AP - 47

ANNUAL GW MONITOR REPORT

DATE: 2006

AP-47

Annual GW Mon. Report

2006

Highlander Environmental Corp.

Midland, Texas

#7 Recd 3-14-07

CERTIFIED MAIL
RETURN RECEIPT NO. 7004 2510 0001 1869 0941

March 8, 2007

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: 2006 Annual Groundwater Summary Report & Project Status Report, Rice Operating Company, Blinebry Drinkard (BD) SWD System Junction Box F-17, Unit F, Section 17, T-21-S, R-37-E, Lea County, New Mexico, NMOCD CASE #1R0426-14 (AP-47)

Dear Mr. Price:

Highlander Environmental Corp. (Highlander) takes this opportunity to submit the 2006 Annual Groundwater Summary Report for the Rice Operating Company (ROC), Blinebry Drinkard (BD) SWD System junction box F-17.

Background

As part of the ROC Junction Box Upgrade Workplan, starting on September 17, 2002, the junction box was removed and the Site was delineated vertically and horizontally with a backhoe. The Site was excavated to the approximate dimensions of 20 feet x 20 feet x 12 feet. Chloride impact was consistent vertically. No TPH impact was indicated.

During the excavation, an older junction box was discovered approximately 10 feet south of the existing location. On November 18, 2002, a soil boring was placed near this old box location and advanced to a depth of 75 feet. Chloride concentrations declined with depth, however, chloride impact to groundwater was observed.

Also on November 18, 2002, a 2 inch diameter monitor well was installed to a total depth of 85 feet. On December 13, 2002, ROC notified the NMOCD of groundwater impact, and on November 7, 2003 ROC submitted a Junction Box Disclosure Form to the NMOCD. Groundwater has been sampled and analyzed on a quarterly basis since June 2003. The

quarterly sampling has confirmed that there is no hydrocarbon impact to groundwater at this Site. The excavation was backfilled and the junction moved 45 feet south of the original site. The Site location is shown on Figure 1.

On March 17, 2005 an Investigation and Characterization Plan (ICP) was submitted to the NMOCD. On May 5, 2005, Daniel Sanchez with the NMOCD requested a Rule 19, Stage I Abatement Plan for this site. On July 12, 2005 a Stage I Abatement Plan was submitted to the NMOCD. The Stage I Abatement Plan approval was received, dated February 23, 2006.

Stage 1 Abatement Plan Implementation

As part of the Stage 1 Abatement Plan two additional monitor wells were proposed for the site. These two monitor wells (MW-2 and MW-3) were installed on March 22-23, 2006. The well locations are shown on Figure 2. MW-2 was placed down-gradient of MW-1 and MW-3 was placed up-gradient. The wells were developed and sampled on March 27, 2006.

Also as part of the Stage I Abatement Plan, a water well database search was performed to encompass a ½ mile radius around the site. ROC performed an internet search of the New Mexico Office of the State Engineer (OSE) and the United States Geologic Survey (USGS) databases for water wells within a ½ mile radius of the subject site.

RULE 19 RELEASE REQUEST and SOIL WORK PLAN

In a report to the NMOCD, dated August 10, 2006, ROC requested a release from additional Stage 1 and Stage 2 requirements and proposed to continue monitoring of the site. Additionally, ROC proposed to complete assessment and remediation of chloride impacted soils for closure under NMOCD approval. The horizontal extent of chloride impact to soils would be evaluated with a backhoe. Once evaluated, the soils will be excavated down below the root zone (minimum of 3.0' below ground surface) and an evapotranspiration barrier (non-compacted clay cap) will be placed into the excavation. The excavated soils will be evaluated for placement back into the excavation to ensure that it will sustain vegetative cover. Once completed, a closure report will be prepared and submitted for the soils portion of this investigation.

The New Mexico Oil Conservation Division Responded to the above-mentioned report on September 27, 2006, in an email memorandum. In that memorandum, the NMOCD stated that they required some additional data in order to continue evaluation of the request for Release from Rule 19. Specifically, the NMOCD requested an area map showing surrounding water wells, monitoring wells and any other sites that may have an impact on this site, and that ROC demonstrate that the groundwater gradient is accurate. A response letter with the requested data was submitted on December 27, 2006. NMOCD approval for the release request is currently pending.

Monitor Well Sampling

The site monitor wells were sampled on January 16, March 27 (MW-2 and MW-3) April 11, July 11 and October 5, 2006. Prior to sampling, the wells were gauged for static water levels. The monitor well caps were opened and water level measurements were taken from the top of the casing. The measurements were taken to the nearest 0.01 feet.

The wells were then purged using a portable submersible pump. Approximately three casing volumes of water were purged from each well prior to sampling. The pump and associated tubing were decontaminated with a laboratory grade detergent and rinsed with deionized water. Cumulative water level measurements and purge volumes for the monitor wells are included in the Tables Section of this report.

The wells were also inspected for the presence of phase-separated hydrocarbons (PSH). Groundwater samples were collected as soon as possible after the groundwater returned to its static level. Groundwater samples were collected using clean disposable polyethylene bailers and disposable line. The samples were transferred into labeled and preserved containers provided by the laboratory. The samples were delivered under proper chain-of-custody control to Environmental Labs of Texas, Inc., Odessa, Texas. The groundwater samples were analyzed for major anions, by methods 310.1, 9253 and 375.4, cations by method 6010B, Total Dissolved Solids (TDS) by method 160.1 and Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) by method EPA 8021B. Copies of the laboratory reports are enclosed in Appendix A.

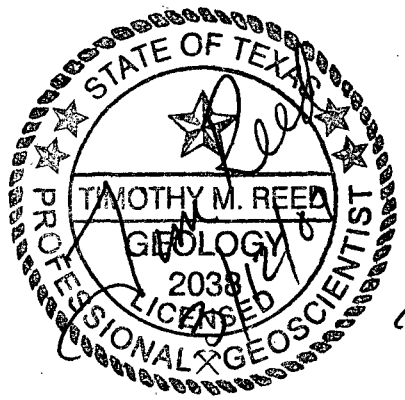
Monitor Well Sample Results

Monitor Well MW-2, down-gradient, has shown consistently low chloride concentrations ranging from 47.6 mg/L to 60.5 mg/L. The up-gradient well, MW-3 is showing an increase in chloride concentration from 901 mg/L to 1,680 mg/L and appears to indicate an up-gradient source of groundwater impact. In reviewing the historical data for MW-1, for the first 18 months of sampling, the chloride concentrations fluctuated between 177 mg/L and 886 mg/L. Then in January 2005, the chloride concentration jumped to 2,970 mg/L and has since ranged from 1,890 mg/L to 2,510 mg/L. Chloride concentrations decreased dramatically in MW-1 for the 4th quarter sampling event (1,020 mg/L). Considering the concentration found in the upgradient monitor well, it appears that the impact to MW-1 may be at least somewhat affected by an up-gradient source of contamination.

In 2006, there were no BTEX constituents detected at or above reporting limits for any of the monitor wells. Cumulative analytical data is summarized in the Table Section of this report.

