AP - 45

ANNUAL MONITORING REPORT

YEAR(S):

2006

CERTIFIED MAIL
RETURN RECIEPT NO. 7099 3400 0017 1737 2268

TRIDENT ENVIRONMENTAL

RECEIVED
FEB - 9 2007
Environmental Bureau
Oil Conservation Division

February 6, 2007

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

RE: **2006 ANNUAL GROUNDWATER MONITORING REPORT**
EME P-6 LINE LEAK SITE
T20S, R37E, SECTION 6, UNIT LETTER P
STAGE 1 & 2ABATEMENT PLAN NO.: AP-45

Mr. Hansen:

On behalf of Rice Operating Company (ROC), Trident Environmental takes this opportunity to submit the 2006 Annual Monitoring Well Report for the EME P-6 Line Leak Site located in the Eunice-Monument-Eumont (EME) Salt Water Disposal (SWD) System.

This project has been ongoing since an accidental release of produced water was discovered on November 29, 2000. So far work has included pipeline repair, extensive site assessment sampling, installation and sampling of five groundwater monitoring wells. Groundwater monitoring activities have been conducted quarterly since January 10, 2002. The Stage 1 & 2 Abatement Plan (AP-45) and a Minor Modification involving the installation of three additional monitoring wells and the vadose zone restoration tasks for this site was approved by the NMOCD on July 12, 2006. One downgradient (P6-3) and an upgradient (P6-4) monitoring well were installed on July 19, 2006. Installation of a cross-gradient monitoring well (P6-5) located approximately 200 feet of monitoring well P6-1 is still pending an access agreement with the landowner. Analysis for BTEX concentrations has been suspended for monitoring wells P6-1 and P6-2 as approved by Wayne Price on May 19, 2006 (approval communication attached) since each component of BTEX has been below the laboratory method detection limit of 0.001 mg/L at these wells for over eight consecutive quarters.

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

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

Sincerely,

Gilbert J. Van Deventer, PG, REM

cc: CDH, KFP, file

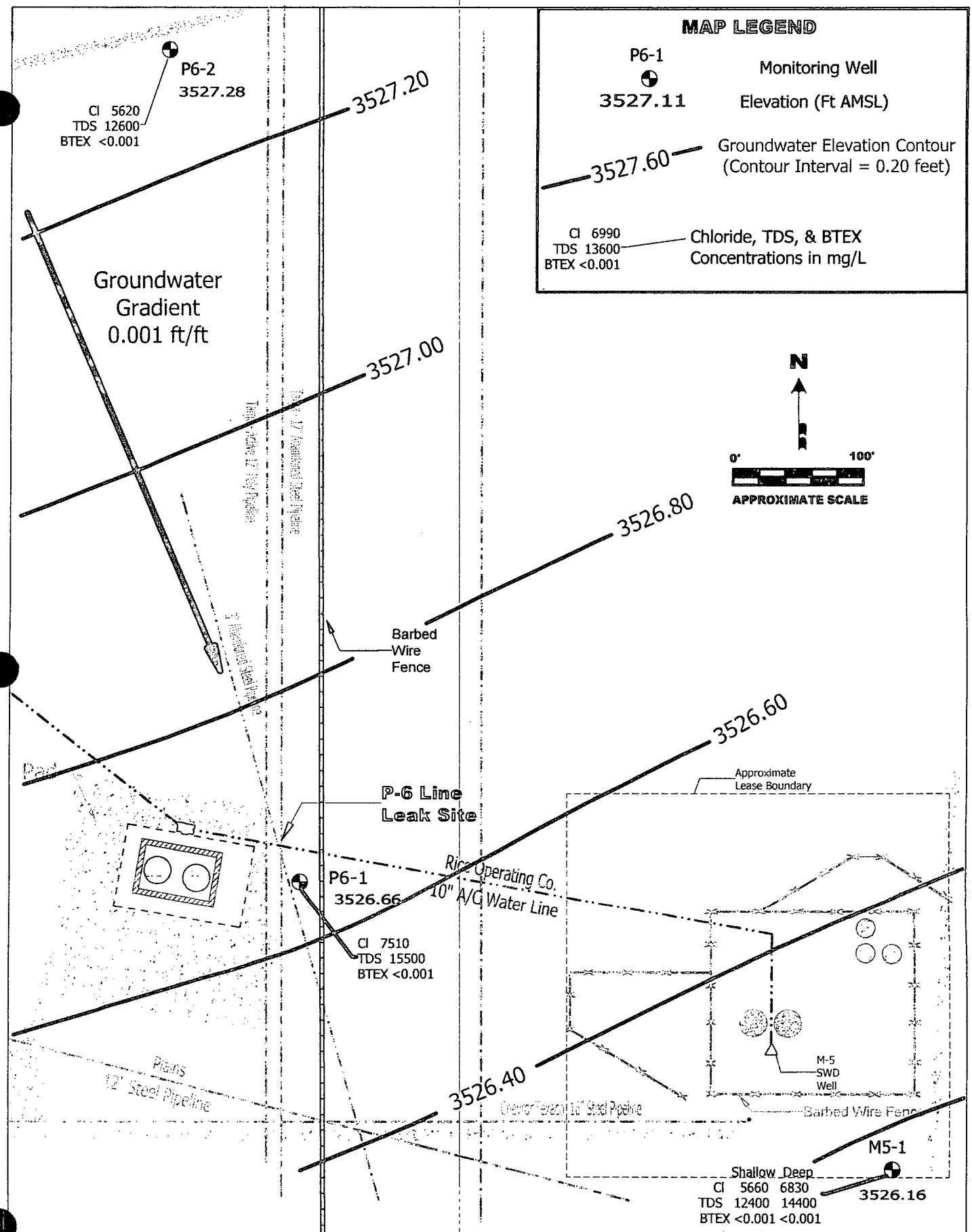
enclosures: maps, table, graphs, laboratory analytical reports, and correspondence

