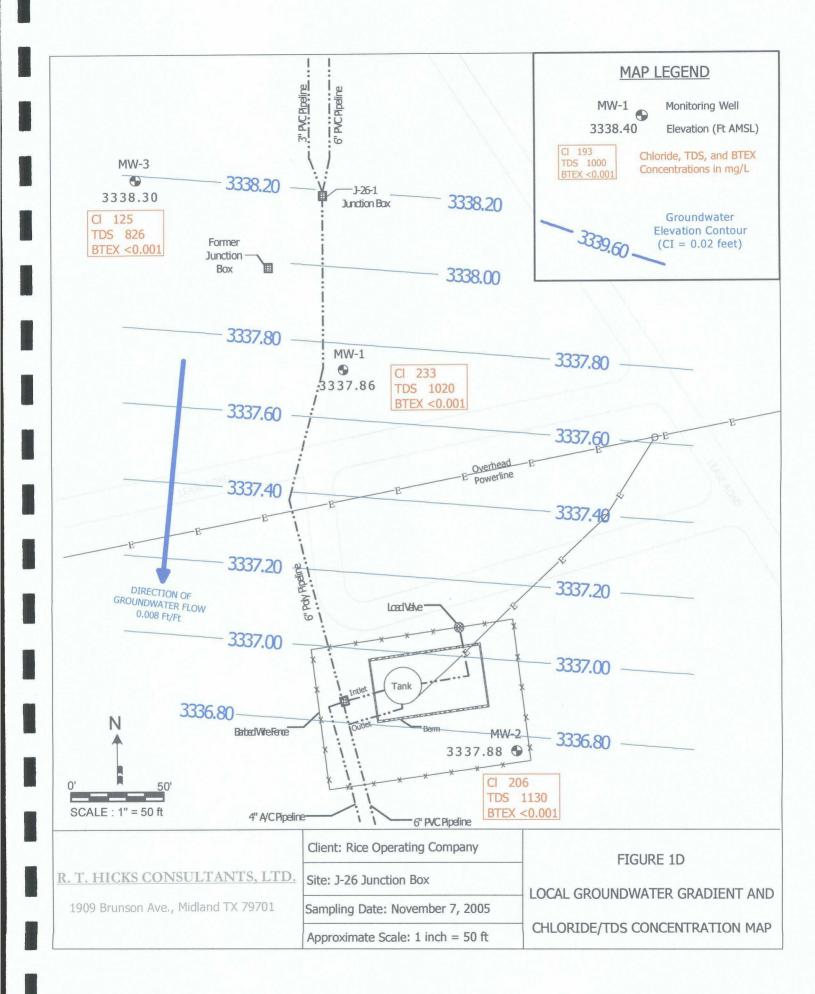


TABLE AND GRAPHS

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			BD J	-26 Juncti		-			
Monitoring Well	Sample Date	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet AMSL)	Chloride (mg/L)	TDS (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
	10/29/02	43.02	3332.82	4520	9020	< 0.001	< 0.001	< 0.001	< 0.001
	02/28/03	42.33	3333.51	3470	6870	< 0.001	< 0.001	< 0.001	< 0.001
	06/05/03	43.00	3332.84	1460	3280	< 0.001	< 0.001	< 0.001	< 0.001
	08/22/03	43.72	3332.12	957	2620	< 0.001	< 0.001	< 0.001	< 0.001
	10/30/03	43.91	3331.93	620	2040	< 0.001	< 0.001	< 0.001	< 0.001
	02/18/04	43.70	3332.14	478	1630	< 0.001	< 0.001	< 0.001	< 0.001
	05/05/04	40.80	3335.04	390	1440	< 0.001	< 0.001	< 0.001	< 0.001
MW-1	07/08/04	40.80	3335.04	230	1140	< 0.001	< 0.001	< 0.001	< 0.001
	08/10/04	37.02	3338.82	195	1080	< 0.001	< 0.001	< 0.001	< 0.001
	11/09/04	36.61	3339.23	177	1100	< 0.001	< 0.001	< 0.001	< 0.001
	02/09/05	36.62	3339.22	179	1090	< 0.001	< 0.001	< 0.001	< 0.001
	05/05/05	37.00	3338.84	179	1060	< 0.001	< 0.001	< 0.001	< 0.001
	08/13/05	37.56	3338.28	193	1000	< 0.001	< 0.001	< 0.001	< 0.001
	11/07/05	37.98	3337.86	233	1020	< 0.001	< 0.001	< 0.001	< 0.001
	08/22/03	43.99	3331.33	239	1180	< 0.001	< 0.001	< 0.001	< 0.001
	10/30/03	44.17	3331.15	239	1240	< 0.001	< 0.001	< 0.001	< 0.001
	02/18/04	43.91	3331.41	221	1150	< 0.001	0.001	< 0.001	< 0.001
	05/05/04	40.98	3334.34	204	1060	< 0.001	0.001	< 0.001	< 0.001
	08/10/04	37.14	3338.18	230	1120	< 0.001	< 0.001	< 0.001	< 0.001