Conclusions

1. In 2006, there were no BTEX constituents detected at or above reporting limits for any of the monitor wells, and no BTEX has ever been detected in MW-1.
2. Chloride and total dissolved solid (TDS) concentrations from monitor wells MW-1 and upgradient MW-3 exceeded the New Mexico Water Quality Control Commission (WQCC) standards of 250 mg/L for chloride and 1000 mg/L for TDS in all sampling events.
3. Monitor Well MW-2, down-gradient, has shown consistently low chloride concentrations ranging from 47.6 mg/L to 60.5 mg/L. The up-gradient well, MW-3 is showing an increase in chloride concentration from 901 mg/L to 1,680 mg/L and appears to indicate an up-gradient source of groundwater impact. The historical data for MW-1, for the first 18 months of sampling, the chloride concentrations fluctuated between 177 mg/L and 886 mg/L. Then in January 2005, the chloride concentration jumped to 2,970 mg/L and has since ranged from 1,890 mg/L to 2,510 mg/L. Chloride concentrations decreased dramatically in MW-1 for the 4th quarter sampling event (1,020 mg/L). Considering the concentration found in the upgradient monitor well, it appears that the impact to MW-1 may be at least somewhat affected by an up-gradient source of contamination.
4. Quarterly monitoring at this site will continue, until notified By the NMOCD and, if warranted, an annual report will be prepared and submitted to the NMOCD in the first quarter of 2008.



Respectfully Submitted,
HIGHLANDER ENVIRONMENTAL CORP.