ATTACHMENT A

Site Maps

Table

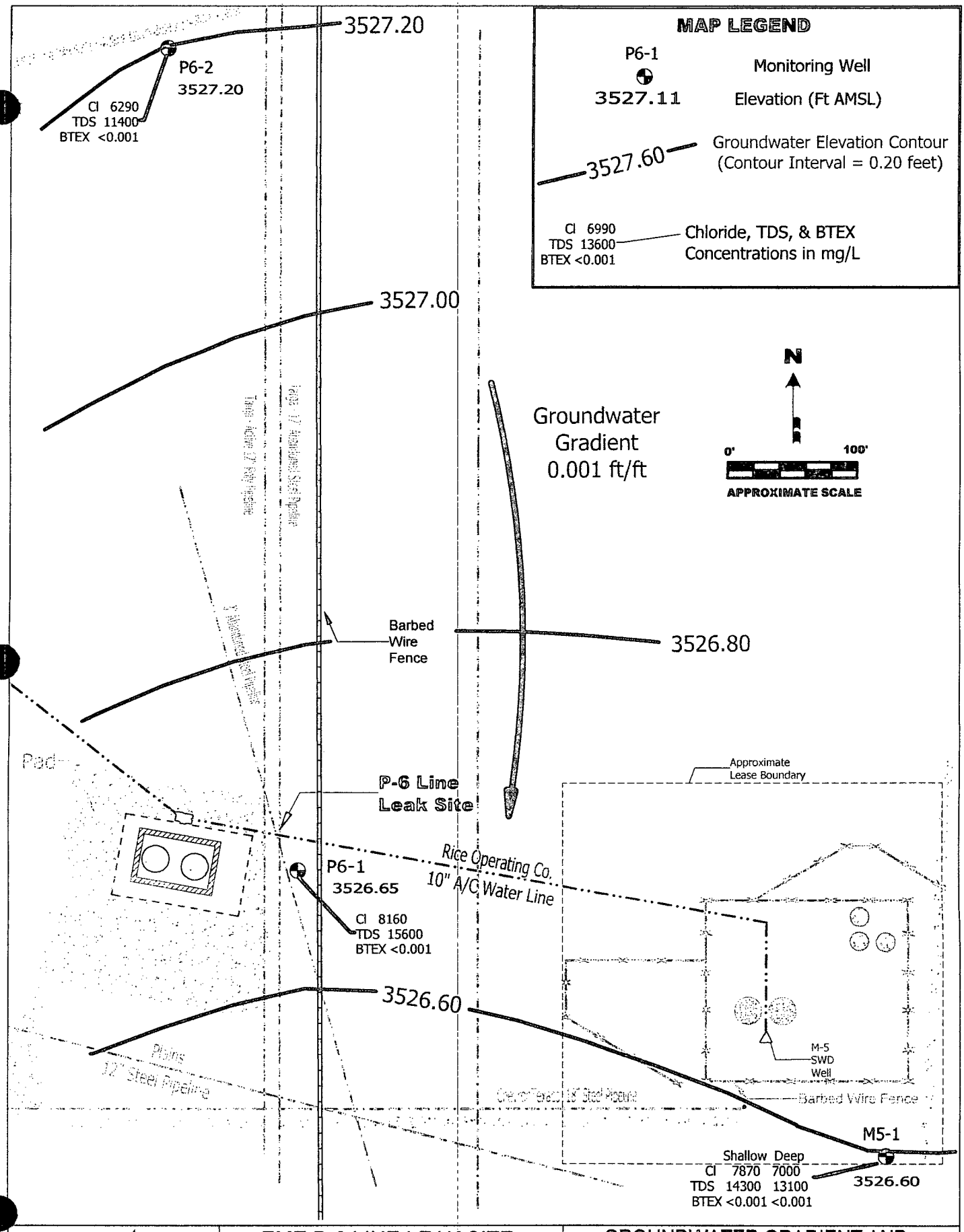
Graphs



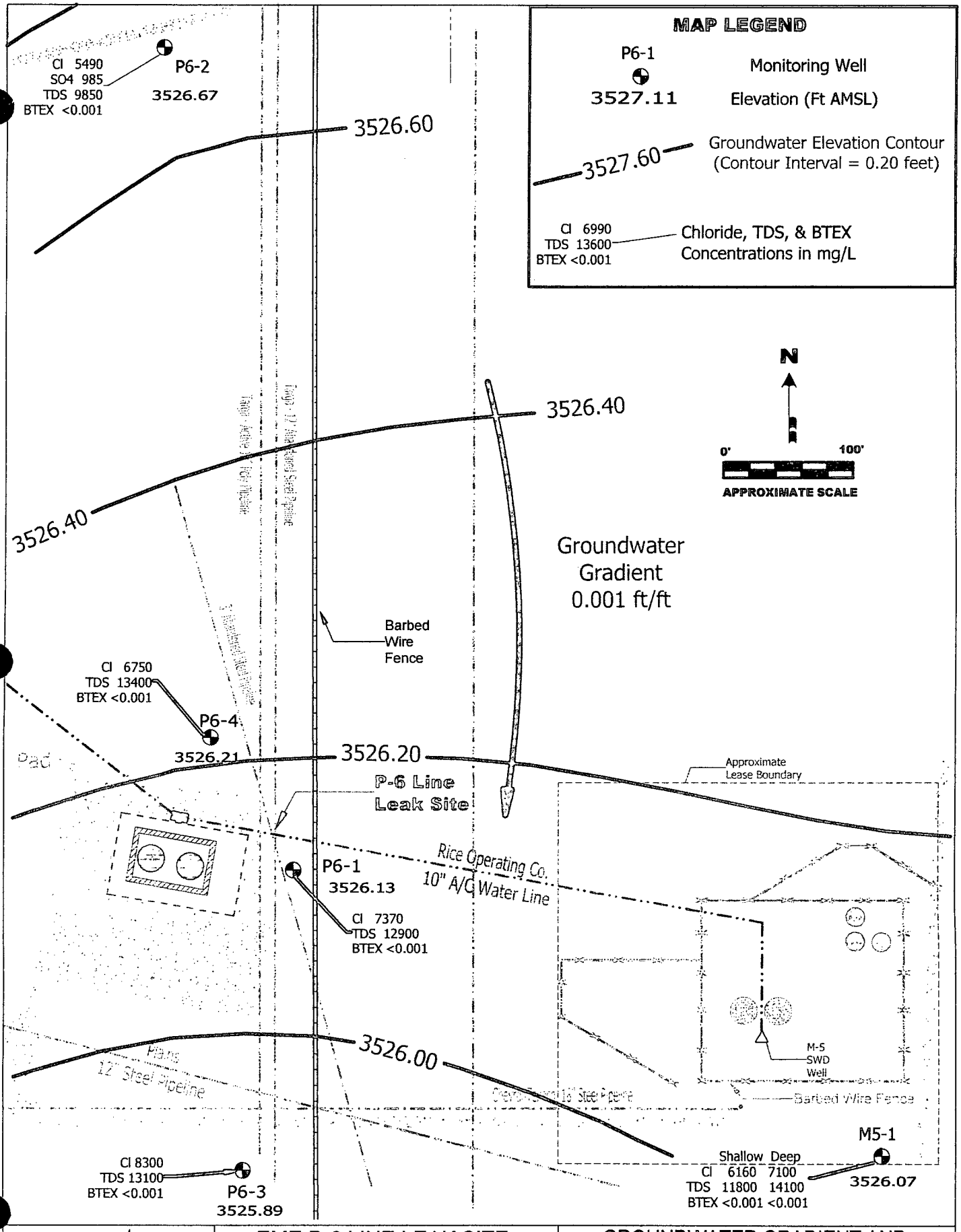
TRIDENT ENVIRONMENTAL

EME P-6 LINE LEAK SITE
T20S - R37E - Section 6 - Unit P
RICE Operating Company

GROUNDWATER GRADIENT AND
CHLORIDE, TDS, & BTEX
CONCENTRATION MAP
FEBRUARY 20, 2006



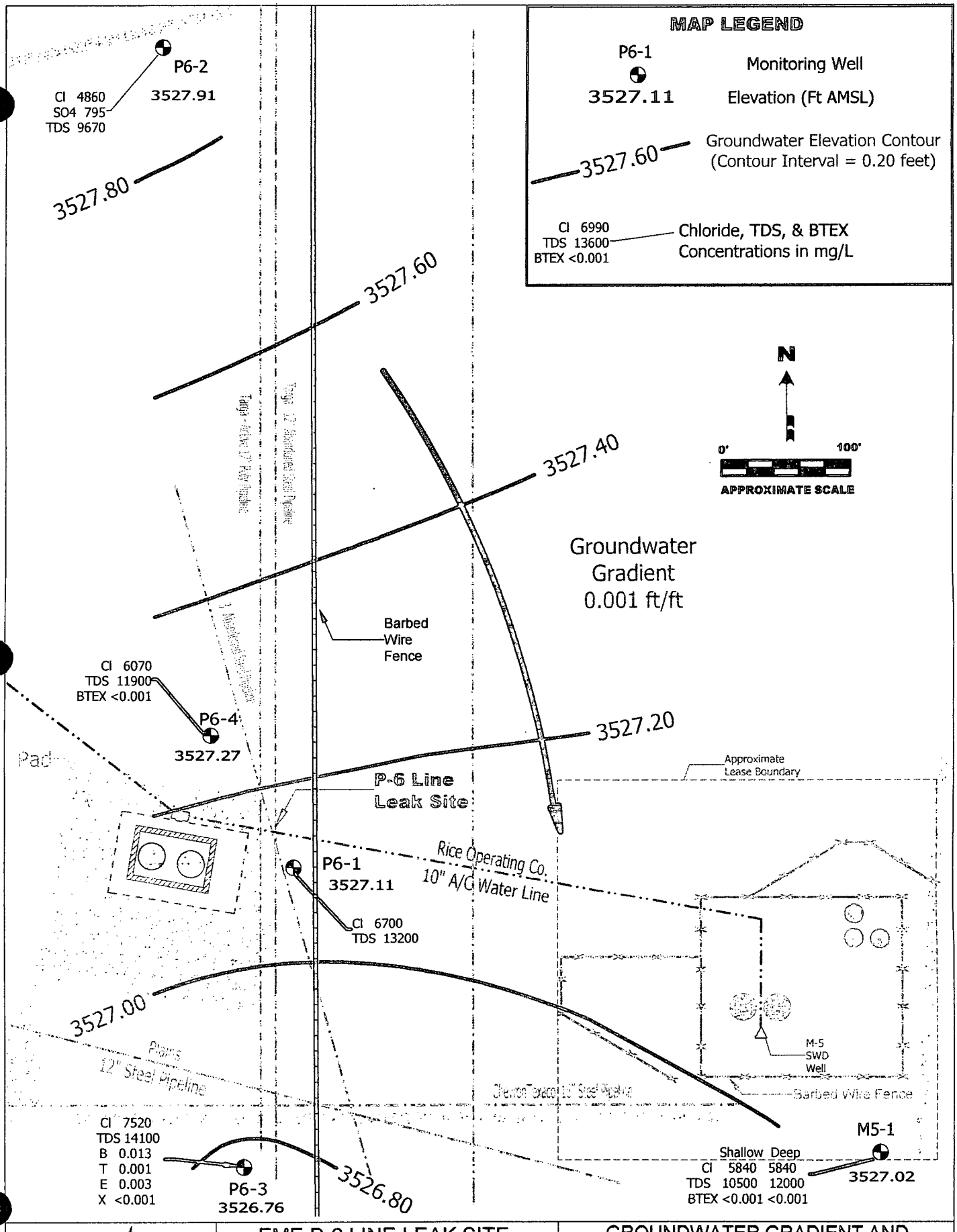
TRIDENT ENVIRONMENTAL	EME P-6 LINE LEAK SITE T20S - R37E - Section 6 - Unit P RICE Operating Company	GROUNDWATER GRADIENT AND CHLORIDE, TDS, & BTEX CONCENTRATION MAP MAY 16, 2006



TRIDENT ENVIRONMENTAL

EME P-6 LINE LEAK SITE
T20S - R37E - Section 6 - Unit P
RICE Operating Company

GROUNDWATER GRADIENT AND
CHLORIDE, TDS, & BTEX
CONCENTRATION MAP
AUGUST 23, 2006



TRIDENT ENVIRONMENTAL	EME P-6 LINE LEAK SITE T20S - R37E - Section 6 - Unit P RICE Operating Company	GROUNDWATER GRADIENT AND CHLORIDE, TDS, & BTEX CONCENTRATION MAP NOVEMBER 9-10, 2006

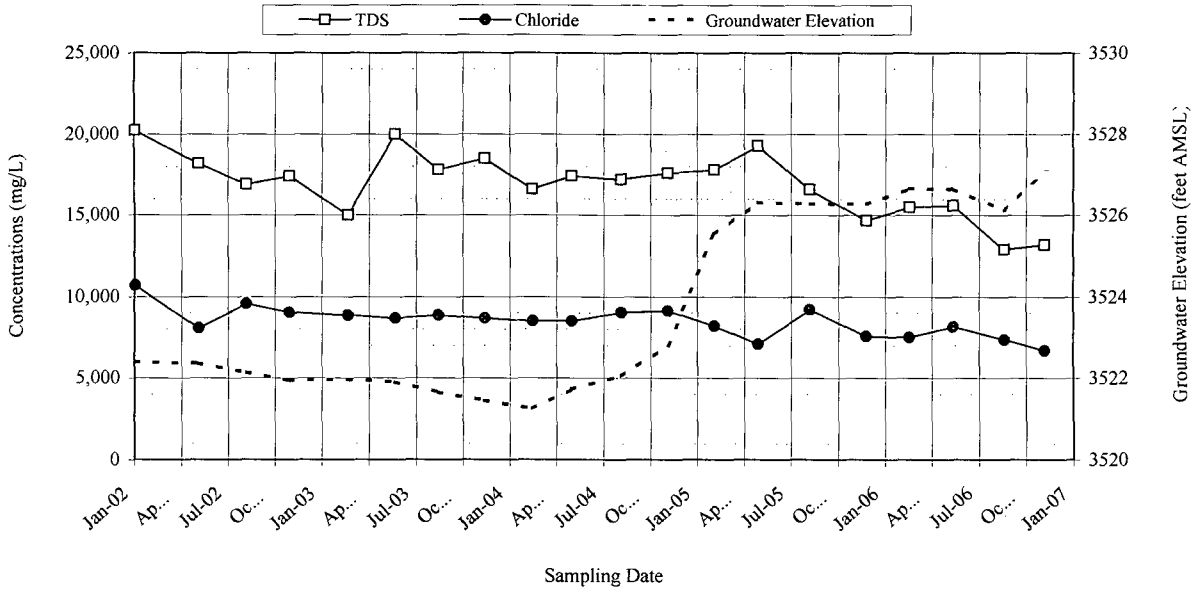
EME P-6 Line Leak Site
T20S - R37E - Section 6 - Unit P