MW-2	11/09/04	36.99	3338.33	230	1120	< 0.001	< 0.001	< 0.001	< 0.001
	02/09/05	37.03	3338.29	294	1220	< 0.001	< 0.001	< 0.001	< 0.001
	05/06/05	37.46	3337.86	257	1210	< 0.001	< 0.001	< 0.001	< 0.001
	08/13/05	38.02	3337.30	237	1180	< 0.001	< 0.001	< 0.001	< 0.001
	11/07/05	38.44	3336.88	206	1130	< 0.001	< 0.001	< 0.001	< 0.001
	08/22/03	43.06	3332.79	160	904	< 0.001	< 0.001	< 0.001	< 0.001
	10/30/03	43.28	3332.57	168	1070	< 0.001	< 0.001	< 0.001	< 0.001
	02/18/04	43.03	3332.82	160	862	< 0.001	< 0.001	< 0.001	< 0.001
	05/05/04	40.04	3335.81	160	891	< 0.001	< 0.001	< 0.001	< 0.001
LOU 2	08/10/04	36.55	3339.30	164	941	< 0.001	< 0.001	< 0.001	< 0.001
MW-3	11/09/04	36.22	3339.63	142	1160	< 0.001	< 0.001	< 0.001	< 0.001
	02/09/05	36.17	3339.68	138	1010	< 0.001	< 0.001	< 0.001	< 0.001
	05/06/05	36.56	3339.29	141	870	< 0.001	< 0.001	< 0.001	< 0.001
	08/13/05	37.12	3338.73	125	842	< 0.001	< 0.001	< 0.001	< 0.001
	11/07/05	37.55	3338.30	125	826	< 0.001	< 0.001	< 0.001	< 0.001
VQCC Standards		PTEV concentration		250	1000	0.01	0.75	0.75	0.62

Table 1 Summary of Groundwater Sampling Results

 WQCC Standards
 250
 1000
 0.1

 Total Dissolved Soilds (TDS), chloride, and BTEX concentrations listed in milligrams per liter (mg/L)
 Analyses performed by Cardinal Labs, Hobbs, NM (1995-1998) and Environmental Lab of Texas, Odessa, TX (1999-2003).

 Values in boldface type indicate concentrations exceed New Mexico Water Quality Commission (WQCC) standards.

 AMSL - Above Mean Sea Level; BTOC - Below Top of Casing

 Elevations and state plane coordinates surveyed by Basin Surveys, Hobbs, NM.