Timothy M. Reed, P.G.
Vice President

cc: ROC, Edward Hansen – NMOCD
Enclosures: Figures, Tables, Laboratory Analysis

FIGURES

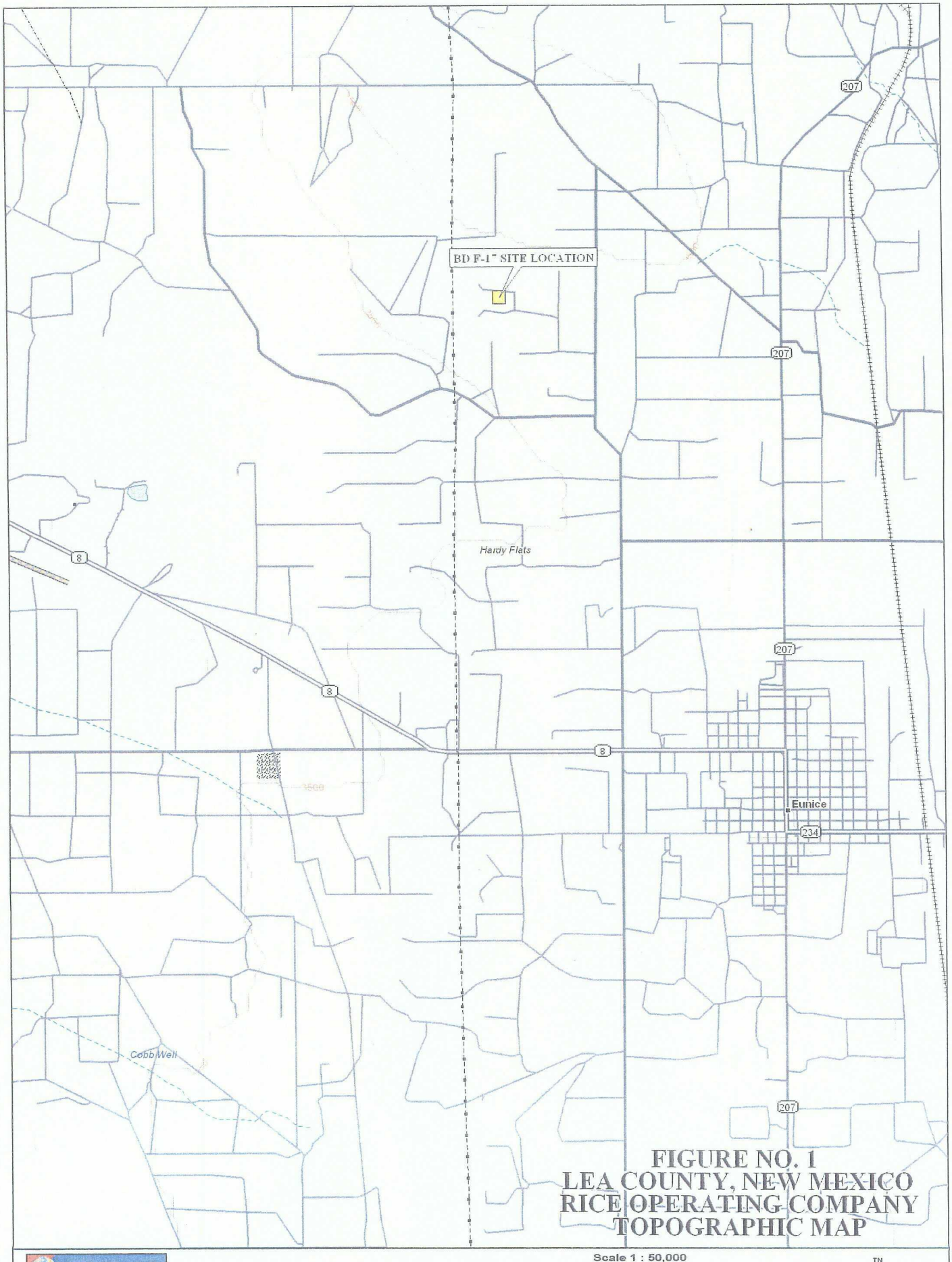


FIGURE NO. 1
LEA COUNTY, NEW MEXICO
RICE OPERATING COMPANY
TOPOGRAPHIC MAP

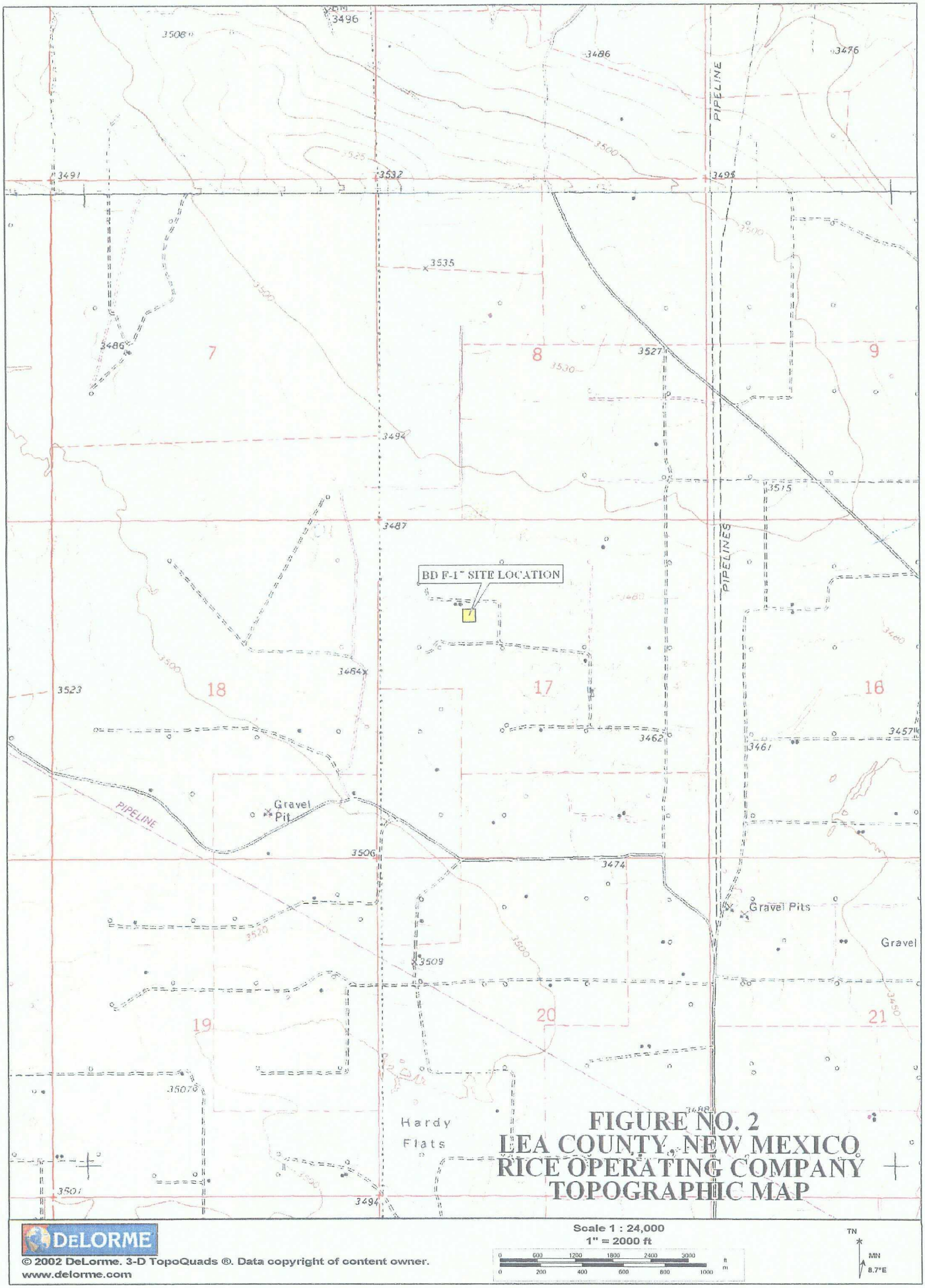


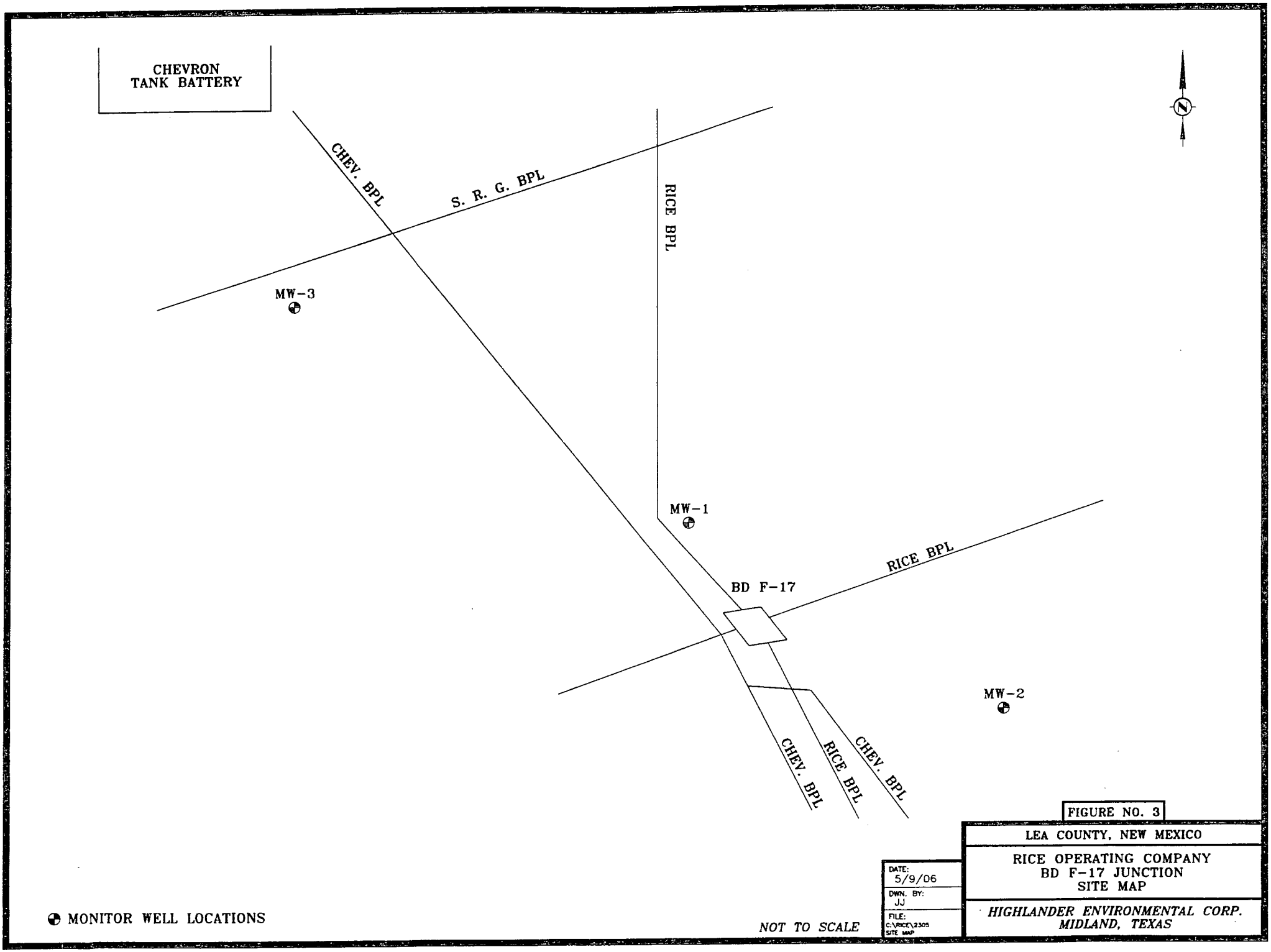
FIGURE NO. 2
LEA COUNTY, NEW MEXICO
RICE OPERATING COMPANY
TOPOGRAPHIC MAP

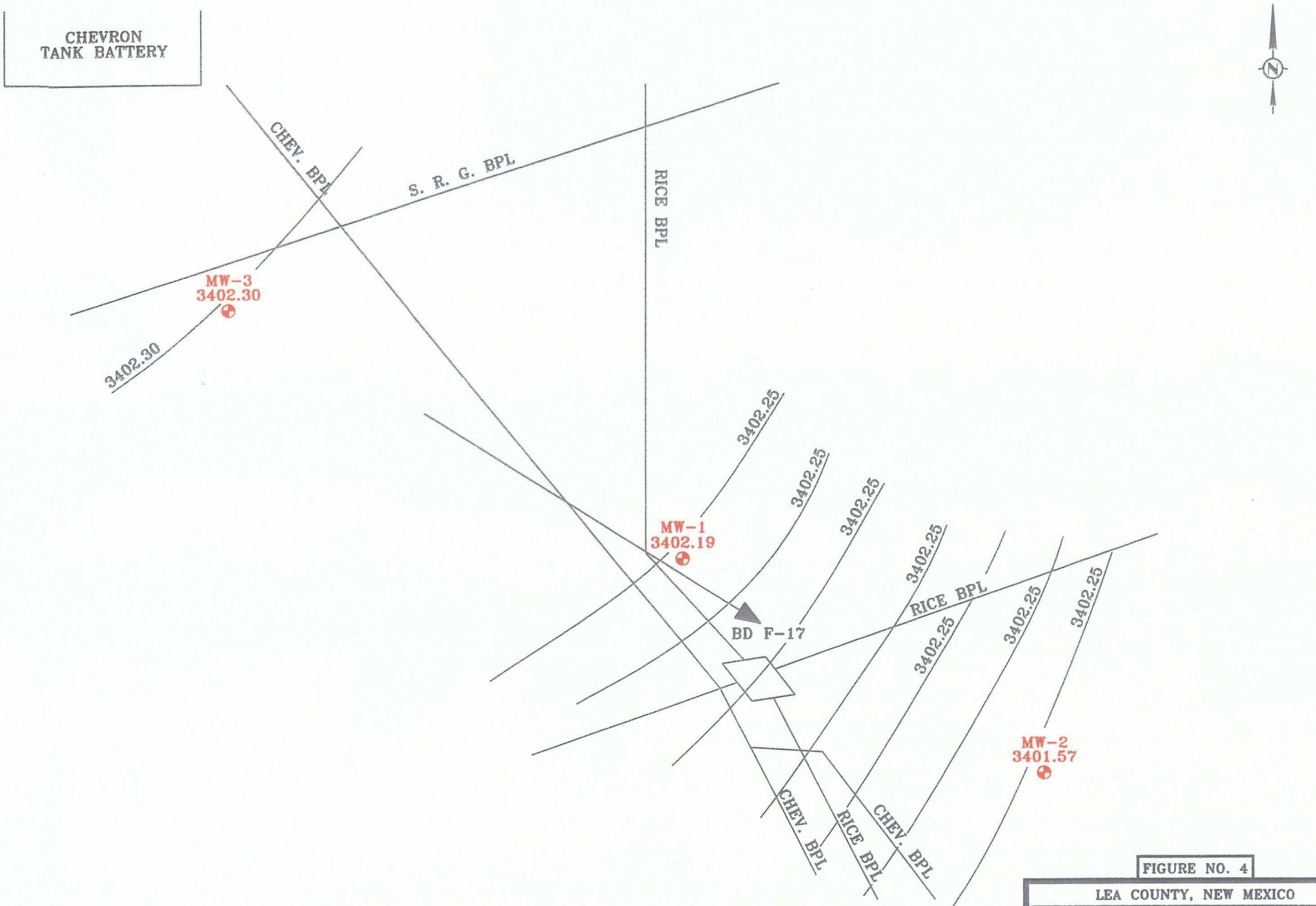
DeLORME

Scale 1 : 24,000
1" = 2000 ft

0 600 1200 1800 2400 3000 ft
0 200 400 600 800 1000 m