Summary of Groundwater Monitoring Results

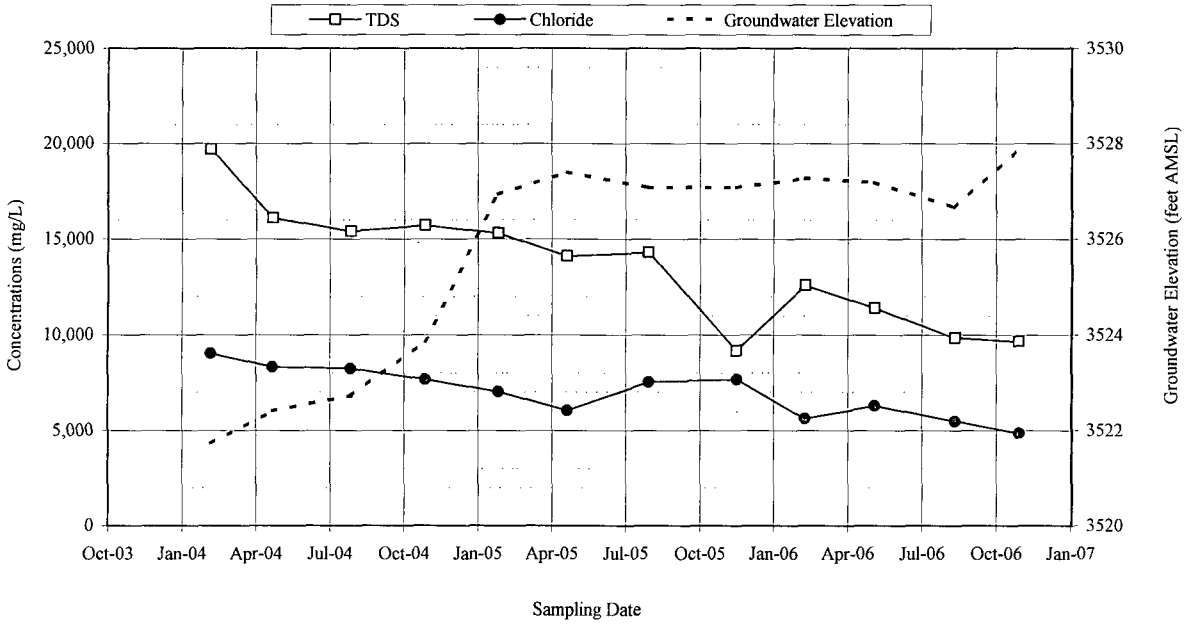
Monitoring Well	Sample Date	Chloride (mg/L)	TDS (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet AMSL)
P6-1	01/10/02	**10,700**	**20,248**	< 0.002	< 0.002	< 0.002	< 0.006	36.70	3522.39
	05/14/02	**8,060**	**18,200**	< 0.001	< 0.001	< 0.001	< 0.001	36.73	3522.36
	08/15/02	**9,570**	**16,900**	< 0.001	< 0.001	< 0.001	< 0.001	36.95	3522.14
	11/06/02	**9,040**	**17,400**	< 0.001	< 0.001	< 0.001	< 0.001	37.15	3521.94
	02/27/03	**8,860**	**15,000**	< 0.001	< 0.001	< 0.001	< 0.001	37.12	3521.97
	05/29/03	**8,680**	**20,000**	< 0.001	< 0.001	< 0.001	< 0.001	37.19	3521.90
	08/21/03	**8,860**	**17,800**	< 0.001	< 0.001	< 0.001	< 0.001	37.43	3521.66
	11/19/03	**8,690**	**18,500**	< 0.001	< 0.001	< 0.001	< 0.001	37.64	3521.45
	02/20/04	**8,510**	**16,600**	< 0.001	< 0.001	< 0.001	< 0.001	37.84	3521.25
	05/06/04	**8,510**	**17,400**	< 0.001	< 0.001	< 0.001	< 0.001	37.36	3521.73
	08/10/04	**9,040**	**17,200**	< 0.001	< 0.001	< 0.001	< 0.001	37.03	3522.06
	11/09/04	**9,130**	**17,600**	< 0.001	< 0.001	< 0.001	< 0.001	36.28	3522.81
	02/07/05	**8,210**	**17,800**	< 0.001	< 0.001	< 0.001	< 0.001	33.54	3525.55
	05/03/05	**7,090**	**19,300**	< 0.001	< 0.001	< 0.001	< 0.001	32.76	3526.33
	08/11/05	**9,210**	**16,600**	< 0.001	< 0.001	< 0.001	< 0.001	32.81	3526.28
	11/28/05	**7,580**	**14,700**	< 0.001	< 0.001	< 0.001	< 0.001	32.81	3526.28
	02/20/06	**7,510**	**15,500**	< 0.001	< 0.001	< 0.001	< 0.001	32.43	3526.66
	05/16/06	**8,160**	**15,600**	< 0.001	< 0.001	< 0.001	< 0.001	32.44	3526.65
	08/23/06	**7,370**	**12,900**	< 0.001	< 0.001	< 0.001	< 0.001	32.96	3526.13
	11/09/06	**6,700**	**13,200**	---	---	---	---	31.98	3527.11
P6-2	02/20/04	**9,040**	**19,700**	< 0.001	< 0.001	< 0.001	< 0.001	37.97	3521.73
	05/06/04	**8,330**	**16,100**	< 0.001	< 0.001	< 0.001	< 0.001	37.29	3522.41
	08/10/04	**8,240**	**15,400**	< 0.001	< 0.001	< 0.001	< 0.001	36.97	3522.73
	11/09/04	**7,670**	**15,700**	< 0.001	< 0.001	< 0.001	< 0.001	35.83	3523.87
	02/07/05	**7,030**	**15,300**	< 0.001	< 0.001	< 0.001	< 0.001	32.76	3526.94
	05/03/05	**6,050**	**14,100**	< 0.001	< 0.001	< 0.001	< 0.001	32.29	3527.41
	08/11/05	**7,540**	**14,300**	< 0.001	< 0.001	< 0.001	< 0.001	32.62	3527.08
	11/28/05	**7,660**	**9,170**	< 0.001	< 0.001	< 0.001	< 0.001	32.62	3527.08
	02/20/06	**5,620**	**12,600**	< 0.001	< 0.001	< 0.001	< 0.001	32.42	3527.28
	05/16/06	**6,290**	**11,400**	< 0.001	< 0.001	< 0.001	< 0.001	32.50	3527.20
	08/23/06	**5,490**	**9,850**	< 0.001	< 0.001	< 0.001	< 0.001	33.03	3526.67
	11/09/06	**4,860**	**9,670**	---	---	---	---	31.79	3527.91
P6-3	08/23/06	**8,300**	**13,100**	< 0.001	< 0.001	< 0.001	< 0.001	34.19	3525.89
	11/09/06	**7,520**	**14,100**	0.013	0.001	0.003	< 0.001	33.32	3526.76
P6-4	08/23/06	**6,750**	**13,400**	< 0.001	< 0.001	< 0.001	< 0.001	33.29	3526.21
	11/09/06	**6,070**	**11,900**	< 0.001	< 0.001	< 0.001	< 0.001	32.23	3527.27
M5-1 (shallow)	12/11/03	**6,198**	**10,784**	< 0.002	< 0.002	< 0.002	< 0.006	33.28	---
	02/20/04	**5,320**	**14,500**	< 0.002	< 0.002	< 0.002	< 0.006	33.37	3521.04
	05/06/04	**5,940**	**12,400**	< 0.002	< 0.002	< 0.002	< 0.006	32.79	3521.62
	08/10/04	**6,910**	**17,300**	< 0.001	< 0.001	< 0.001	< 0.001	32.52	3521.89
	11/09/04	**7,090**	**14,000**	< 0.001	< 0.001	< 0.001	< 0.001	31.63	3522.78
	02/07/05	**6,710**	**13,200**	< 0.001	< 0.001	< 0.001	< 0.001	28.85	3525.56
	05/03/05	**6,560**	**16,500**	< 0.001	< 0.001	< 0.001	< 0.001	28.10	3526.31
	08/13/05	**6,070**	**13,800**	< 0.001	< 0.001	< 0.001	< 0.001	28.24	3526.17
	11/28/05	**4,500**	**12,300**	< 0.001	< 0.001	< 0.001	< 0.001	28.24	3526.17
	02/20/06	**5,660**	**12,400**	< 0.001	< 0.001	< 0.001	< 0.001	27.25	3527.16
	05/16/06	**7,870**	**14,300**	< 0.001	< 0.001	< 0.001	< 0.001	27.81	3526.60
	08/23/06	**6,160**	**11,800**	< 0.001	< 0.001	< 0.001	< 0.001	28.34	3526.07
	11/10/06	**5,840**	**10,500**	< 0.001	< 0.001	< 0.001	< 0.001	27.39	3527.02
M5-1 (deep)	12/11/03	**6,198**	**11,736**	< 0.002	< 0.002	< 0.002	< 0.006	33.40	3521.11
	11/28/05	**5,590**	**11,400**	< 0.001	< 0.001	< 0.001	< 0.001	28.10	3526.41
	02/20/06	**6,830**	**14,400**	< 0.001	< 0.001	< 0.001	< 0.001	27.87	3526.64
	05/16/06	**7,000**	**13,100**	< 0.001	< 0.001	< 0.001	< 0.001	27.81	3526.70
	08/23/06	**7,100**	**14,100**	< 0.001	< 0.001	< 0.001	< 0.001	28.44	3526.07
	11/10/06	**5,840**	**12,000**	< 0.001	< 0.001	< 0.001	< 0.001	27.49	3527.02
WQCC Standards		250	1,000	0.01	0.75	0.75	0.62		

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

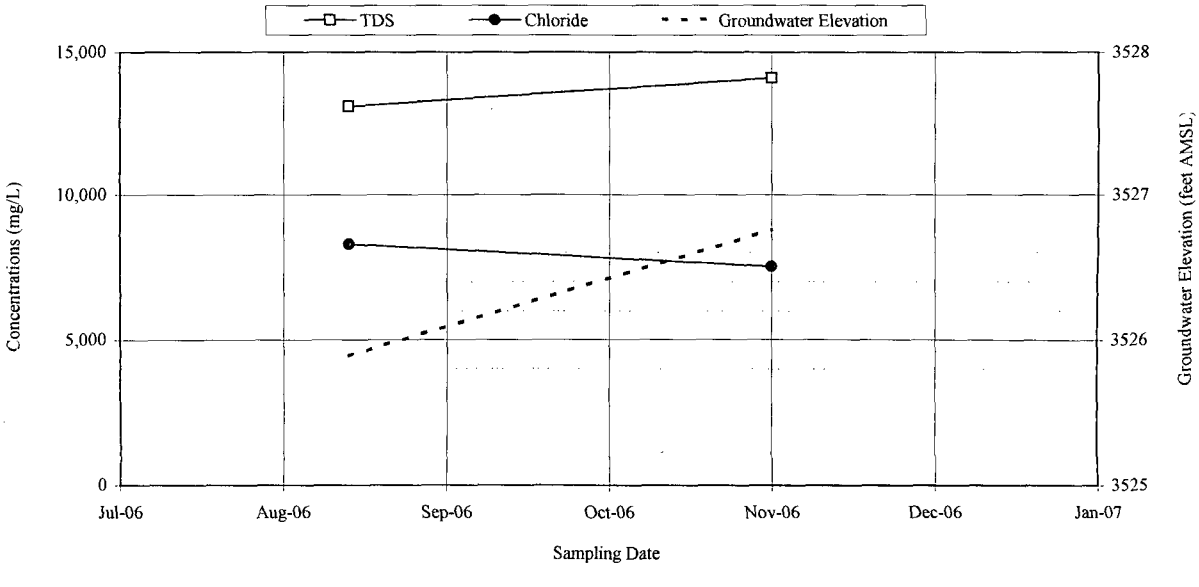
Chloride, TDS, and Groundwater Elevation Values Versus Time Graph (P6-1)



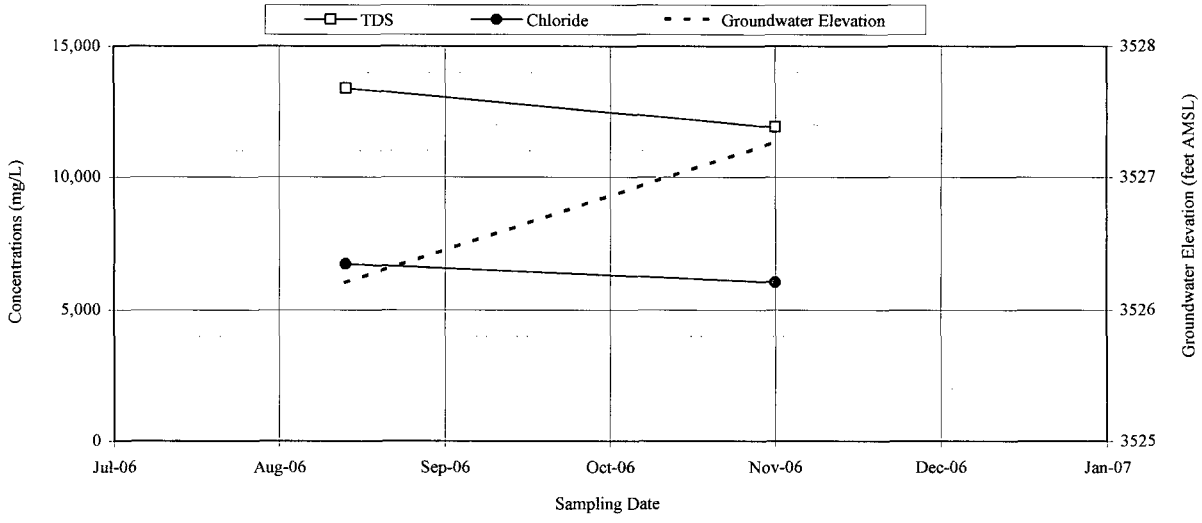
Chloride, TDS, and Groundwater Elevation Values Versus Time Graph (P6-2)



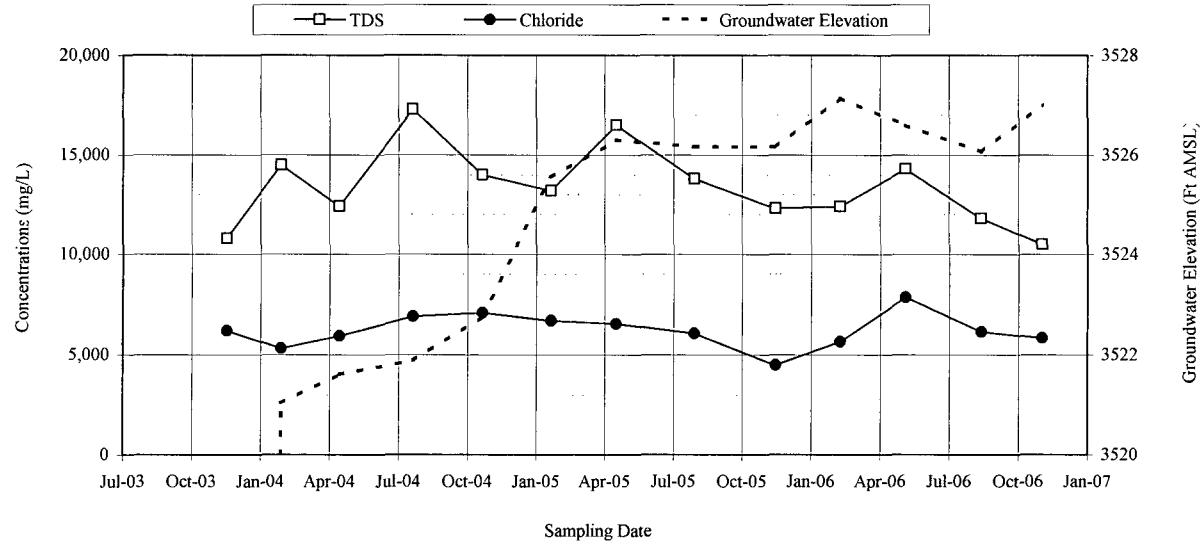
Chloride, TDS, and Groundwater Elevation Values Versus Time Graph (P6-3)