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WELL SAMPLE DATA SHEETS

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•	CLIENT:	RICE O	perating Co	ompany		WELL ID	: <u>MW-1</u>
	SYSTEM:	Blinebry	-Drinkard	System	-	DATE	:02/09/05
SITE L	OCATION:	J-26	Junction	Box	S	AMPLER	Gil Van Deventer
PURGING	G METHOD	:	🗹 Hand Ba	iled 🗋 Pu	ımp If Pun	np, Type:	·
SAMPLIN	IG METHO	D :	🗹 Disposat	ole Bailer [Direct fr	om Disch	narge Hose 🔲 Other:
DESCRIE	BE EQUIPM	ENT DECC	NTAMINAT	ION METH	OD BEFO	RE SAMI	PLING THE WELL:
Glove	s 🗹 Alcond	x 🗹 Disti	led Water R	tinse 🔲 C	Other:		
DISPOSA) of purg	E WATER:	Surface	e Discharg	e 🗌 Dri	ums IDisposal Facility
DEPTH T HEIGHT (EPTH OF V O WATER: OF WATER AMETER:	COLUMN:	52.85 36.62 16.23 Inch	Feet Feet Feet	-	7 <u>.9</u> 8	_Minimum gallons to purge 3 well volumes _Actual Gallons purged
TIME	VOLUME	TEMP. °C	COND. mS/cm	рН			PHYSICAL APPEARANCE AND REMARKS
13:41	0						Begin bailing
13:45	2	19.5	1.53	8.09			
13:49	4	19.5	1.54	7.99			
13:53	6	19.4	1.55	7.88			
13:57	8	19.4	1.55	7.90			
					Ì───-}-	13:58	Collected sample
		······································	L			.	BTEX (2-40 ml VOA)
							Major ions/TDS (1-500 ml plastic)
<u></u>					<u>├</u>		
0:16	:Total Time	(hr:min)	8	:Total Vol (0.50	Average Flow Rate (gal/min)
							BTEX, Major Ion and TDS analyses.

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	GLIENT:	RICE O	perating Co	ompany	WELL ID	MW-2
	SYSTEM:	Blinebry	-Drinkard	System	DATE	02/09/05
SITE L	OCATION:	J-26	Junction	Box	SAMPLER	Gil Van Deventer
PURGING	S METHOD	:	🗹 Hand Ba	iled 🗌 Pum	p If Pump, Type:	
SAMPLIN		D:	🗹 Disposat	ole Bailer 🔲	Direct from Disch	arge Hose 🔲 Other:
DESCRIB	E EQUIPM	ENT DECC	NTAMINAT	ION METHO	D BEFORE SAMP	PLING THE WELL:
Glove	s 🗹 Alcond	ox 🗹 Disti	led Water R	tinse 🗌 Ot	her:	
DISPOSA		OF PURG	E WATER:		Discharge LI Dru	ıms
	EPTH OF V O WATER:		<u>58.60</u> 37.03	Feet Feet		
			21.57	Feet	10.6	_Minimum gallons to purge 3 well volumes
WELL DI	AMETER:	2.0	Inch	-	10	Actual Gallons purged
TIME	VOLUME PURGED		COND. mS/cm	рН		PHYSICAL APPEARANCE AND REMARK
14:15	0					Begin bailing
		19.2	1.91	7.41		
14:20	2	19.2	1.01			
14:20 14:24	2 4	18.8	1.92	7.42		
14:24	4	18.8	1.92	7.42		
14:24 14:29	4	18.8 18.9	1.92 1.79	7.42		
14:24 14:29 14:33	4 6 8	18.8 18.9 19.1	1.92 1.79 1.87	7.42 7.40 7.39	14:39	Collected sample
14:24 14:29 14:33	4 6 8	18.8 18.9 19.1	1.92 1.79 1.87	7.42 7.40 7.39	14:39	Collected sample BTEX (2-40 ml VOA)
14:24 14:29 14:33	4 6 8	18.8 18.9 19.1	1.92 1.79 1.87	7.42 7.40 7.39	14:39	
14:24 14:29 14:33	4 6 8	18.8 18.9 19.1	1.92 1.79 1.87	7.42 7.40 7.39	14:39	BTEX (2-40 ml VOA)
14:24 14:29 14:33	4 6 8	18.8 18.9 19.1	1.92 1.79 1.87	7.42 7.40 7.39	14:39	BTEX (2-40 ml VOA)
14:24 14:29 14:33	4 6 8	18.8 18.9 19.1	1.92 1.79 1.87	7.42 7.40 7.39	14:39	BTEX (2-40 ml VOA)
14:24 14:29 14:33	4 6 8	18.8 18.9 19.1	1.92 1.79 1.87	7.42 7.40 7.39	14:39	BTEX (2-40 ml VOA)
14:24 14:29 14:33	4 6 8	18.8 18.9 19.1	1.92 1.79 1.87	7.42 7.40 7.39		BTEX (2-40 ml VOA)