TN
MN
8.7°E


CHEVRON
TANK BATTERY
CHEV. BPL
S. R. G. BPL
RICE BPL
MW-3
MW-1
BD F-17
RICE BPL
MW-2
CHEV. BPL
RICE BPL
CHEV. BPL
MONITOR WELL LOCATIONS
NOT TO SCALE
FIGURE NO. 3
LEA COUNTY, NEW MEXICO
RICE OPERATING COMPANY
BD F-17 JUNCTION
SITE MAP
DATE: 5/9/06
DWN. BY: JJ
FILE: C:\RICE\2305 SITE MAP
HIGHLANDER ENVIRONMENTAL CORP.
MIDLAND, TEXAS



MONITOR WELL LOCATIONS

NOT TO SCALE

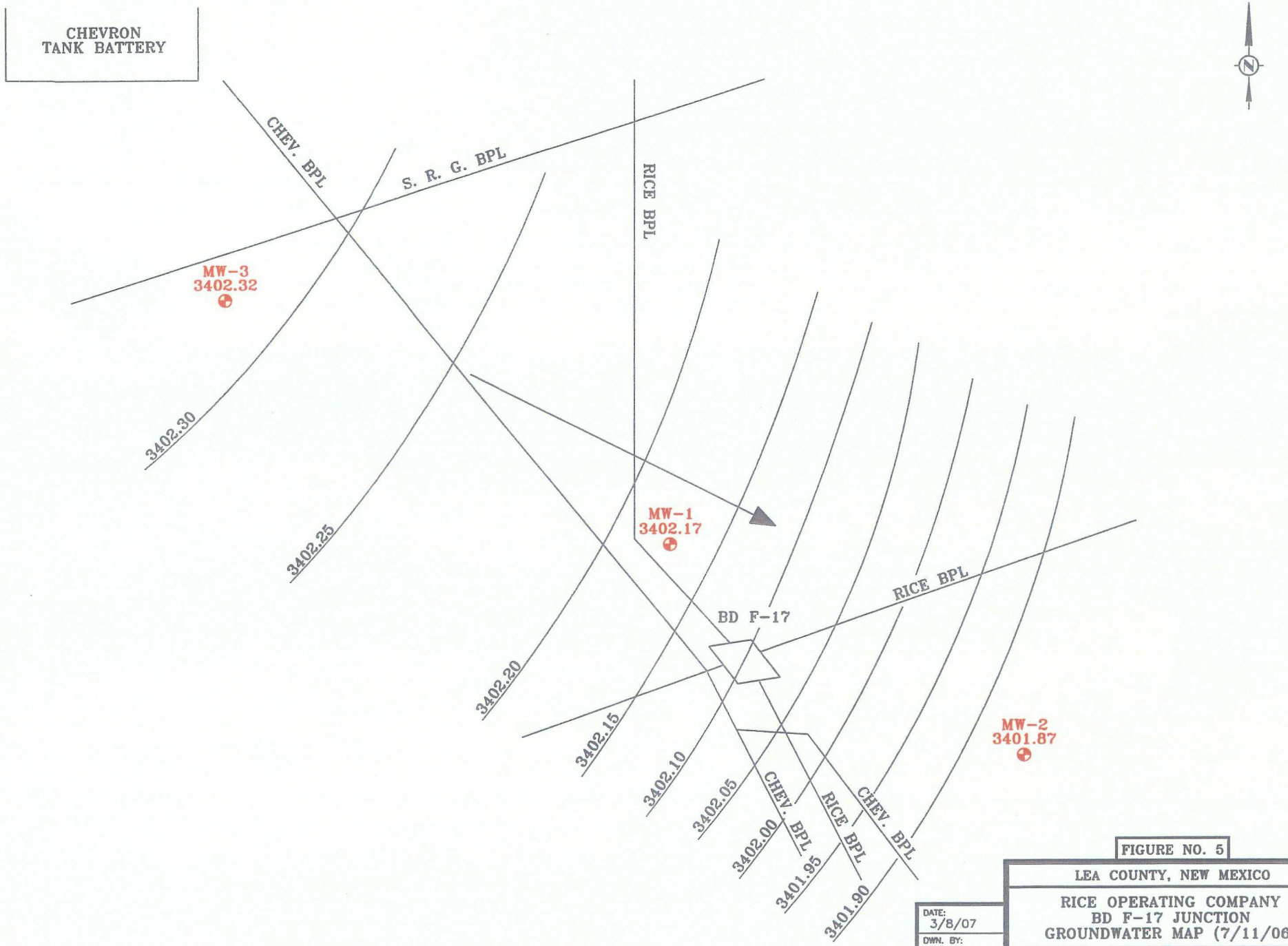
FIGURE NO. 4

LEA COUNTY, NEW MEXICO

RICE OPERATING COMPANY
BD F-17 JUNCTION
GROUNDWATER MAP (4/11/06)