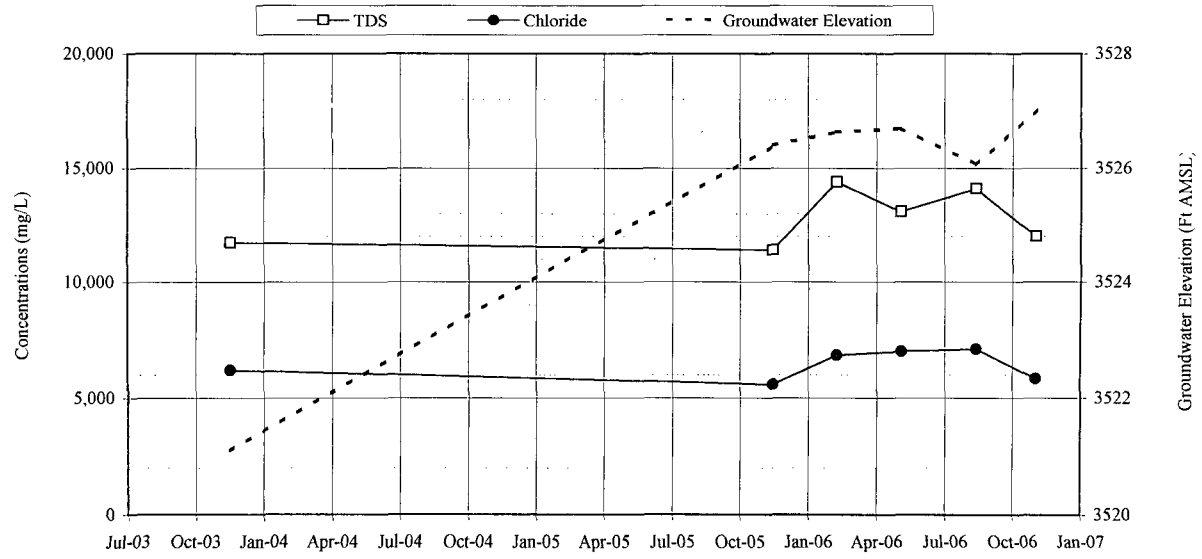
Chloride, TDS, and Groundwater Elevation Values Versus Time Graph (P6-4)



Chloride, TDS, and Groundwater Elevation Values Versus Time Graph (M5-1 Shallow)



Chloride, TDS, and Groundwater Elevation Values Versus Time Graph (M5-1 Deep)



ATTACHMENT B

Laboratory Analytical Reports

And

Chain of Custody Documentation

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

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

Project: EME P-6 Leak
Project Number: None Given
Location: Lea County

Lab Order Number: 6B23001

Report Date: 03/02/06

Rice Operating Co.	Project: EME P-6 Leak	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	03/02/06 17:05

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Monitor Well #1	6B23001-01	Water	02/20/06 09:25	02/23/06 09:45
Monitor Well #2	6B23001-02	Water	02/20/06 10:30	02/23/06 09:45

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Rice Operating Co.	Project: EME P-6 Leak	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	03/02/06 17:05

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6B23001-01) Water									
Benzene	ND	0.00100	mg/L	1	EB62306	02/23/06	02/23/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*86.8 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		"	"	"	"	
Monitor Well #2 (6B23001-02) Water									
Benzene	ND	0.00100	mg/L	1	EB62306	02/23/06	02/24/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*83.0 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.0 %*	*80-120*		"	"	"	"	

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Rice Operating Co.	Project: EME P-6 Leak	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	03/02/06 17:05

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6B23001-01) Water									
Total Alkalinity	**216**	2.00	mg/L	1	EB62205	02/23/06	02/23/06	EPA 310.1M	
Chloride	**7510**	100	"	200	EB62811	02/28/06	02/28/06	EPA 300.0	
Total Dissolved Solids	**15500**	5.00	"	1	EB62405	02/23/06	02/24/06	EPA 160.1	
Sulfate	**889**	100	"	200	EB62811	02/28/06	02/28/06	EPA 300.0	
Monitor Well #2 (6B23001-02) Water									
Total Alkalinity	**228**	2.00	mg/L	1	EB62205	02/23/06	02/23/06	EPA 310.1M	
Chloride	**5620**	100	"	200	EB62811	02/28/06	02/28/06	EPA 300.0	
Total Dissolved Solids	**12600**	5.00	"	1	EB62405	02/23/06	02/24/06	EPA 160.1	
Sulfate	**875**	100	"	200	EB62811	02/28/06	02/28/06	EPA 300.0	

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Rice Operating Co.	Project: EME P-6 Leak	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	03/02/06 17:05

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6B23001-01) Water									
Calcium	**1540**	10.0	mg/L	1000	EC60207	03/02/06	03/02/06	EPA 6010B	
Magnesium	**486**	0.100	"	100	"	"	"	"	
Potassium	**44.0**	0.500	"	10	"	"	"	"	
Sodium	**4690**	10.0	"	1000	"	"	"	"	
Monitor Well #2 (6B23001-02) Water									
Calcium	**1030**	5.00	mg/L	500	EC60207	03/02/06	03/02/06	EPA 6010B	
Magnesium	**424**	0.100	"	100	"	"	"	"	
Potassium	**44.7**	0.500	"	10	"	"	"	"	
Sodium	**3020**	5.00	"	500	"	"	"	"	

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Rice Operating Co. 122 W. Taylor Hobbs NM, 88240	Project: EME P-6 Leak Project Number: None Given Project Manager: Kristin Farris-Pope	Fax: (505) 397-1471 **Reported:** 03/02/06 17:05

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EB62306 - EPA 5030C (GC)										
Blank (EB62306-BLK1)			Prepared & Analyzed: 02/23/06							
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00100	"							
Xylene (o)	ND	0.00100	"							
Surrogate: a,a,a-Trifluorotoluene	*33.3*		*ug/l*	*40.0*		*83.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*35.5*		"	*40.0*		*88.8*	*80-120*			
LCS (EB62306-BS1)			Prepared: 02/23/06 Analyzed: 02/27/06							
Benzene	0.0480	0.00100	mg/L	0.0500		96.0	80-120			
Toluene	0.0524	0.00100	"	0.0500		105	80-120			
Ethylbenzene	0.0564	0.00100	"	0.0500		113	80-120			
Xylene (p/m)	0.118	0.00100	"	0.100		118	80-120			
Xylene (o)	0.0577	0.00100	"	0.0500		115	80-120			
Surrogate: a,a,a-Trifluorotoluene	*40.5*		*ug/l*	*40.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*38.4*		"	*40.0*		*96.0*	*80-120*			
Calibration Check (EB62306-CCV1)			Prepared: 02/23/06 Analyzed: 02/27/06							
Benzene	47.3		ug/l	50.0		94.6	80-120			
Toluene	52.9		"	50.0		106	80-120			
Ethylbenzene	59.9		"	50.0		120	80-120			
Xylene (p/m)	120		"	100		120	80-120			
Xylene (o)	59.7		"	50.0		119	80-120			
Surrogate: a,a,a-Trifluorotoluene	*41.5*		"	*40.0*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*47.5*		"	*40.0*		*119*	*80-120*			
Matrix Spike (EB62306-MS1)		**Source: 6B23001-01**	Prepared: 02/23/06 Analyzed: 02/27/06							
Benzene	0.0418	0.00100	mg/L	0.0500	ND	83.6	80-120			
Toluene	0.0464	0.00100	"	0.0500	ND	92.8	80-120			
Ethylbenzene	0.0521	0.00100	"	0.0500	ND	104	80-120			
Xylene (p/m)	0.109	0.00100	"	0.100	ND	109	80-120			
Xylene (o)	0.0537	0.00100	"	0.0500	ND	107	80-120			
Surrogate: a,a,a-Trifluorotoluene	*38.4*		*ug/l*	*40.0*		*96.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*41.3*		"	*40.0*		*103*	*80-120*			

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Rice Operating Co.	Project: EME P-6 Leak	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	03/02/06 17:05

Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EB62306 - EPA 5030C (GC)										
Matrix Spike Dup (EB62306-MSD1)	**Source: 6B23001-01**			Prepared: 02/23/06		Analyzed: 02/27/06				
Benzene	0.0475	0.00100	mg/L	0.0500	ND	95.0	80-120	12.8	20	
Toluene	0.0524	0.00100	"	0.0500	ND	105	80-120	12.3	20	
Ethylbenzene	0.0577	0.00100	"	0.0500	ND	115	80-120	10.0	20	
Xylene (p/m)	0.120	0.00100	"	0.100	ND	120	80-120	9.61	20	
Xylene (o)	0.0591	0.00100	"	0.0500	ND	118	80-120	9.78	20	
Surrogate: a,a,a-Trifluorotoluene	*40.3*		*ug/l*	*40.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*41.3*		*"*	*40.0*		*103*	*80-120*			

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Rice Operating Co.	Project: EME P-6 Leak	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	03/02/06 17:05

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EB62205 - General Preparation (WetChem)										
Blank (EB62205-BLK1)				Prepared & Analyzed: 02/23/06						
Total Alkalinity	ND	2.00	mg/L							
LCS (EB62205-BS1)				Prepared & Analyzed: 02/23/06						
Bicarbonate Alkalinity	207	2.00	mg/L	200		104	85-115			
Duplicate (EB62205-DUP1)		Source: 6B16004-01		Prepared & Analyzed: 02/23/06						
Total Alkalinity	273	2.00	mg/L		278			1.81	20	
Reference (EB62205-SRM1)				Prepared & Analyzed: 02/23/06						
Total Alkalinity	97.0		mg/L	100		97.0	90-110			
Batch EB62405 - General Preparation (WetChem)										
Blank (EB62405-BLK1)				Prepared: 02/23/06 Analyzed: 02/24/06						
Total Dissolved Solids	ND	5.00	mg/L							
Duplicate (EB62405-DUP1)		Source: 6B17004-01		Prepared: 02/23/06 Analyzed: 02/24/06						
Total Dissolved Solids	178	5.00	mg/L		178			0.00	5	
Batch EB62811 - General Preparation (WetChem)										
Blank (EB62811-BLK1)				Prepared & Analyzed: 02/28/06						
Sulfate	ND	0.500	mg/L							
Chloride	ND	0.500	"							
LCS (EB62811-BS1)				Prepared & Analyzed: 02/28/06						
Chloride	8.76	0.500	mg/L	10.0		87.6	80-120			
Sulfate	8.40	0.500	"	10.0		84.0	80-120			

Rice Operating Co.	Project: EME P-6 Leak	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	03/02/06 17:05

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EB62811 - General Preparation (WetChem)										
Calibration Check (EB62811-CCV1)				Prepared & Analyzed: 02/28/06						
Sulfate	9.25		mg/L	10.0		92.5	80-120			
Chloride	9.36		"	10.0		93.6	80-120			
Duplicate (EB62811-DUP1)		Source: 6B23001-01		Prepared & Analyzed: 02/28/06						
Chloride	7740	100	mg/L		7510			3.02	20	
Sulfate	956	100	"		889			7.26	20	

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Rice Operating Co.	Project: EME P-6 Leak	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	03/02/06 17:05

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 EC60207 - 6010B/No Digestion										
Blank (EC60207-BLK1)				Prepared & Analyzed: 03/02/06						
Calcium	ND	0.0100	mg/L							
Magnesium	ND	0.00100	"							
Potassium	ND	0.0500	"							
Sodium	ND	0.0100	"							
Calibration Check (EC60207-CCV1)				Prepared & Analyzed: 03/02/06						
Calcium	2.15		mg/L	2.00		108	85-115			
Magnesium	2.20		"	2.00		110	85-115			
Potassium	1.72		"	2.00		86.0	85-115			
Sodium	1.87		"	2.00		93.5	85-115			
Duplicate (EC60207-DUP1)	**Source: 6B17004-01**			Prepared & Analyzed: 03/02/06						
Calcium	106	0.500	mg/L		102			3.85	20	
Magnesium	20.6	0.0100	"		22.2			7.48	20	
Potassium	15.4	0.500	"		15.8			2.56	20	
Sodium	91.5	0.500	"		88.3			3.56	20	

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Rice Operating Co.	Project: EME P-6 Leak	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	03/02/06 17:05

Notes and Definitions

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

Report Approved By: Raland K Tuttle Date: 3-03-06

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

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Environmental Lab of Texas

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Kristin Farris Pope kpriceswd@valornet.com
Company Name: RICE Operating Company
Company Address: 122 W. Taylor Street
City/State/Zip: Hobbs, New Mexico 88240
Telephone No: (505) 393-9174 Fax No: (505) 397-1471
Sampler Signature: Rozanne Johnson (505) 631-9310
Email: rozanne@valornet.com

Project Name: EME P-6 Leak
Project #:
Project Loc: Lea County
PO #:

6B23001

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	Preservative: HNO_3	Preservative: HCl (2) 40 ml glass vials	Preservative: NaOH	Preservative: H_2SO_4	Preservative: None (1) 1 Liter HDPE	Preservative: Other (Specify)	Matrix: Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify):	Analyze For: TCLP:	Analyze For: TOTAL: TPH: 418.1 8015M 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	RCI	N.O.R.M.	Total Dissolved Solids				RUSH TAT (Pre-Scheduled)	Standard TAT
-01	Monitor Well #1	2/20/2006	9:25	3	X		2			1		X						X	X					X			X					X
-02	Monitor Well #2	2/20/2006	10:30	3	X		2			1		X						X	X					X			X					X

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

Sample Containers Intact? Y N
Labels on container? Y N
Custody Seals: Containers / Cooler
Temperature Upon Receipt: -2.5

Laboratory Comments: not frozen

Relinquished by:	Date	Time	Received by:	Date	Time
Rozanne Johnson	2-23-06	6:00	James Johnson	2-23-06	6:01
Relinquished by: James Johnson	2-23-06	9:45	Received by ELOT:	2/23/06	9:45

02/07/2007 08:49 FAX

040

Environmental Lab of Texas

Variance / Corrective Action Report – Sample Log-In

Client: Pitt Op.