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	CLIENT:	RICE O	perating Co	ompany	WELL I	D: MW-3
	SYSTEM:	Blinebry	-Drinkard	System	DAT	E: 02/09/05
SITE L	OCATION:	J-26	Junction	Box	SAMPLE	R: Gil Van Deventer
	G METHOD					
SAMPLIN	IG METHO	D:	✓ Disposat	ole Bailer	Direct from Disc	charge Hose Other:
DESCRIE	BE EQUIPM	ENT DECC	NTAMINAT	ION METH	DD BEFORE SAM	IPLING THE WELL:
Glove	s 🗹 Alcono	ox 🗹 Disti	lled Water R	inse 🗌 O	ther:	
DISPOSA			E WATER:	Surface	Discharge 🔲 D	rums 🗹Disposal Facility
	EPTH OF V		60.00	Feet		
DEPTH T	O WATER:		36.17	Feet		
	OF WATER			Feet	<u> </u>	Minimum gallons to purge 3 well volumes Actual Gallons purged
	AMETER:	2.0				
TIME	VOLUME PURGED	5	COND. mS/cm	pH		PHYSICAL APPEARANCE AND REMARK
12:56	0					Begin bailing
13:04	2	18.0	0.88	7.55		
13:08	4	18.5	1.16	7.44		
13:12	6	18.4	1.20	7.43		
13:16	8	18.4	1.21	7.43		· · · · · · · · · · · · · · · · · · ·
13:20	10	18.4	1.21	7.46		
					13:21	Collected sample
						BTEX (2-40 ml VOA)
						Major ions/TDS (1-500 ml plastic)
				1 1		

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	CLIENT:	RICE O	perating Co	ompany	_	WELL ID: MW-1		
	SYSTEM:	Blinebry	-Drinkard	System	_	DATE	05/04/05	
SITE L	OCATION:	J-26	Junction	Box	_ s	AMPLER	Gil Van Deventer	
PURGIN	G METHOD	c	Hand Ba	iled 🗌 Pu	ımp lf Pur	np, Type:		
SAMPLIN		D:	🗹 Disposat	ole Bailer [Direct fi	rom Disch	narge Hose 🔲 Other:	
DESCRIE		ENT DECC	NTAMINAT	ION METH	OD BEFO	RE SAMF	PLING THE WELL:	
Glove	es 🗹 Alcono	x 🗹 Disti	lled Water R	inse 🔲 C	Other:			
DISPOSA) of Purg	E WATER:	Surface	e Discharg	e 🗌 Dru	ums Disposal Facility	
depth t Height	EPTH OF V O WATER: OF WATER AMETER:			Feet Feet Feet	-	7.8	_Minimum gallons to purge 3 well volumes _Actual Gallons purged	
TIME	VOLUME	TEMP. °C	COND. mS/cm	pН			PHYSICAL APPEARANCE AND REMARKS	
14:43	0						Begin bailing	
14:47	2	19.6	1.53	6.58				
15:08	4	19.6	1.53	6.82				
15:10	6	19.5	1.53	6.83				
15:14	8	18.5	1.51	6.80				
<u> </u>								
						15:25	Collected sample	
							BTEX (2-40 ml VOA)	
							Major ions/TDS (1-500 ml plastic)	
0:31	:Total Time	e (hr:min)	8	:Total Vol ((gal)	0.26	:Average Flow Rate (gal/min)	
COMMEN							BTEX, Major Ion and TDS analyses.	

Hanna Model 98130 used to obtain pH, conductivity, and temperature measurements.

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	CLIENT:	RICE O	perating Co	ompany			
	SYSTEM:	Blinebry	-Drinkard	System	D/	ATE:	05/05/05
SITE L	OCATION	J-26	Junction	Box	SAMPI	LER:	Gil Van Deventer
PURGINO	G METHOD	:	☑ Hand Ba	iled 🗌 Pu	mp If Pump, Ty	/pe:	
SAMPLIN		D:	🗹 Disposat	le Bailer	Direct from D	isch	arge Hose 🔲 Other:
DESCRIE	E EQUIPM	ENT DECC			OD BEFORE S	AMF	LING THE WELL:
☑ Glove	s 🗹 Alcond	x 🗹 Disti	led Water R	inse 🗋 C	other:		
معصعات						Dru	ıms
	EPTH OF V O WATER:		<u>58.60</u> 37.46	Feet Feet			
			21.14	Feet	10.		_Minimum gallons to purge 3 well volumes
WELL DI	AMETER:	2.0	Inch		10)	Actual Gallons purged
TIME	VOLUME	TEMP. °C	COND. mS/cm	pН			PHYSICAL APPEARANCE AND REMARK
12:29	0	<u> </u>					Begin bailing
12:32	2	19.8	1.70	6.63			
12:36	4	·19.7	1.73	6.60			
12:40	6	19.5	1.76	6.67			
12:44	8	19.4	1.75	6.62			
12:48	10	19.3	1.75	6.61			
					12:	50	Collected sample
							BTEX (2-40 ml VOA)
							Major ions/TDS (1-500 ml plastic)
					······		
		· · · · · · · · · · · · · · · · · · ·			· ·		Average Flow Rate (gal/min)