HIGHLANDER ENVIRONMENTAL CORP.
MIDLAND, TEXAS

DATE: 3/8/07
DWN. BY: JJ
FILE: C:\RICE\2305 GROUNDWATER MAP



MONITOR WELL LOCATIONS

NOT TO SCALE

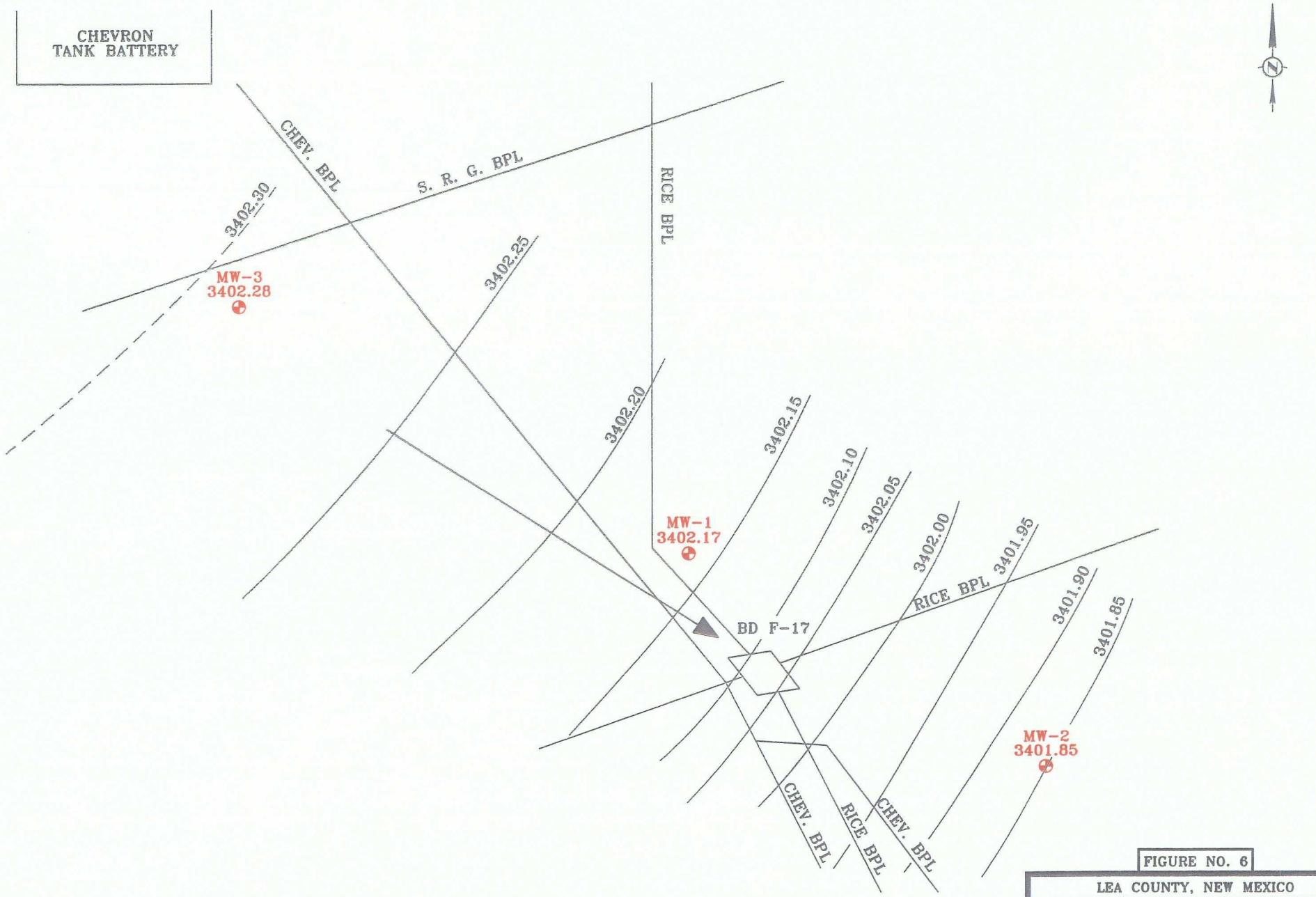
FIGURE NO. 5

LEA COUNTY, NEW MEXICO

RICE OPERATING COMPANY
BD F-17 JUNCTION
GROUNDWATER MAP (7/11/06)

HIGHLANDER ENVIRONMENTAL CORP.
MIDLAND, TEXAS

DATE: 3/8/07
DWN. BY: JJ
FILE: c:\RICE\2305 GROUNDWATER MAP



MONITOR WELL LOCATIONS

NOT TO SCALE

FIGURE NO. 6

LEA COUNTY, NEW MEXICO

RICE OPERATING COMPANY
BD F-17 JUNCTION
GROUNDWATER MAP (10/5/06)

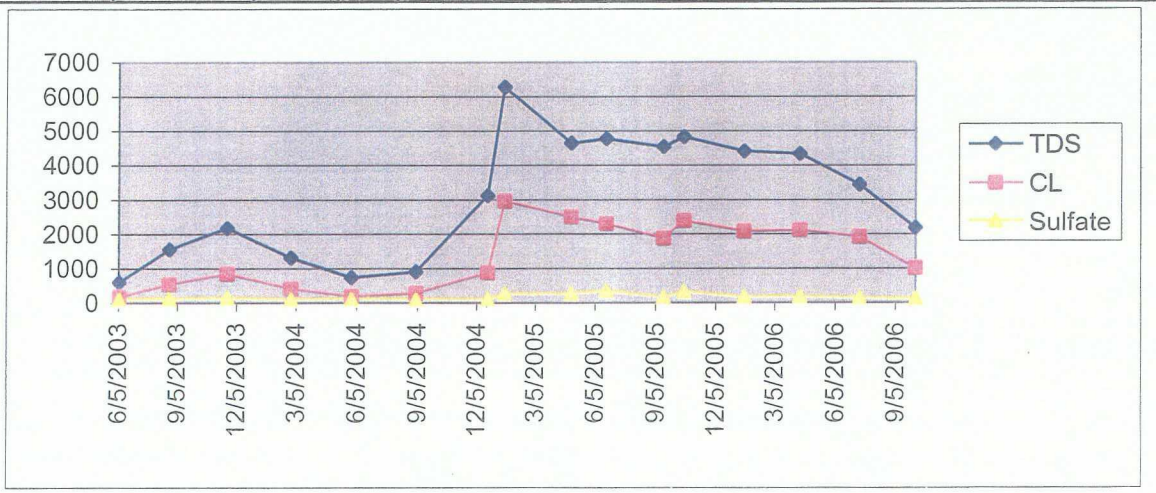
HIGHLANDER ENVIRONMENTAL CORP.
MIDLAND, TEXAS

DATE: 3/8/07
DWN. BY: JJ
FILE: C:\RICE\2305 GROUNDWATER MAP

TABLES

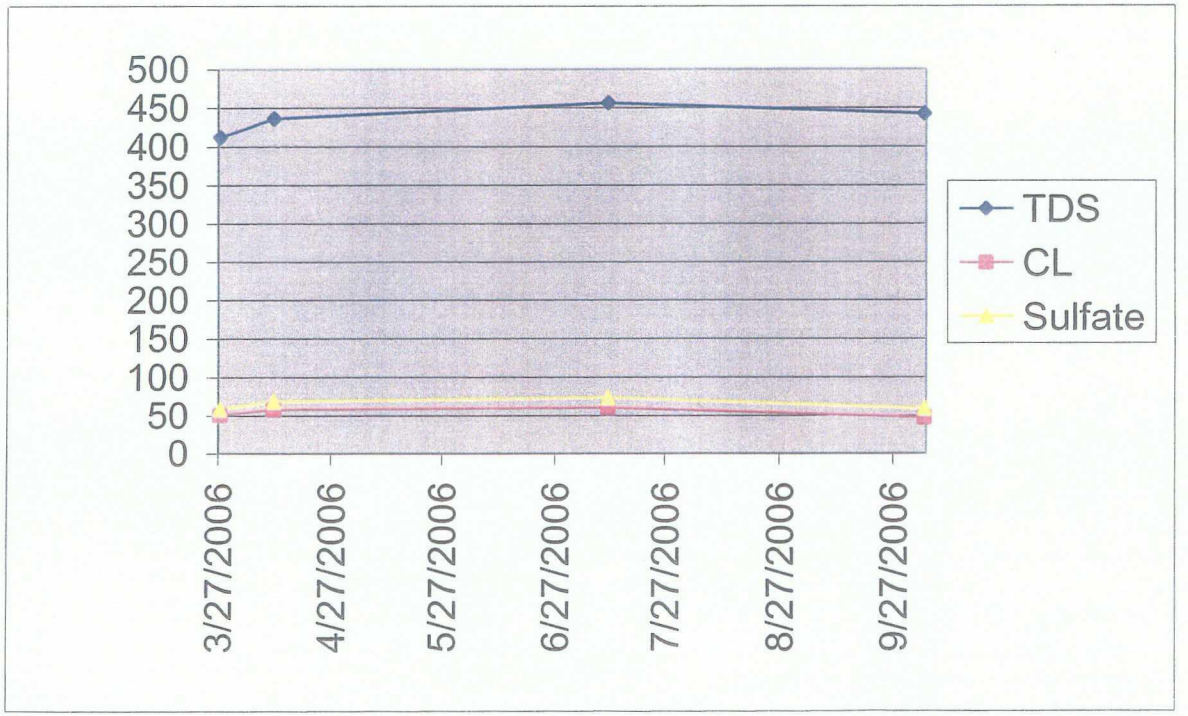
Rice Engineering Operating
F-17
Lea County, New Mexico