Date/Time: 2/23/06 9:45

Order #: 6B23001

Initials: UK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	-2.5 C
Shipping container/cooler in good condition?	Yes	No	
Custody Seals intact on shipping container/cooler?	Yes	No	Not present
Custody Seals intact on sample bottles?	Yes	No	Not present
Chain of custody present?	Yes	No	
Sample Instructions complete on Chain of Custody?	Yes	No	
Chain of Custody signed when relinquished and received?	Yes	No	
Chain of custody agrees with sample label(s)	Yes	No	
Container labels legible and intact?	Yes	No	
Sample Matrix and properties same as on chain of custody?	Yes	No	
Samples in proper container/bottle?	Yes	No	
Samples properly preserved?	Yes	No	
Sample bottles intact?	Yes	No	
Preservations documented on Chain of Custody?	Yes	No	
Containers documented on Chain of Custody?	Yes	No	
Sufficient sample amount for indicated test?	Yes	No	
All samples received within sufficient hold time?	Yes	No	
VOC samples have zero headspace?	Yes	No	Not Applicable

Other observations:

Variance Documentation:

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

Regarding:

Corrective Action Taken:

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Kristin Farris-Pope

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: EME P-6 Leak

Project Number: None Given

Location: Lea County

Lab Order Number: 6E18013

Report Date: 05/25/06

Rice Operating Co.	Project: EME P-6 Leak	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	05/25/06 16:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Monitor Well #1	6E18013-01	Water	05/16/06 09:50	05/18/06 12:00
Monitor Well #2	6E18013-02	Water	05/16/06 08:55	05/18/06 12:00

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Rice Operating Co.	Project: EME P-6 Leak	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	05/25/06 16:13

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6E18013-01) Water									
Benzene	ND	0.00100	mg/L	1	EE62101	05/21/06	05/22/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*109 %*		*80-120*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.2 %*		*80-120*	"	"	"	"	
Monitor Well #2 (6E18013-02) Water									
Benzene	ND	0.00100	mg/L	1	EE62101	05/21/06	05/22/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*110 %*		*80-120*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.8 %*		*80-120*	"	"	"	"	

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Rice Operating Co.	Project: EME P-6 Leak	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	05/25/06 16:13

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6E18013-01) Water									
Total Alkalinity	**216**	2.00	mg/L	1	EE62220	05/22/06	05/22/06	EPA 310.1M	
Chloride	**8160**	100	"	200	EE62205	05/22/06	05/22/06	EPA 300.0	
Total Dissolved Solids	**15600**	5.00	"	1	EE61919	05/18/06	05/18/06	EPA 160.1	
Sulfate	**1060**	100	"	200	EE62205	05/22/06	05/22/06	EPA 300.0	
Monitor Well #2 (6E18013-02) Water									
Total Alkalinity	**234**	2.00	mg/L	1	EE62220	05/22/06	05/22/06	EPA 310.1M	
Chloride	**6290**	100	"	200	EE62205	05/22/06	05/22/06	EPA 300.0	
Total Dissolved Solids	**11400**	5.00	"	1	EE61919	05/18/06	05/18/06	EPA 160.1	
Sulfate	**1010**	100	"	200	EE62205	05/22/06	05/22/06	EPA 300.0	

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Rice Operating Co.	Project: EME P-6 Leak	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	05/25/06 16:13

Total Metals by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6E18013-01) Water									
Calcium	**1220**	2.00	mg/L	200	EE61926	05/19/06	05/19/06	EPA 6010B	
Magnesium	**429**	0.200	"	"	"	"	"	"	
Potassium	**32.6**	2.50	"	50	"	"	"	"	
Sodium	**2780**	5.00	"	500	"	"	"	"	
Monitor Well #2 (6E18013-02) Water									
Calcium	**963**	2.00	mg/L	200	EE61926	05/19/06	05/19/06	EPA 6010B	
Magnesium	**347**	0.200	"	"	"	"	"	"	
Potassium	**26.2**	2.50	"	50	"	"	"	"	
Sodium	**2240**	5.00	"	500	"	"	"	"	

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE62101 - EPA 5030C (GC)										
Blank (EE62101-BLK1)				Prepared & Analyzed: 05/21/06						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00100	"							
Xylene (o)	ND	0.00100	"							
Surrogate: a,a,a-Trifluorotoluene	*42.9*		*ug/l*	*40.0*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*32.2*		*"*	*40.0*		*80.5*	*80-120*			
LCS (EE62101-BS1)				Prepared & Analyzed: 05/21/06						
Benzene	0.0415	0.00100	mg/L	0.0500		83.0	80-120			
Toluene	0.0421	0.00100	"	0.0500		84.2	80-120			
Ethylbenzene	0.0463	0.00100	"	0.0500		92.6	80-120			
Xylene (p/m)	0.102	0.00100	"	0.100		102	80-120			
Xylene (o)	0.0504	0.00100	"	0.0500		101	80-120			
Surrogate: a,a,a-Trifluorotoluene	*42.7*		*ug/l*	*40.0*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*36.2*		*"*	*40.0*		*90.5*	*80-120*			
Calibration Check (EE62101-CCV1)				Prepared & Analyzed: 05/21/06						
Benzene	44.3		ug/l	50.0		88.6	80-120			
Toluene	44.3		"	50.0		88.6	80-120			
Ethylbenzene	55.3		"	50.0		111	80-120			
Xylene (p/m)	99.1		"	100		99.1	80-120			
Xylene (o)	49.1		"	50.0		98.2	80-120			
Surrogate: a,a,a-Trifluorotoluene	*44.6*		*"*	*40.0*		*112*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*34.8*		*"*	*40.0*		*87.0*	*80-120*			
Matrix Spike (EE62101-MS1)	**Source: 6E17005-01**			Prepared: 05/21/06 Analyzed: 05/22/06						
Benzene	0.0444	0.00100	mg/L	0.0500	ND	88.8	80-120			
Toluene	0.0454	0.00100	"	0.0500	ND	90.8	80-120			
Ethylbenzene	0.0488	0.00100	"	0.0500	ND	97.6	80-120			
Xylene (p/m)	0.108	0.00100	"	0.100	ND	108	80-120			
Xylene (o)	0.0531	0.00100	"	0.0500	ND	106	80-120			
Surrogate: a,a,a-Trifluorotoluene	*45.5*		*ug/l*	*40.0*		*114*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*36.9*		*"*	*40.0*		*92.2*	*80-120*			

Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE62101 - EPA 5030C (GC)										
Matrix Spike Dup (EE62101-MSD1)	**Source: 6E17005-01**			Prepared: 05/21/06 Analyzed: 05/22/06						
Benzene	0.0439	0.00100	mg/L	0.0500	ND	87.8	80-120	1.13	20	
Toluene	0.0447	0.00100	"	0.0500	ND	89.4	80-120	1.55	20	
Ethylbenzene	0.0481	0.00100	"	0.0500	ND	96.2	80-120	1.44	20	
Xylene (p/m)	0.107	0.00100	"	0.100	ND	107	80-120	0.930	20	
Xylene (o)	0.0521	0.00100	"	0.0500	ND	104	80-120	1.90	20	
Surrogate: a,a,a-Trifluorotoluene	*46.4*		*ug/l*	*40.0*		*116*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*33.4*		*"*	*40.0*		*83.5*	*80-120*			

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE61919 - Filtration Preparation										
Blank (EE61919-BLK1)				Prepared & Analyzed: 05/18/06						
Total Dissolved Solids	ND	5.00	mg/L							
Duplicate (EE61919-DUP1)	**Source: 6E18012-01**			Prepared & Analyzed: 05/18/06						
Total Dissolved Solids	1420	5.00	mg/L		1470			3.46	5	
Batch EE62205 - General Preparation (WetChem)										
Blank (EE62205-BLK1)				Prepared & Analyzed: 05/22/06						
Sulfate	ND	0.500	mg/L							
Chloride	ND	0.500	"							
LCS (EE62205-BS1)				Prepared & Analyzed: 05/22/06						
Sulfate	8.20		mg/L	10.0		82.0	80-120			
Chloride	10.1		"	10.0		101	80-120			
Calibration Check (EE62205-CCV1)				Prepared & Analyzed: 05/22/06						
Chloride	10.1		mg/L	10.0		101	80-120			
Sulfate	9.63		"	10.0		96.3	80-120			
Duplicate (EE62205-DUP1)	**Source: 6E18012-01**			Prepared & Analyzed: 05/22/06						
Sulfate	307	10.0	mg/L		304			0.982	20	
Chloride	343	10.0	"		344			0.291	20	
Duplicate (EE62205-DUP2)	**Source: 6E18015-01**			Prepared & Analyzed: 05/22/06						
Chloride	415	10.0	mg/L		412			0.726	20	
Sulfate	50.3	10.0	"		50.6			0.595	20	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE62205 - General Preparation (WetChem)										
Matrix Spike (EE62205-MS1)	**Source: 6E18012-01**			Prepared & Analyzed: 05/22/06						
Chloride	565	10.0	mg/L	200	344	110	80-120			
Sulfate	465	10.0	"	200	304	80.5	80-120			
Matrix Spike (EE62205-MS2)	**Source: 6E18015-01**			Prepared & Analyzed: 05/22/06						
Chloride	654	10.0	mg/L	200	412	121	80-120			S-07
Sulfate	200	10.0	"	200	50.6	74.7	80-120			S-07
Batch EE62220 - General Preparation (WetChem)										
Blank (EE62220-BLK1)				Prepared & Analyzed: 05/22/06						
Total Alkalinity	ND	2.00	mg/L							
LCS (EE62220-BS1)				Prepared & Analyzed: 05/22/06						
Bicarbonate Alkalinity	214	2.00	mg/L	200		107	85-115			
Duplicate (EE62220-DUP1)	**Source: 6E18012-01**			Prepared & Analyzed: 05/22/06						
Total Alkalinity	279	2.00	mg/L		280			0.358	20	
Reference (EE62220-SRM1)				Prepared & Analyzed: 05/22/06						
Total Alkalinity	96.0		mg/L	100		96.0	90-110			

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 EE61926 - 6010B/No Digestion										
Blank (EE61926-BLK1)				Prepared & Analyzed: 05/19/06						
Calcium	ND	0.0100	mg/L							
Magnesium	ND	0.00100	"							
Potassium	ND	0.0500	"							
Sodium	ND	0.0100	"							
Calibration Check (EE61926-CCV1)				Prepared & Analyzed: 05/19/06						
Calcium	2.30		mg/L	2.00		115	85-115			
Magnesium	2.21		"	2.00		110	85-115			
Potassium	1.80		"	2.00		90.0	85-115			
Sodium	1.81		"	2.00		90.5	85-115			
Duplicate (EE61926-DUP1)	**Source: 6E18012-01**			Prepared & Analyzed: 05/19/06						
Calcium	111	0.500	mg/L		111			0.00	20	
Magnesium	58.3	0.0100	"		56.5			3.14	20	
Potassium	12.2	0.500	"		12.9			5.58	20	
Sodium	266	0.500	"		271			1.86	20	

Notes and Definitions

S-07	Recovery outside Laboratory historical or method prescribed limits.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Raland K Tuttle Date: 5/25/2006

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

Environmental Lab of Texas

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Kristin Farris Pope kpope@riceswd.com
Company Name: RICE Operating Company
Company Address: 122 W. Taylor Street
City/State/Zip: Hobbs, New Mexico 88240
Telephone No: (505) 393-9174 Fax No: (505) 397-1471
Sampler Signature: Rozanne Johnson (505) 631-9310
Email: rozanne@valornet.com