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	CLIENT:	RICE O	perating Co	ompany	<u> </u>	VELL ID	MW-3
	SYSTEM:	Blinebry	-Drinkard	System	_	DATE	05/05/05
SITE L	OCATION:	J-26	Junction	Box	SA		Gil Van Deventer
PURGIN	G METHOD	:	🗹 Hand Ba	iled 🗌 Pu	imp if Pump	o, Type:	
SAMPLIN	IG METHO						arge Hose 🔲 Other:
DESCRIE		ENT DECC	NTAMINAT	ION METH	OD BEFOR	E SAMF	PLING THE WELL:
🗹 Glove	s 🗹 Alcond	x 🗹 Disti	lled Water R	inse 🗌 C	Other:		· · · · · · · · · · · · · · · · · · ·
					Discharge		
DISPUSA		OF PURG	E WATER:		e Discharge		ıms
	EPTH OF V		60.00	Feet Feet			
HEIGHT	OF WATER	COLUMN:	23.44	Feet		11.5	
WELL DI	AMETER:	2.0	Inch			10	Actual Gallons purged
TIME	VOLUME PURGED		COND. mS/cm	рН			PHYSICAL APPEARANCE AND REMARK
13:04	0						Begin bailing
13:07	2	19.7	0.97	6.77			· · · · · · · · · · · · · · · · · · ·
1 <u>3:11</u>	4	19.4	1.10	6.72			
1 <u>3:1</u> 4	6	19.4	1.19	6.72			
13:17	8	19.3	1.19	6.70			
13:20	10	19.2	1.19	6.68			
						13:21	Collected sample
							BTEX (2-40 ml VOA)
							Major ions/TDS (1-500 ml plastic)
					l l		
							:Average Flow Rate (gal/min)

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	CLIENT:	RICE O	perating Co	ompany		WELL ID	0:MW-1
	SYSTEM:	Blinebry	-Drinkard	System		DATE	
SITE L	OCATION:	J-26	Junction	Box	S	AMPLER	Gil Van Deventer
PURGIN	G METHOD	:	🗹 Hand Ba	iled 🗌 Pur	mp If Purr	ip, Type:	·
							harge Hose 🔲 Other:
DESCRIE		ENT DECC	NTAMINAT	ION METHO		RE SAMI	PLING THE WELL:
Glove	s 🗹 Alcond	x 🗹 Disti	lled Water R	inse 🗋 O)ther:		
				— • •			
JISPOSA	AL METHOD	OF PURG	SE WATER:	☐ Surface	Discharge	e ∐ Dr	ums Disposal Facility
	EPTH OF V O WATER:		<u>52.85</u> 37.56	Feet Feet			
			15.29			7.5	Minimum gallons to purge 3 well volumes
VELL DI	AMETER	2.0	Inch	-	_	10	Actual Gallons purged
TIME	VOLUME	TEMP. °F	COND. mS/cm	pН			PHYSICAL APPEARANCE AND REMARKS
14:55	0						Begin bailing
14:58	2	73 <u>.1</u>	1.61	7.76			
15:01	4	70.5	1.59	7.55			
15:06	6	70.3	1.61	7.49			
15:09	8	69.9	1.61	7.43			
15:12	10	70.0	1.6	7.42			
			·····			15:15	Collected sample
-							BTEX (2-40 ml VOA)
							Major ions/TDS (1-500 ml plastic)