MW	Depth to Water	Total Depth	Well Volume	Volume Purged	Sample Date	Cl	TDS	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Sulfate	Comments
1	75.67	85.20	1.5240	4.5	06/05/03	177	589	<0.001	<0.001	<0.001	<0.001	97.6	
1	75.73	85.12	1.50	4.5	08/22/03	549	1540	<0.001	<0.001	<0.001	<0.001	112	
1	75.75	84.85	1.456	4.3	11/20/03	851	2160	<0.001	<0.001	<0.001	<0.001	132	
1	75.73	84.48	1.40	4.2	02/25/04	415	1300	<0.001	<0.001	<0.001	<0.001	96.8	
1	71.75	85.12	2.13	6.4	05/27/04	195	726	<0.001	<0.001	<0.001	<0.001	97.8	
1	75.48	84.60	1.46	4.4	09/02/04	284	896	<0.001	<0.001	<0.001	<0.001	90.6	Lt brown
1	75.10	84.00	1.42	4.5	12/21/04	886	3120	<0.001	<0.001	<0.001	<0.001	96.2	
1	75.18	84.07	1.42	4.26	01/16/05	2970	6280	<0.001	<0.001	<0.001	<0.001	257	Re-sample
1	75.21	84.20	1.44	5.0	04/28/05	2510	4640	<0.001	<0.001	<0.001	<0.001	259	
1	75.20	84.15	1.43	10.0	06/21/05	2310	4770	<0.001	<0.001	<0.001	<0.001	339	
1	75.21	84.20	1.40	12.0	09/16/05	1890	4540	<0.001	<0.001	<0.001	<0.001	147	
1	75.20	84.20	1.40	5.0	10/17/05	2400	4830	<0.001	<0.001	<0.001	<0.001	319	
1	85.15	84.20	1.40	8.0	01/16/06	2090	4410	<0.001	<0.001	<0.001	<0.001	154	Silt to clear
1	75.20	84.20	1.40	8.0	04/11/06	2130	4340	<0.001	<0.001	<0.001	<0.001	167	Silt to clear
1	75.22	84.20	1.40	10.0	07/11/06	1930	3440	<0.001	<0.001	<0.001	<0.001	126	Clear
1	75.22	84.20	1.40	10.0	10/05/06	1020	2170	<0.001	<0.001	<0.001	<0.001	98.1	Clear



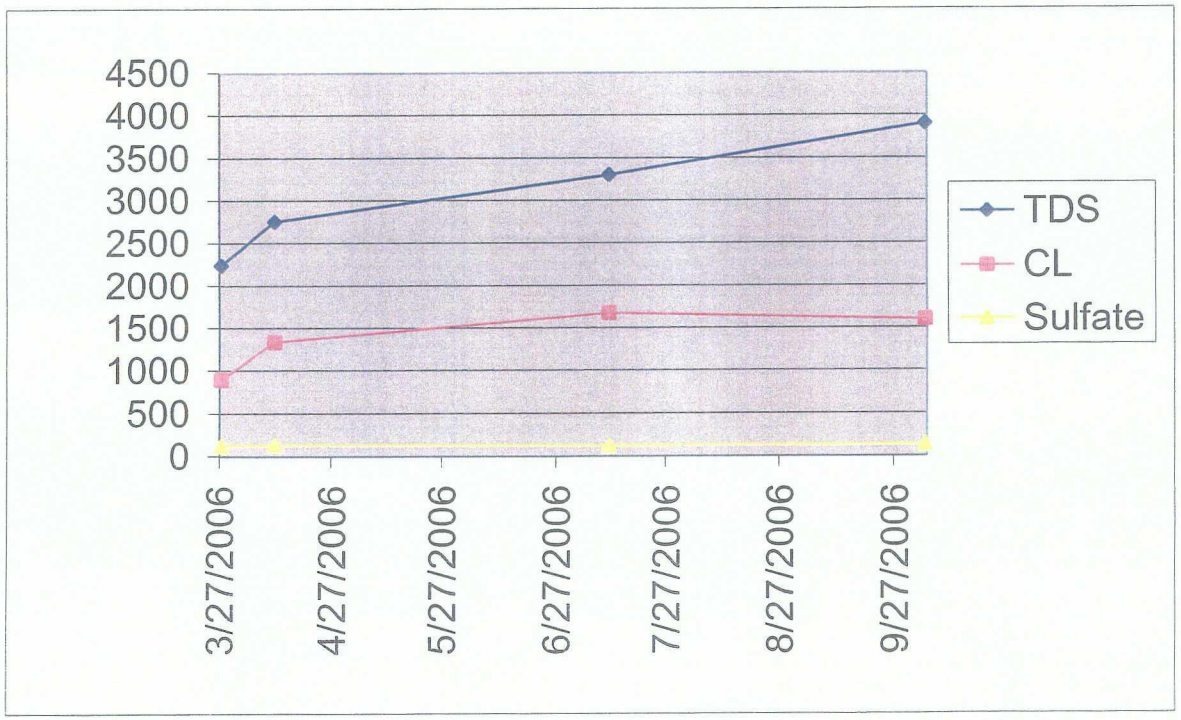
Rice Engineering Operating
F-17
Lea County, New Mexico

MW	Depth to Water	Total Depth	Well Volume	Volume Purged	Sample Date	Cl	TDS	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Sulfate	Comments
2	75.55	90.00	2.30	10.0	03/27/06	50.8	412	<0.001	<0.001	<0.001	<0.001	58.4	
2	75.90	90.00	2.30	10.0	04/11/06	57.9	436	<0.001	<0.001	<0.001	<0.001	68.2	
2	75.60	90.00	2.30	10.0	07/11/06	60.5	456	<0.001	<0.001	<0.001	<0.001	73.3	
2	75.62	90.00	2.30	10.0	10/05/06	47.6	442	<0.001	<0.001	<0.001	<0.001	59.2	Clear



Rice Engineering Operating
F-17
Lea County, New Mexico

MW	Depth to Water	Total Depth	Well Volume	Volume Purged	Sample Date	Cl	TDS	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Sulfate	Comments
3	73.91	88.00	2.30	10.0	03/27/06	901	2240	<0.001	<0.001	<0.001	<0.001	126	
3	73.93	88.00	2.30	10.0	04/11/06	1340	2750	<0.001	<0.001	<0.001	<0.001	138	
3	73.91	88.00	2.30	10.0	07/11/06	1680	3300	<0.001	<0.001	<0.001	<0.001	125	
3	73.95	88.00	2.20	10.0	10/05/06	1600	3900	<0.001	<0.001	<0.001	<0.001	134	Clear



APPENDIX A

Lab Analysis

1/16/06

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: BD Jct. F-17

Project Number: None Given

Location: Lea County

Lab Order Number: 6A19011

Report Date: 01/28/06

Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	01/28/06 09:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Monitor Well #1	6A19011-01	Water	01/16/06 12:10	01/19/06 11:10