Project Name: EME P-6 Leak
Project #:
Project Loc: Lea County
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	Preservative: HNO_3	Preservative: HCl (2) 40 ml glass vials	Preservative: NaOH	Preservative: H_2SO_4	Preservative: None (1) 1 Liter HDPE	Preservative: Other (Specify)	Matrix: Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify):	Analyze For: TCLP: TPH: 418.1 8015M 1005 1006	TCLP: Cations (Ca, Mg, Na, K)	TCLP: Anions (Cl, SO4, CO3, HCO3)	TCLP: SAR / ESP / CEC	TCLP: Metals: As Ag Ba Cd Cr Pb Hg Se	TCLP: Volatiles	TCLP: Semivolatiles	TOTAL: BTEX 8021B/5030	TOTAL: RCI	TOTAL: N.O.R.M.	TOTAL: Total Dissolved Solids	RUSH TAT (Pre-Schedule)	Standard TAT
2E18013 -01	Monitor Well #1	5/16/2006	9:50	3	X		2			1		X					X	X					X			X		X
-02	Monitor Well #2	5/16/2006	8:55	3	X		2			1		X					X	X					X			X		X

Special Instructions:

PLEASE Email RESULTS TO: kpope@riceswd.com & mfranks@riceswd.com

Sample Containers Intact? Y N
Labels on container? Y N
Custody Seals: Containers / Cooler
Temperature Upon Receipt: 1.0 °C not froz

Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
Rozanne Johnson	5/18/06	6:00	James Johnson	5/18/06	6:01
James Johnson	5/18/06	12:00	Received by ELOT: Rebecca	5-18-06	1200

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

ient: Rice Operating Co.

ate/Time: 05-18-06 @ 1200

rder #: 6E18013

itials: JMM

Sample Receipt Checklist

mperature of container/cooler?	(Yes)	No	1.0 C
ipping container/cooler in good condition?	(Yes)	No	
stody Seals intact on shipping container/cooler?	(Yes)	No	Not present
stody Seals intact on sample bottles?	(Yes)	No	Not present
ain of custody present?	(Yes)	No	
mple Instructions complete on Chain of Custody?	(Yes)	No	
ain of Custody signed when relinquished and received?	(Yes)	No	
ain of custody agrees with sample label(s)	(Yes)	No	
ntainer labels legible and intact?	(Yes)	No	
mple Matrix and properties same as on chain of custody?	(Yes)	No	
mples in proper container/bottle?	(Yes)	No	
mples properly preserved?	(Yes)	No	
mple bottles intact?	(Yes)	No	
servations documented on Chain of Custody?	(Yes)	No	
ntainers documented on Chain of Custody?	(Yes)	No	
fficient sample amount for indicated test?	(Yes)	No	
l samples received within sufficient hold time?	(Yes)	No	
OC samples have zero headspace?	(Yes)	No	Not Applicable

ther observations:

Variance Documentation:

ontact Person: - Date/Time: Contacted by:

egarding:

orrective Action Taken:

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Kristin Farris-Pope

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: EME P-6 Leak

Project Number: None Given

Location: T20S-R37E-Sec6P, Lea Co., NM

Lab Order Number: 6H25012

Report Date: 09/05/06

Rice Operating Co.	Project: EME P-6 Leak	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Monitor Well #1	6H25012-01	Water	08/23/06 14:10	08-25-2006 15:22
Monitor Well #2	6H25012-02	Water	08/23/06 09:15	08-25-2006 15:22
Monitor Well #3	6H25012-03	Water	08/23/06 12:55	08-25-2006 15:22
Monitor Well #4	6H25012-04	Water	08/23/06 11:20	08-25-2006 15:22

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Rice Operating Co.	Project: EME P-6 Leak	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #3 (6H25012-03) Water									
Benzene	ND	0.00100	mg/L	1	EH62520	08/25/06	08/28/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*108 %*		*80-120*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.8 %*		*80-120*	"	"	"	"	
Monitor Well #4 (6H25012-04) Water									
Benzene	ND	0.00100	mg/L	1	EH62909	08/29/06	08/29/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*97.8 %*		*80-120*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.2 %*		*80-120*	"	"	"	"	

Rice Operating Co.	Project: EME P-6 Leak	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6H25012-01) Water									
Total Alkalinity	**234**	2.00	mg/L	1	EH63106	08/31/06	08/31/06	EPA 310.1M	
Chloride	**7370**	100	"	200	EH63019	08/28/06	08/28/06	EPA 300.0	
Total Dissolved Solids	**12900**	10.0	"	1	EH62916	08/28/06	08/30/06	EPA 160.1	
Sulfate	**1070**	100	"	200	EH63019	08/28/06	08/28/06	EPA 300.0	
Monitor Well #2 (6H25012-02) Water									
Total Alkalinity	**258**	2.00	mg/L	1	EH63106	08/31/06	08/31/06	EPA 310.1M	
Chloride	**5490**	100	"	200	EH63019	08/28/06	08/28/06	EPA 300.0	
Total Dissolved Solids	**9850**	10.0	"	1	EH62916	08/28/06	08/30/06	EPA 160.1	
Sulfate	**985**	100	"	200	EH63019	08/28/06	08/28/06	EPA 300.0	
Monitor Well #3 (6H25012-03) Water									
Total Alkalinity	**230**	2.00	mg/L	1	EH63106	08/31/06	08/31/06	EPA 310.1M	
Chloride	**8300**	100	"	200	EH63019	08/28/06	08/28/06	EPA 300.0	
Total Dissolved Solids	**13100**	10.0	"	1	EH62916	08/28/06	08/30/06	EPA 160.1	
Sulfate	**900**	100	"	200	EH63019	08/28/06	08/28/06	EPA 300.0	
Monitor Well #4 (6H25012-04) Water									
Total Alkalinity	**240**	2.00	mg/L	1	EH63106	08/31/06	08/31/06	EPA 310.1M	
Chloride	**6750**	100	"	200	EH63019	08/28/06	08/28/06	EPA 300.0	
Total Dissolved Solids	**13400**	10.0	"	1	EH62916	08/28/06	08/30/06	EPA 160.1	
Sulfate	**1050**	100	"	200	EH63019	08/28/06	08/28/06	EPA 300.0	

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Rice Operating Co.	Project: EME P-6 Leak	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	

Total Metals by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6H25012-01) Water									
Calcium	**1130**	40.5	mg/L	500	EH62802	08/28/06	08/28/06	EPA 6010B	
Magnesium	**350**	1.80	"	50	"	"	"	"	
Potassium	**29.8**	3.00	"	"	"	"	"	"	
Sodium	**2750**	43.0	"	1000	"	"	"	"	
Monitor Well #2 (6H25012-02) Water									
Calcium	**757**	40.5	mg/L	500	EH62802	08/28/06	08/28/06	EPA 6010B	
Magnesium	**274**	1.80	"	50	"	"	"	"	
Potassium	**27.5**	3.00	"	"	"	"	"	"	
Sodium	**2200**	21.5	"	500	"	"	"	"	
Monitor Well #3 (6H25012-03) Water									
Calcium	**1280**	40.5	mg/L	500	EH62802	08/28/06	08/28/06	EPA 6010B	
Magnesium	**374**	1.80	"	50	"	"	"	"	
Potassium	**31.5**	3.00	"	"	"	"	"	"	
Sodium	**3000**	21.5	"	500	"	"	"	"	
Monitor Well #4 (6H25012-04) Water									
Calcium	**1080**	40.5	mg/L	500	EH62802	08/28/06	08/28/06	EPA 6010B	
Magnesium	**312**	1.80	"	50	"	"	"	"	
Potassium	**27.6**	3.00	"	"	"	"	"	"	
Sodium	**2700**	21.5	"	500	"	"	"	"	

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Rice Operating Co.	Project: EME P-6 Leak	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	

Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EH62520 - EPA 5030C (GC)										
Blank (EH62520-BLK1)				Prepared: 08/25/06 Analyzed: 08/28/06						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00100	"							
Xylene (o)	ND	0.00100	"							
Surrogate: a,a,a-Trifluorotoluene	*42.0*		*ug/l*	*40.0*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*43.1*		"	*40.0*		*108*	*80-120*			
LCS (EH62520-BS1)				Prepared: 08/25/06 Analyzed: 08/28/06						
Benzene	0.0508	0.00100	mg/L	0.0500		102	80-120			
Toluene	0.0533	0.00100	"	0.0500		107	80-120			
Ethylbenzene	0.0539	0.00100	"	0.0500		108	80-120			
Xylene (p/m)	0.120	0.00100	"	0.100		120	80-120			
Xylene (o)	0.0559	0.00100	"	0.0500		112	80-120			
Surrogate: a,a,a-Trifluorotoluene	*43.0*		*ug/l*	*40.0*		*108*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*46.7*		"	*40.0*		*117*	*80-120*			
Calibration Check (EH62520-CCV1)				Prepared & Analyzed: 08/25/06						
Benzene	45.2		ug/l	50.0		90.4	80-120			
Toluene	48.4		"	50.0		96.8	80-120			
Ethylbenzene	52.4		"	50.0		105	80-120			
Xylene (p/m)	109		"	100		109	80-120			
Xylene (o)	54.1		"	50.0		108	80-120			
Surrogate: a,a,a-Trifluorotoluene	*41.9*		"	*40.0*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*38.5*		"	*40.0*		*96.2*	*80-120*			
Matrix Spike (EH62520-MS1)	**Source: 6H23008-01**			Prepared & Analyzed: 08/25/06						
Benzene	0.0517	0.00100	mg/L	0.0500	ND	103	80-120			
Toluene	0.0561	0.00100	"	0.0500	ND	112	80-120			
Ethylbenzene	0.0509	0.00100	"	0.0500	ND	102	80-120			
Xylene (p/m)	0.118	0.00100	"	0.100	ND	118	80-120			
Xylene (o)	0.0546	0.00100	"	0.0500	ND	109	80-120			
Surrogate: a,a,a-Trifluorotoluene	*47.5*		*ug/l*	*40.0*		*119*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*47.0*		"	*40.0*		*118*	*80-120*			

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Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EH62520 - EPA 5030C (GC)										
Matrix Spike Dup (EH62520-MSD1)	**Source: 6H23008-01**			Prepared & Analyzed: 08/25/06						
Benzene	0.0542	0.00100	mg/L	0.0500	ND	108	80-120	4.74	20	
Toluene	0.0563	0.00100	"	0.0500	ND	113	80-120	0.889	20	
Ethylbenzene	0.0539	0.00100	"	0.0500	ND	108	80-120	5.71	20	
Xylene (p/m)	0.106	0.00100	"	0.100	ND	106	80-120	10.7	20	
Xylene (o)	0.0525	0.00100	"	0.0500	ND	105	80-120	3.74	20	
Surrogate: a,a,a-Trifluorotoluene	*45.9*		*ug/l*	*40.0*		*115*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*45.3*		*"*	*40.0*		*113*	*80-120*			
Batch EH62909 - EPA 5030C (GC)										
Blank (EH62909-BLK1)				Prepared & Analyzed: 08/29/06						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00100	"							
Xylene (o)	ND	0.00100	"							
Surrogate: a,a,a-Trifluorotoluene	*42.1*		*ug/l*	*40.0*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*32.7*		*"*	*40.0*		*81.8*	*80-120*			
LCS (EH62909-BS1)				Prepared & Analyzed: 08/29/06						
Benzene	0.0499	0.00100	mg/L	0.0500		99.8	80-120			
Toluene	0.0528	0.00100	"	0.0500		106	80-120			
Ethylbenzene	0.0490	0.00100	"	0.0500		98.0	80-120			
Xylene (p/m)	0.113	0.00100	"	0.100		113	80-120			
Xylene (o)	0.0530	0.00100	"	0.0500		106	80-120			
Surrogate: a,a,a-Trifluorotoluene	*43.9*		*ug/l*	*40.0*		*110*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*46.1*		*"*	*40.0*		*115*	*80-120*			

Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EH62909 - EPA 5030C (GC)										
Calibration Check (EH62909-CCV1)				Prepared & Analyzed: 08/29/06						
Benzene	52.7		ug/l	50.0		105	80-120			
Toluene	56.2		"	50.0		112	80-120			
Ethylbenzene	55.8		"	50.0		112	80-120			
Xylene (p/m)	115		"	100		115	80-120			
Xylene (o)	57.3		"	50.0		115	80-120			
Surrogate: a,a,a-Trifluorotoluene	*44.7*		"	*40.0*		*112*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*46.4*		"	*40.0*		*116*	*80-120*			
Matrix Spike (EH62909-MS1)		**Source: 6H25012-04**		Prepared: 08/29/06 Analyzed: 08/30/06						
Benzene	0.0489	0.00100	mg/L	0.0500	ND	97.8	80-120			
Toluene	0.0506	0.00100	"	0.0500	ND	101	80-120			
Ethylbenzene	0.0510	0.00100	"	0.0500	ND	102	80-120			
Xylene (p/m)	0.117	0.00100	"	0.100	ND	117	80-120			
Xylene (o)	0.0538	0.00100	"	0.0500	ND	108	80-120			
Surrogate: a,a,a-Trifluorotoluene	*45.7*		*ug/l*	*40.0*		*114*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*47.4*		"	*40.0*		*118*	*80-120*			
Matrix Spike Dup (EH62909-MSD1)		**Source: 6H25012-04**		Prepared: 08/29/06 Analyzed: 08/30/06						
Benzene	0.0472	0.00100	mg/L	0.0500	ND	94.4	80-120	3.54	20	
Toluene	0.0489	0.00100	"	0.0500	ND	97.8	80-120	3.22	20	
Ethylbenzene	0.0471	0.00100	"	0.0500	ND	94.2	80-120	7.95	20	
Xylene (p/m)	0.107	0.00100	"	0.100	ND	107	80-120	8.93	20	
Xylene (o)	0.0500	0.00100	"	0.0500	ND	100	80-120	7.69	20	
Surrogate: a,a,a-Trifluorotoluene	*41.2*		*ug/l*	*40.0*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*44.1*		"	*40.0*		*110*	*80-120*			

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EH62916 - Filtration Preparation										
Blank (EH62916-BLK1)				Prepared: 08/28/06 Analyzed: 08/29/06						
Total Dissolved Solids	ND	10.0	mg/L							
Duplicate (EH62916-DUP1)	**Source: 6H25010-01**			Prepared: 08/28/06 Analyzed: 08/29/06						
Total Dissolved Solids	2480	10.0	mg/L		2580			3.95	5	
Duplicate (EH62916-DUP2)	**Source: 6H25013-01**			Prepared: 08/28/06 Analyzed: 08/29/06						
Total Dissolved Solids	1350	10.0	mg/L		1400			3.64	5	
Batch EH63019 - General Preparation (WetChem)										
Blank (EH63019-BLK1)				Prepared & Analyzed: 08/28/06						
Sulfate	ND	0.500	mg/L							
Chloride	ND	0.500	"							
LCS (EH63019-BS1)				Prepared & Analyzed: 08/28/06						
Chloride	10.2	0.500	mg/L	10.0		102	80-120			
Sulfate	10.1	0.500	"	10.0		101	80-120			
Calibration Check (EH63019-CCV1)				Prepared & Analyzed: 08/28/06						
Sulfate	12.0		mg/L	10.0		120	80-120			
Chloride	9.87		"	10.0		98.7	80-120			
Duplicate (EH63019-DUP1)	**Source: 6H24003-01**			Prepared & Analyzed: 08/28/06						
Sulfate	225	5.00	mg/L		227			0.885	20	
Chloride	94.7	5.00	"		102			7.42	20	
Duplicate (EH63019-DUP2)	**Source: 6H25013-01**			Prepared & Analyzed: 08/28/06						
Sulfate	40.5	10.0	mg/L		40.9			0.983	20	
Chloride	420	10.0	"		418			0.477	20	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EH63019 - General Preparation (WetChem)										
Matrix Spike (EH63019-MS1)	**Source: 6H24003-01**			Prepared & Analyzed: 08/28/06						
Sulfate	338	5.00	mg/L	100	227	111	75-125			
Chloride	204	5.00	"	100	102	102	80-120			
Matrix Spike (EH63019-MS2)	**Source: 6H25013-01**			Prepared & Analyzed: 08/28/06						
Sulfate	239	10.0	mg/L	200	40.9	99.0	75-125			
Chloride	645	10.0	"	200	418	114	80-120			
Batch EH63106 - General Preparation (WetChem)										
Blank (EH63106-BLK1)				Prepared & Analyzed: 08/31/06						
Total Alkalinity	ND	2.00	mg/L							
LCS (EH63106-BS1)				Prepared & Analyzed: 08/31/06						
Bicarbonate Alkalinity	190	2.00	mg/L	200		95.0	85-115			
Duplicate (EH63106-DUP1)	**Source: 6H24003-01**			Prepared & Analyzed: 08/31/06						
Total Alkalinity	150	2.00	mg/L		156			3.92	20	
Reference (EH63106-SRM1)				Prepared & Analyzed: 08/31/06						
Total Alkalinity	254		mg/L	250		102	90-110			

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 EH62802 - 6010B/No Digestion										
Blank (EH62802-BLK1)				Prepared & Analyzed: 08/28/06						
Calcium	ND	0.0810	mg/L							
Magnesium	ND	0.0360	"							
Potassium	ND	0.0600	"							
Sodium	ND	0.0430	"							
Calibration Check (EH62802-CCV1)				Prepared & Analyzed: 08/28/06						
Calcium	1.97		mg/L	2.00		98.5	85-115			
Magnesium	2.13		"	2.00		106	85-115			
Potassium	1.74		"	2.00		87.0	85-115			
Sodium	1.84		"	2.00		92.0	85-115			
Duplicate (EH62802-DUP1)	**Source: 6H25010-01**			Prepared & Analyzed: 08/28/06						
Calcium	267	4.05	mg/L		251			6.18	20	
Magnesium	81.9	1.80	"		77.6			5.39	20	
Potassium	7.20	0.600	"		7.76			7.49	20	
Sodium	396	2.15	"		409			3.23	20	

Rice Operating Co.	Project: EME P-6 Leak	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	

Notes and Definitions

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

Report Approved By: Raland K Tuttle Date: 9/5/2006

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

Environmental Lab of Texas

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Kristin Farris Pope kpope@riceswd.com
Company Name: RICE Operating Company
Company Address: 122 W. Taylor Street
City/State/Zip: Hobbs, New Mexico 88240
Telephone No: (505) 393-9174 Fax No: (505) 397-1471
Sampler Signature: Rozanne Johnson (505) 631-9310
Email: rozanne@valornet.com

Project Name: EME P-6 Leak
Project Number:
Project Loc: T20S-R37E-Sec6P, Lea County NM
PO Number:

6H25012

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO_3	HCl (2) 40 ml glass vials	NaOH	H_2SO_4	None (1) 1 Liter HDPE	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TPH: 418.1 8015M 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	RCI	N.O.R.M.	Total Dissolved Solids				RUSH TAT (Pre-Schedule)	Standard TAT
-01	Monitor Well #1	8/23/2006	14:10	1	X					1		X					X	X								X					X
-02	Monitor Well #2	8/23/2006	9:15	1	X					1		X					X	X								X					X
-03	Monitor Well #3	8/23/2006	12:55	3	X		2			1		X					X	X					X			X					X
-04	Monitor Well #4	8/23/2006	11:20	3	X		2			1		X					X	X					X			X					X

Special Instructions:

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

Sample Containers Intact? Y N
Labels on container? Y N
Custody Seals: Containers / Cooler
Temperature Upon Receipt: 1.0 °C
Laboratory Comments: not frozen

Relinquished by:	Date	Time	Received by:	Date	Time
Rozanne Johnson	8-25-06	13:10	James Johnson	8:25-06	13:11
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
	8-25-06	15:22		8-25-06	1522

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Rice Operating

Date/ Time: 08-25-06 @ 1522

Lab ID # : 6H25012

Initials: JMM

Sample Receipt Checklist

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

Variance Documentation

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

Regarding: _____

Corrective Action Taken: _____

Check all that Apply:

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

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Kristin Farris-Pope

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: EME P-6 Leak

Project Number: None Given

Location: T20S R37E Sec.6 P- Lea County, NM

Lab Order Number: 6K15001

Report Date: 12/01/06

Rice Operating Co.	Project: EME P-6 Leak	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Monitor Well #1	6K15001-01	Water	11/09/06 12:30	11-15-2006 08:10
Monitor Well #2	6K15001-02	Water	11/09/06 09:40	11-15-2006 08:10
Monitor Well #3	6K15001-03	Water	11/09/06 10:35	11-15-2006 08:10
Monitor Well #4	6K15001-04	Water	11/09/06 11:40	11-15-2006 08:10

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Rice Operating Co.	Project: EME P-6 Leak	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #3 (6K15001-03) Water									
Benzene	**0.0132**	0.00100	mg/L	1	EK61614	11/16/06	11/20/06	EPA 8021B	
Toluene	**0.00108**	0.00100	"	"	"	"	"	"	
Ethylbenzene	**0.00331**	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*112 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87.0 %*	*80-120*		"	"	"	"	
Monitor Well #4 (6K15001-04) Water									
Benzene	ND	0.00100	mg/L	1	EK61614	11/16/06	11/19/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*104 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*83.2 %*	*80-120*		"	"	"	"	

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Rice Operating Co.	Project: EME P-6 Leak	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6K15001-01) Water									
Total Alkalinity	**238**	2.00	mg/L	1	EK61605	11/17/06	11/17/06	EPA 310.1M	
Chloride	**6700**	100	"	200	EK61507	11/15/06	11/15/06	EPA 300.0	
Total Dissolved Solids	**13200**	10.0	"	1	EK61611	11/15/06	11/16/06	EPA 160.1	
Sulfate	**979**	100	"	200	EK61507	11/15/06	11/15/06	EPA 300.0	
Monitor Well #2 (6K15001-02) Water									
Total Alkalinity	**262**	2.00	mg/L	1	EK61605	11/17/06	11/17/06	EPA 310.1M	
Chloride	**4860**	100	"	200	EK61507	11/15/06	11/15/06	EPA 300.0	
Total Dissolved Solids	**9670**	10.0	"	1	EK61611	11/15/06	11/16/06	EPA 160.1	
Sulfate	**795**	100	"	200	EK61507	11/15/06	11/15/06	EPA 300.0	
Monitor Well #3 (6K15001-03) Water									
Total Alkalinity	**244**	2.00	mg/L	1	EK61605	11/17/06	11/17/06	EPA 310.1M	
Chloride	**7520**	100	"	200	EK61507	11/15/06	11/15/06	EPA 300.0	
Total Dissolved Solids	**14100**	10.0	"	1	EK61611	11/15/06	11/16/06	EPA 160.1	
Sulfate	**821**	100	"	200	EK61507	11/15/06	11/15/06	EPA 300.0	
Monitor Well #4 (6K15001-04) Water									
Total Alkalinity	**246**	2.00	mg/L	1	EK61605	11/17/06	11/17/06	EPA 310.1M	
Chloride	**6070**	100	"	200	EK61507	11/15/06	11/15/06	EPA 300.0	
Total Dissolved Solids	**11900**	10.0	"	1	EK61611	11/15/06	11/16/06	EPA 160.1	
Sulfate	**1080**	100	"	200	EK61507	11/15/06	11/15/06	EPA 300.0	

Rice Operating Co.	Project: EME P-6 Leak	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	

Total Metals by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6K15001-01) Water									
Calcium	**1340**	40.5	mg/L	500	EK61703	11/17/06	11/17/06	EPA 6010B	
Magnesium	**461**	3.60	"	100	"	"	"	"	
Potassium	**53.2**	0.600	"	10	"	"	"	"	
Sodium	**3100**	21.5	"	500	"	"	"	"	
Monitor Well #2 (6K15001-02) Water									
Calcium	**1000**	8.10	mg/L	100	EK61703	11/17/06	11/17/06	EPA 6010B	
Magnesium	**364**	3.60	"	"	"	"	"	"	
Potassium	**44.2**	0.600	"	10	"	"	"	"	
Sodium	**2360**	21.5	"	500	"	"	"	"	
Monitor Well #3 (6K15001-03) Water									
Calcium	**1780**	40.5	mg/L	500	EK61703	11/17/06	11/17/06	EPA 6010B	
Magnesium	**563**	3.60	"	100	"	"	"	"	
Potassium	**53.1**	0.600	"	10	"	"	"	"	
Sodium	**3640**	21.5	"	500	"	"	"	"	
Monitor Well #4 (6K15001-04) Water									
Calcium	**1380**	40.5	mg/L	500	EK61703	11/17/06	11/17/06	EPA 6010B	
Magnesium	**528**	3.60	"	100	"	"	"	"	
Potassium	**52.1**	0.600	"	10	"	"	"	"	
Sodium	**3200**	21.5	"	500	"	"	"	"	

Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EK61614 - EPA 5030C (GC)										
Blank (EK61614-BLK1)				Prepared: 11/16/06 Analyzed: 11/17/06						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00100	"							
Xylene (o)	ND	0.00100	"							
Surrogate: a,a,a-Trifluorotoluene	*47.8*		*ug/l*	*40.0*		*120*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*40.5*		"	*40.0*		*101*	*80-120*			
LCS (EK61614-BS1)				Prepared: 11/16/06 Analyzed: 11/17/06						
Benzene	0.0594	0.00100	mg/L	0.0500		119	80-120			
Toluene	0.0562	0.00100	"	0.0500		112	80-120			
Ethylbenzene	0.0458	0.00100	"	0.0500		91.6	80-120			
Xylene (p/m)	0.0949	0.00100	"	0.100		94.9	80-120			
Xylene (o)	0.0499	0.00100	"	0.0500		99.8	80-120			
Surrogate: a,a,a-Trifluorotoluene	*46.1*		*ug/l*	*40.0*		*115*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*44.2*		"	*40.0*		*110*	*80-120*			
Calibration Check (EK61614-CCV1)				Prepared: 11/16/06 Analyzed: 11/20/06						
Benzene	54.7		ug/l	50.0		109	80-120			
Toluene	48.5		"	50.0		97.0	80-120			
Ethylbenzene	42.1		"	50.0		84.2	80-120			
Xylene (p/m)	83.0		"	100		83.0	80-120			
Xylene (o)	43.3		"	50.0		86.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	*41.4*		"	*40.0*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*37.0*		"	*40.0*		*92.5*	*80-120*			
Matrix Spike (EK61614-MS1)	**Source: 6K13007-01**			Prepared: 11/16/06 Analyzed: 11/17/06						
Benzene	0.0551	0.00100	mg/L	0.0500		110	80-120			
Toluene	0.0498	0.00100	"	0.0500		99.6	80-120			
Ethylbenzene	0.0401	0.00100	"	0.0500		80.2	80-120			
Xylene (p/m)	0.0844	0.00100	"	0.100		84.4	80-120			
Xylene (o)	0.0442	0.00100	"	0.0500		88.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	*41.1*		*ug/l*	*40.0*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*42.4*		"	*40.0*		*106*	*80-120*			

Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EK61614 - EPA 5030C (GC)										
Matrix Spike Dup (EK61614-MSD1)		**Source: 6K13007-01**		Prepared: 11/16/06 Analyzed: 11/17/06						
Benzene	0.0580	0.00100	mg/L	0.0500		116	80-120	5.31	20	
Toluene	0.0550	0.00100	"	0.0500		110	80-120	9.92	20	
Ethylbenzene	0.0421	0.00100	"	0.0500		84.2	80-120	4.87	20	
Xylene (p/m)	0.0909	0.00100	"	0.100		90.9	80-120	7.42	20	
Xylene (o)	0.0455	0.00100	"	0.0500		91.0	80-120	2.90	20	
Surrogate: a,a,a-Trifluorotoluene	*46.3*		*ug/l*	*40.0*		*116*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*42.0*		"	*40.0*		*105*	*80-120*			

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EK61507 - General Preparation (WetChem)										
Blank (EK61507-BLK1)				Prepared & Analyzed: 11/15/06						
Sulfate	0.579	0.500	mg/L							B
Chloride	ND	0.500	"							
LCS (EK61507-BS1)				Prepared & Analyzed: 11/15/06						
Sulfate	10.9	0.500	mg/L	10.0		109	80-120			
Chloride	11.1	0.500	"	10.0		111	80-120			
Calibration Check (EK61507-CCV1)				Prepared & Analyzed: 11/15/06						
Chloride	10.7		mg/L	10.0		107	80-120			
Sulfate	12.0		"	10.0		120	80-120			
Duplicate (EK61507-DUP1)	**Source: 6K15004-01**			Prepared & Analyzed: 11/15/06						
Sulfate	79.9	5.00	mg/L		79.8			0.125	20	
Chloride	232	5.00	"		234			0.858	20	
Duplicate (EK61507-DUP2)	**Source: 6K15006-07**			Prepared & Analyzed: 11/15/06						
Sulfate	78.2	5.00	mg/L		78.1			0.128	20	
Chloride	37.9	5.00	"		43.7			14.2	20	
Matrix Spike (EK61507-MS1)	**Source: 6K15004-01**			Prepared & Analyzed: 11/15/06						
Chloride	345	5.00	mg/L	100	234	111	80-120			
Sulfate	175	5.00	"	100	79.8	95.2	80-120			
Matrix Spike (EK61507-MS2)	**Source: 6K15006-07**			Prepared & Analyzed: 11/15/06						
Chloride	142	5.00	mg/L	100	43.7	98.3	80-120			
Sulfate	175	5.00	"	100	78.1	96.9	80-120			

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EK61605 - General Preparation (WetChem)										
Blank (EK61605-BLK1)				Prepared & Analyzed: 11/17/06						
Total Alkalinity	ND	2.00	mg/L							
Blank (EK61605-BLK2)				Prepared & Analyzed: 11/17/06						
Total Alkalinity	ND	2.00	mg/L							
LCS (EK61605-BS1)				Prepared & Analyzed: 11/17/06						
Bicarbonate Alkalinity	172		mg/L	200		86.0	85-115			
LCS (EK61605-BS2)				Prepared & Analyzed: 11/17/06						
Bicarbonate Alkalinity	172		mg/L	200		86.0	85-115			
Hydroxide Alkalinity	0.00	0.100	"				85-115			
Duplicate (EK61605-DUP1)	**Source: 6K15001-01**			Prepared & Analyzed: 11/17/06						
Total Alkalinity	238	2.00	mg/L		238			0.00	20	
Carbonate Alkalinity	0.00	0.100	"		0.00				20	
Bicarbonate Alkalinity	0.00	2.00	"		0.00				20	
Hydroxide Alkalinity	0.00	0.100	"		0.00				20	
Duplicate (EK61605-DUP2)	**Source: 6K16005-01**			Prepared & Analyzed: 11/17/06						
Total Alkalinity	296	2.00	mg/L		300			1.34	20	
Carbonate Alkalinity	0.00	0.100	"		0.00				20	
Bicarbonate Alkalinity	0.00	2.00	"		300				20	
Hydroxide Alkalinity	0.00	0.100	"		0.00				20	
Reference (EK61605-SRM1)				Prepared & Analyzed: 11/17/06						
Total Alkalinity	238		mg/L	250		95.2	90-110			
Reference (EK61605-SRM2)				Prepared & Analyzed: 11/17/06						
Total Alkalinity	238		mg/L	250		95.2	90-110			

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EK61611 - Filtration Preparation										
Blank (EK61611-BLK1)				Prepared: 11/15/06 Analyzed: 11/16/06						
Total Dissolved Solids	ND	10.0	mg/L							
Duplicate (EK61611-DUP1)		**Source: 6K15001-01**		Prepared: 11/15/06 Analyzed: 11/16/06						
Total Dissolved Solids	14000	10.0	mg/L		13200			5.88	5	QR-03
Duplicate (EK61611-DUP2)		**Source: 6K15005-03**		Prepared: 11/15/06 Analyzed: 11/16/06						
Total Dissolved Solids	586	10.0	mg/L		622			5.96	5	QR-03

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

Project: EME P-6 Leak
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EK61611 - Filtration Preparation										
Blank (EK61611-BLK1)				Prepared: 11/15/06 Analyzed: 11/16/06						
Total Dissolved Solids	ND	10.0	mg/L							
Duplicate (EK61611-DUP1)	**Source: 6K15001-01**			Prepared: 11/15/06 Analyzed: 11/16/06						
Total Dissolved Solids	14000	10.0	mg/L		13200			5.88	5	QR-03
Duplicate (EK61611-DUP2)	**Source: 6K15005-03**			Prepared: 11/15/06 Analyzed: 11/16/06						
Total Dissolved Solids	586	10.0	mg/L		622			5.96	5	QR-03

Rice Operating Co.	Project: EME P-6 Leak	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	

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 EK61703 - 6010B/No Digestion										
Blank (EK61703-BLK1)				Prepared & Analyzed: 11/17/06						
Calcium	ND	0.0810	mg/L							
Magnesium	ND	0.0360	"							
Potassium	ND	0.0600	"							
Sodium	ND	0.0430	"							
Calibration Check (EK61703-CCV1)				Prepared & Analyzed: 11/17/06						
Calcium	2.17		mg/L	2.00		108	85-115			
Magnesium	2.21		"	2.00		110	85-115			
Potassium	1.74		"	2.00		87.0	85-115			
Sodium	1.88		"	2.00		94.0	85-115			
Duplicate (EK61703-DUP1)	**Source: 6K15001-01**			Prepared & Analyzed: 11/17/06						
Calcium	1300	40.5	mg/L		1340			3.03	20	
Magnesium	461	3.60	"		461			0.00	20	
Potassium	55.7	0.600	"		53.2			4.59	20	
Sodium	2890	21.5	"		3100			7.01	20	

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
B	Analyte is found in the associated blank as well as in the sample (CLP B-flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Raland K. Tuttle Date: 12/1/2006

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

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

Project Manager: Kristin Farris Pope kpope@riceswd.com

Project Name: EME P-6 Leak

Company Name: RICE Operating Company

Project #:

Company Address: 122 W. Taylor Street

Project Loc: T20S R37E Sec6 P ~ Lea County New Mexico

City/State/Zip: Hobbs, New Mexico 88240

PO #:

Telephone No: (505) 393-9174 Fax No: (505) 397-1471

Report Format: [X] Standard [ ] TRRP [ ] NPDES

Sampler Signature: Rozanne Johnson (505)631-9310 e-mail: rozanne@valornet.com

(lab use only)
ORDER #: 6K15001

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl (2) 40 ml glass vials	H2SO4	NaOH	Na2S2O3	None (1) 1 Liter HDPE	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TPH: 418.1 8015M 8015B	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles (BTEX-N 8260)	Semivolatiles	BTEX 8021B/5030 or BTEX 8260 (TCLP: / TOTAL: X)	RCI	N.O.R.M.	Total Dissolved Solids	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
-01	Monitor Well #1			11/9/2006	12:30		1	X						1		GW			X	X								X		X
-02	Monitor Well #2			11/9/2006	9:40		1	X						1		GW			X	X								X		X
-03	Monitor Well #3			11/9/2006	10:35		3	X		2				1		GW			X	X					X			X		X
-04	Monitor Well #4			11/9/2006	11:40		3	X		2				1		GW			X	X					X			X		X

Special Instructions:
Please email to : kpope@riceswd.com mfranks@riceswd.com rozanne@valornet.com

Relinquished by:	Date	Time	Received by:	Date	Time
Rozanne Johnson	11/14/06	20:00	James Johnson	11/14/06	20:06
James Johnson	11/15/06	8:10			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
				11/15/06	8:10

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		

Temperature Upon Receipt: 0.5 °C

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

ient: RICO Op.

ate/ Time: 11/15/06 8:10

ab ID # : 6K15001

itials: CK

Sample Receipt Checklist

					Client Initials
1	Temperature of container/ cooler?	Yes	No	0.5 °C	
2	Shipping container in good condition?	Yes	No		
3	Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present	
4	Custody Seals intact on sample bottles/ container?	Yes	No	Not Present	
5	Chain of Custody present?	Yes	No		
6	Sample instructions complete of Chain of Custody?	Yes	No		
7	Chain of Custody signed when relinquished/ received?	Yes	No		
8	Chain of Custody agrees with sample label(s)?	Yes	No	ID written on Cont./ Lid	
9	Container label(s) legible and intact?	Yes	No	Not Applicable	
10	Sample matrix/ properties agree with Chain of Custody?	Yes	No		
11	Containers supplied by ELOT?	Yes	No		
12	Samples in proper container/ bottle?	Yes	No	See Below	
13	Samples properly preserved?	Yes	No	See Below	
14	Sample bottles intact?	Yes	No		
15	Preservations documented on Chain of Custody?	Yes	No		
16	Containers documented on Chain of Custody?	Yes	No		
17	Sufficient sample amount for indicated test(s)?	Yes	No	See Below	
18	All samples received within sufficient hold time?	Yes	No	See Below	
19	Subcontract of sample(s)?	Yes	No	Not Applicable	
20	VOC samples have zero headspace?	Yes	No	Not Applicable	

Variance Documentation

ıtact: _____ Contacted by: _____ Date/ Time: _____

arding: _____

_____

ective Action Taken:

_____

_____

_____

ck all that Apply:

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

ATTACHMENT C

NMOCD Correspondence

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

OCD hereby approves of the request with the following condition:

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

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

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

The constituents of concern are chlorides and TDS.

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

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

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

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

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

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

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

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

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

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

Thanks,
Gil

Gilbert J. Van Deventer

R. T. Hicks Consultants, Ltd.

1909 Brunson Ave, Midland TX 79701-6924

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