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	CLIENT:	RICE O	perating Co	ompany		WELL ID	: <u>MW-2</u>
	SYSTEM:	Blinebry	-Drinkard	System		DATE	08/10/05
SITE L	OCATION:	J-26	Junction	Box	s	AMPLER	Gil Van Deventer
PURGIN	G METHOD	:	I Hand Ba	iled 🗌 Pui	mp If Pur	np, Type:	
							narge Hose 🔲 Other:
DESCRIE		ENT DECC		ION METHO	OD BEFO	RE SAM	
☑ Glove	s 🗹 Alcond	x 🗹 Disti	lled Water R	linse 🗌 O)ther:		
				-	-		
DISPOSA		OF PURG	E WATER:	☐ Surface	Discharg	e ∐Dri	ums IDisposal Facility
	EPTH OF V		<u>58.60</u> 38.02	Feet Feet			
	OF WATER			Feet		10.1	Minimum gallons to purge 3 well volumes
WELL DI	AMETER:	2.0	Inch	-	-	10	Actual Gallons purged
TIME	VOLUME		COND. mS/cm	pН			PHYSICAL APPEARANCE AND REMARKS
15 <u>:27</u>	0						Begin bailing
15:32	2	73.0	1.82	7.32			
15:37	4	70.3	1.80	7.38			
15:47	6	71.0	1.80	7.50			
15:51	8	69.1	1.80	7.40			
15:53	10	69.4	1.84	7.37			
						15:55	Collected sample
						·	BTEX (2-40 ml VOA)
							Major ions/TDS (1-500 ml plastic)
· · · · · · · · · · · · · · · · · · ·							
<u> </u>		·					
0:26	Takal Time	(hr:min)	10	:Total Vol (g		0.38	Average Flow Rate (gal/min)

	CLIENT:	RICE O	perating Co	ompany	WELL ID:	MW-3
	SYSTEM:	Blinebry	-Drinkard	System	DATE	08/10/05
SITE L	OCATION:	J-26	Junction	Box	SAMPLER	Gil Van Deventer
PURGING	METHOD	c	I Hand Ba	iled 🗌 Pur	np If Pump, Type:	
SAMPLIN	G METHOI					arge Hose Other:
DESCRIB	E EQUIPM	ENT DECC	NTAMINAT	ION METHO	DD BEFORE SAME	PLING THE WELL:
				tinse 🗌 O		
DISPOSA	L METHOD	OF PURG	E WATER:	Surface	Discharge 🗌 Dru	Ims IDisposal Facility
		VELL:	60.00	Feet		
	O WATER: OF WATER		<u>37.12</u> 22.88	Feet Feet	11.2	Minimum gallons to purge 3 well volumes
		2.0			10	Actual Gallons purged
	VOLUME	TEMP.	COND.			
TIME	PURGED		mS/cm	рН		PHYSICAL APPEARANCE AND REMARK
16:17	0					Begin bailing
					1	
16:19	2	72.5	1.19	7.60		
16:19 16:23	2	72.5 69.0	1.19 1.21	7.60 7.43		
16:23	4	69.0	1.21	7.43		
16:23 16:30	4	69.0 68.6	1.21 1.26	7.43 7.41		
16:23 16:30 16:34	4 6 8	69.0 68.6 68.2	1.21 1.26 1.28	7.43 7.41 7.39	16:43	Collected sample
16:23 16:30 16:34	4 6 8	69.0 68.6 68.2	1.21 1.26 1.28	7.43 7.41 7.39	16:43	Collected sample BTEX (2-40 ml VOA)
16:23 16:30 16:34	4 6 8	69.0 68.6 68.2	1.21 1.26 1.28	7.43 7.41 7.39	16:43	
16:23 16:30 16:34	4 6 8	69.0 68.6 68.2	1.21 1.26 1.28	7.43 7.41 7.39	16:43	BTEX (2-40 ml VOA)
16:23 16:30 16:34	4 6 8	69.0 68.6 68.2	1.21 1.26 1.28	7.43 7.41 7.39	16:43	BTEX (2-40 ml VOA)
16:23 16:30 16:34	4 6 8	69.0 68.6 68.2	1.21 1.26 1.28	7.43 7.41 7.39	16:43	BTEX (2-40 ml VOA)
16:23 16:30 16:34	4 6 8	69.0 68.6 68.2	1.21 1.26 1.28	7.43 7.41 7.39	16:43	BTEX (2-40 ml VOA)
16:23 16:30 16:34	4 6 8	69.0 68.6 68.2	1.21 1.26 1.28	7.43 7.41 7.39	16:43	BTEX (2-40 ml VOA)