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

Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	01/28/06 09:04

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6A19011-01) Water									
Benzene	ND	0.00100	mg/L	1	EA62304	01/23/06	01/24/06	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		*81.2 %*		*80-120*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*81.5 %*		*80-120*		"	"	"	

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Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	01/28/06 09:04

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 (6A19011-01) Water									
Total Alkalinity	**178**	2.00	mg/L	1	EA62406	01/26/06	01/26/06	EPA 310.1M	
Chloride	**2090**	25.0	"	50	EA62018	01/20/06	01/20/06	EPA 300.0	
Total Dissolved Solids	**4410**	5.00	"	1	EA62307	01/19/06	01/20/06	EPA 160.1	
Sulfate	**154**	25.0	"	50	EA62018	01/20/06	01/20/06	EPA 300.0	

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Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	01/28/06 09:04

Total Metals by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6A19011-01) Water									
Calcium	**345**	0.500	mg/L	50	EA62615	01/26/06	01/26/06	EPA 6010B	
Magnesium	**187**	0.0500	"	"	"	"	"	"	
Potassium	**14.0**	0.500	"	10	"	"	"	"	
Sodium	**738**	5.00	"	500	"	"	"	"	

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Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	01/28/06 09:04

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 EA62304 - EPA 5030C (GC)										
Blank (EA62304-BLK1)				Prepared & Analyzed: 01/23/06						
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	*37.5*		*ug/l*	*40.0*		*93.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*32.6*		"	*40.0*		*81.5*	*80-120*			
LCS (EA62304-BS1)				Prepared & Analyzed: 01/23/06						
Benzene	0.0461	0.00100	mg/L	0.0500		92.2	80-120			
Toluene	0.0462	0.00100	"	0.0500		92.4	80-120			
Ethylbenzene	0.0427	0.00100	"	0.0500		85.4	80-120			
Xylene (p/m)	0.0846	0.00100	"	0.100		84.6	80-120			
Xylene (o)	0.0451	0.00100	"	0.0500		90.2	80-120			
Surrogate: a,a,a-Trifluorotoluene	*38.5*		*ug/l*	*40.0*		*96.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*37.9*		"	*40.0*		*94.8*	*80-120*			
Calibration Check (EA62304-CCV1)				Prepared & Analyzed: 01/23/06						
Benzene	44.4		ug/l	50.0		88.8	80-120			
Toluene	45.2		"	50.0		90.4	80-120			
Ethylbenzene	42.5		"	50.0		85.0	80-120			
Xylene (p/m)	83.1		"	100		83.1	80-120			
Xylene (o)	44.5		"	50.0		89.0	80-120			
Surrogate: a,a,a-Trifluorotoluene	*35.8*		"	*40.0*		*89.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*35.5*		"	*40.0*		*88.8*	*80-120*			
Matrix Spike (EA62304-MS1)	**Source: 6A20019-01**			Prepared & Analyzed: 01/23/06						
Benzene	0.0455	0.00100	mg/L	0.0500	ND	91.0	80-120			
Toluene	0.0452	0.00100	"	0.0500	ND	90.4	80-120			
Ethylbenzene	0.0417	0.00100	"	0.0500	ND	83.4	80-120			
Xylene (p/m)	0.0829	0.00100	"	0.100	ND	82.9	80-120			
Xylene (o)	0.0445	0.00100	"	0.0500	ND	89.0	80-120			
Surrogate: a,a,a-Trifluorotoluene	*38.2*		*ug/l*	*40.0*		*95.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*36.2*		"	*40.0*		*90.5*	*80-120*			

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Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	01/28/06 09:04

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 EA62304 - EPA 5030C (GC)										
Matrix Spike Dup (EA62304-MSD1)	**Source: 6A20019-01**			Prepared & Analyzed: 01/23/06						
Benzene	0.0427	0.00100	mg/L	0.0500	ND	85.4	80-120	6.35	20	
Toluene	0.0428	0.00100	"	0.0500	ND	85.6	80-120	5.45	20	
Ethylbenzene	0.0404	0.00100	"	0.0500	ND	80.8	80-120	3.17	20	
Xylene (p/m)	0.0802	0.00100	"	0.100	ND	80.2	80-120	3.31	20	
Xylene (o)	0.0427	0.00100	"	0.0500	ND	85.4	80-120	4.13	20	
Surrogate: a,a,a-Trifluorotoluene	*37.2*		*ug/l*	*40.0*		*93.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*35.4*		"	*40.0*		*88.5*	*80-120*			

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Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	01/28/06 09:04

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 EA62018 - General Preparation (WetChem)										
Blank (EA62018-BLK1)				Prepared & Analyzed: 01/20/06						
Sulfate	ND	0.500	mg/L							
Chloride	ND	0.500	"							
LCS (EA62018-BS1)				Prepared & Analyzed: 01/20/06						
Chloride	8.74		mg/L	10.0		87.4	80-120			
Sulfate	9.62		"	10.0		96.2	80-120			
Calibration Check (EA62018-CCV1)				Prepared & Analyzed: 01/20/06						
Sulfate	9.77		mg/L	10.0		97.7	80-120			
Chloride	8.88		"	10.0		88.8	80-120			
Duplicate (EA62018-DUP1)	**Source: 6A19008-01**			Prepared & Analyzed: 01/20/06						
Sulfate	110	5.00	mg/L		111			0.905	20	
Chloride	61.5	5.00	"		62.2			1.13	20	
Batch EA62307 - General Preparation (WetChem)										
Blank (EA62307-BLK1)				Prepared: 01/19/06 Analyzed: 01/20/06						
Total Dissolved Solids	ND	5.00	mg/L							
Duplicate (EA62307-DUP1)	**Source: 6A19005-01**			Prepared: 01/19/06 Analyzed: 01/20/06						
Total Dissolved Solids	2400	5.00	mg/L		2480			3.28	5	
Batch EA62406 - General Preparation (WetChem)										
Blank (EA62406-BLK1)				Prepared & Analyzed: 01/26/06						
Total Alkalinity	ND	2.00	mg/L							

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Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	01/28/06 09:04

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 EA62406 - General Preparation (WetChem)										
LCS (EA62406-BS1)				Prepared & Analyzed: 01/26/06						
Bicarbonate Alkalinity	220		mg/L	200		110	85-115			
Duplicate (EA62406-DUP1)		**Source: 6A19005-01**		Prepared & Analyzed: 01/26/06						
Total Alkalinity	258	2.00	mg/L		256			0.778	20	
Reference (EA62406-SRM1)				Prepared & Analyzed: 01/26/06						
Total Alkalinity	97.0		mg/L	100		97.0	90-110			

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Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	01/28/06 09:04

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 EA62615 - 6010B/No Digestion										
Blank (EA62615-BLK1)				Prepared & Analyzed: 01/26/06						
Calcium	ND	0.0100	mg/L							
Magnesium	ND	0.00100	"							
Potassium	ND	0.0500	"							
Sodium	ND	0.0100	"							
Calibration Check (EA62615-CCV1)				Prepared & Analyzed: 01/26/06						
Calcium	2.12		mg/L	2.00		106	85-115			
Magnesium	1.99		"	2.00		99.5	85-115			
Potassium	1.88		"	2.00		94.0	85-115			
Sodium	1.94		"	2.00		97.0	85-115			
Duplicate (EA62615-DUP1)	**Source: 6A19005-01**			Prepared & Analyzed: 01/26/06						
Calcium	224	0.500	mg/L		222			0.897	20	
Magnesium	115	0.0500	"		120			4.26	20	
Potassium	14.6	0.500	"		15.2			4.03	20	
Sodium	306	0.500	"		313			2.26	20	

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Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	01/28/06 09:04

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: 1/28/2006

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 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: BD Jct. F-17
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
41901-01	Monitor Well #1	1/16/2006	12:10	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: -2.0

Laboratory Comments:
1 H poly
2 VOA

Relinquished by:	Date	Time	Received by:	Date	Time
Rozanne Johnson	1/19/2006	6:53	James Johnson	1/19/2006	6:54
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
James Johnson	1/19/2006	11:10	Carrie Lee	1/19/06	11:10

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

Client: Lite Dp.