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CLIENT:	RICE Op	perating Co	трапу	WELL ID:	MW-1			
SYSTEM:		BD		DATE:	November 7, 2005			
SITE LOCATION:	J-26	3 Junction	Box	SAMPLER:				
PURGING METHOD SAMPLING METHOD					Hose Other:			
DISPOSAL METHOD		E WATER: 52.70	On-si	te Drum 🗌 Drums [☑ SWD Disposal Facility			
DEPTH TO WATER: HEIGHT OF WATER WELL VOLUME:	COLUMN:	37.98 14.72	Feet		/ell Diameter ons purged prior to sampling			
TIME	TEMP. °C	COND. mS/cm	рН	PHYSICAL	APPEARANCE AND REMARKS			
10:45	20.5	1.67	7.51	Clear with no odor.				
				Samples Collected				
				BTEX (2-40ml VOA)				
				Major lons/TDS (1-1000ml Plastic)				
0:00 :Total Time	e (hr:min)		:Average	Flow Rate (gal/min)				
Myron Model 6P instr	ument used	to obtain pH		ments vity, and temperature measu	ements.			
Delivered samples to	Environmer	ntal Lab of Te	exas for BT	EX, Major lons and TDS and	alysis.			
<u></u>					· · · · · · · · · · · · · · · · · · ·			

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CLIENT	RICE Op	erating Co	mpany	WELL ID:	MW-2
SYSTEM:		BD		DATE: _	November 7, 2005
SITE LOCATION:	J-26	Junction	Box	SAMPLER:	Rozanne Johnson
PURGING METHOD: SAMPLING METHOD				Pump, Type <u>:</u> Direct from Discha	rge Hose Other:
DISPOSAL METHOD	OF PURGE	WATER:	🗌 On-sit	te Drum 🔲 Drums	SWD Disposal Facility
TOTAL DEPTH OF W DEPTH TO WATER: HEIGHT OF WATER WELL VOLUME:	COLUMN:	37.44 21.06	Feet		n. Well Diameter Gallons purged prior to sampling
TIME	TEMP. °C	COND. mS/cm	рН	PHYSI	CAL APPEARANCE AND REMARKS
12:55	21.9	1.78	7.44	Clear with no odor.	
				Samples Collected	
			L	BTEX (2-40ml VOA)	
		_	ĺ	Major Ions/TDS (1-100	0ml Plastic)
			· .		
ļl			L	L	
0:00 :Total Time	(hr:min)	#DIV/0!	:Average F	Flow Rate (gal/min)	

Comments

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

Delivered samples to Environmental Lab of Texas for BTEX, Major lons and TDS analysis.

CLIENT: RICE Operating Company				WELL ID:	MW-3	
SYSTEM:	BD			DATE:	November 7, 2005	
SITE LOCATION: J-26 Junction			Box	SAMPLER:	Rozanne Johnson	
PURGING METHOD: Image: Constraint of the section o						
DISPOSAL METHOD OF PURGE WATER: On-site Drum Drums ISBND Disposal Facility						
TOTAL DEPTH OF WELL: 60.10 Feet DEPTH TO WATER: 37.55 Feet HEIGHT OF WATER COLUMN: 22.55 Feet WELL VOLUME: 3.6 Gal.						
TIME .	TEMP. °C	COND. mS/cm	рН	PHYSICAL	APPEARANCE AND REMARKS	
11:40	20.1	1.25	7.49	Clear with no odor.		
				Samples Collected		
				BTEX (2-40ml VOA)		
				Major Ions/TDS (1-1000ml Plastic)		
·						
0:00 :Total Time	Average Flow Rate (gal/min)					

Comments

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

Delivered samples to Environmental Lab of Texas for BTEX, Major lons and TDS analysis.

LABORATORY REPORTS

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(See attached compact disk for this information)