Date/Time: 9/19/06 11:10

Order #: 6A1906/1

Initials: NK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	-2.6 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:

Samples not frozen

Variance Documentation:

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

Regarding:

Corrective Action Taken:

3/27/06

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: BD Jct. F-17

Project Number: None Given

Location: Lea County

Lab Order Number: 6C29008

Report Date: 04/10/06

Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	04/10/06 15:15

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Minotor Well #2	6C29008-01	Water	03/27/06 08:45	03/29/06 13:40
Minotor Well #3	6C29008-02	Water	03/27/06 09:50	03/29/06 13:40

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Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	04/10/06 15:15

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Minotor Well #2 (6C29008-01) Water									
Benzene	ND	0.00100	mg/L	1	EC63016	03/30/06	03/31/06	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		*80.8 %*		*80-120*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.2 %*		*80-120*		"	"	"	
Minotor Well #3 (6C29008-02) Water									
Benzene	ND	0.00100	mg/L	1	EC63016	03/30/06	03/31/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*87.0 %*		*80-120*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.0 %*		*80-120*		"	"	"	

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Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	04/10/06 15:15

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Minotor Well #2 (6C29008-01) Water									
Total Alkalinity	**148**	2.00	mg/L	1	ED60315	04/03/06	04/03/06	EPA 310.1M	
Chloride	**50.8**	5.00	"	10	ED60306	03/31/06	04/03/06	EPA 300.0	
Total Dissolved Solids	**412**	5.00	"	1	EC63019	03/29/06	03/30/06	EPA 160.1	
Sulfate	**58.4**	5.00	"	10	ED60306	03/31/06	04/03/06	EPA 300.0	
Minotor Well #3 (6C29008-02) Water									
Total Alkalinity	**194**	2.00	mg/L	1	ED60315	04/03/06	04/03/06	EPA 310.1M	
Chloride	**901**	10.0	"	20	ED60306	03/31/06	04/03/06	EPA 300.0	
Total Dissolved Solids	**2240**	5.00	"	1	EC63019	03/29/06	03/30/06	EPA 160.1	
Sulfate	**126**	10.0	"	20	ED60306	03/31/06	04/03/06	EPA 300.0	

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Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	04/10/06 15:15

Total Metals by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Minotor Well #2 (6C29008-01) Water									
Calcium	**38.2**	0.100	mg/L	10	EC63112	03/31/06	03/31/06	EPA 6010B	
Magnesium	**16.8**	0.0100	"	"	"	"	"	"	
Potassium	**3.43**	0.500	"	"	"	"	"	"	
Sodium	**60.6**	0.100	"	"	"	"	"	"	
Minotor Well #3 (6C29008-02) Water									
Calcium	**263**	0.500	mg/L	50	EC63112	03/31/06	03/31/06	EPA 6010B	
Magnesium	**120**	0.0500	"	"	"	"	"	"	
Potassium	**10.7**	0.500	"	10	"	"	"	"	
Sodium	**190**	0.500	"	50	"	"	"	"	

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 EC63016 - EPA 5030C (GC)										
Blank (EC63016-BLK1)				Prepared & Analyzed: 03/30/06						
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	*33.8*		*ug/l*	*40.0*		*84.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*38.6*		"	*40.0*		*96.5*	*80-120*			
LCS (EC63016-BS1)				Prepared & Analyzed: 03/30/06						
Benzene	0.0405	0.00100	mg/L	0.0500		81.0	80-120			
Toluene	0.0441	0.00100	"	0.0500		88.2	80-120			
Ethylbenzene	0.0593	0.00100	"	0.0500		119	80-120			
Xylene (p/m)	0.102	0.00100	"	0.100		102	80-120			
Xylene (o)	0.0499	0.00100	"	0.0500		99.8	80-120			
Surrogate: a,a,a-Trifluorotoluene	*34.4*		*ug/l*	*40.0*		*86.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*39.8*		"	*40.0*		*99.5*	*80-120*			
Calibration Check (EC63016-CCV1)				Prepared: 03/30/06 Analyzed: 03/31/06						
Benzene	45.1		ug/l	50.0		90.2	80-120			
Toluene	41.8		"	50.0		83.6	80-120			
Ethylbenzene	46.8		"	50.0		93.6	80-120			
Xylene (p/m)	95.9		"	100		95.9	80-120			
Xylene (o)	47.5		"	50.0		95.0	80-120			
Surrogate: a,a,a-Trifluorotoluene	*39.7*		"	*40.0*		*99.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*35.1*		"	*40.0*		*87.8*	*80-120*			
Matrix Spike (EC63016-MS1)	**Source: 6C24010-02**			Prepared: 03/30/06 Analyzed: 03/31/06						
Benzene	0.0450	0.00100	mg/L	0.0500	ND	90.0	80-120			
Toluene	0.0429	0.00100	"	0.0500	ND	85.8	80-120			
Ethylbenzene	0.0491	0.00100	"	0.0500	ND	98.2	80-120			
Xylene (p/m)	0.0999	0.00100	"	0.100	ND	99.9	80-120			
Xylene (o)	0.0492	0.00100	"	0.0500	ND	98.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	*35.1*		*ug/l*	*40.0*		*87.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*36.9*		"	*40.0*		*92.2*	*80-120*			

Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	04/10/06 15:15

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 EC63016 - EPA 5030C (GC)										
Matrix Spike Dup (EC63016-MSD1)	**Source: 6C24010-02**			Prepared: 03/30/06 Analyzed: 03/31/06						
Benzene	0.0433	0.00100	mg/L	0.0500	ND	86.6	80-120	3.85	20	
Toluene	0.0415	0.00100	"	0.0500	ND	83.0	80-120	3.32	20	
Ethylbenzene	0.0475	0.00100	"	0.0500	ND	95.0	80-120	3.31	20	
Xylene (p/m)	0.0971	0.00100	"	0.100	ND	97.1	80-120	2.84	20	
Xylene (o)	0.0475	0.00100	"	0.0500	ND	95.0	80-120	3.52	20	
Surrogate: a,a,a-Trifluorotoluene	*43.1*		*ug/l*	*40.0*		*108*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*34.5*		*"*	*40.0*		*86.2*	*80-120*			

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

Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	04/10/06 15:15

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 EC63019 - General Preparation (WetChem)										
Blank (EC63019-BLK1)				Prepared: 03/29/06 Analyzed: 03/30/06						
Total Dissolved Solids	ND	5.00	mg/L							
Duplicate (EC63019-DUP1)	**Source: 6C29006-01**			Prepared: 03/29/06 Analyzed: 03/30/06						
Total Dissolved Solids	1660	5.00	mg/L		1700			2.38	5	
Batch ED60306 - General Preparation (WetChem)										
Blank (ED60306-BLK1)				Prepared & Analyzed: 04/03/06						
Sulfate	ND	0.500	mg/L							
Chloride	ND	0.500	"							
LCS (ED60306-BS1)				Prepared & Analyzed: 04/03/06						
Chloride	8.69		mg/L	10.0		86.9	80-120			
Sulfate	9.44		"	10.0		94.4	80-120			
Calibration Check (ED60306-CCV1)				Prepared & Analyzed: 04/03/06						
Sulfate	9.95		mg/L	10.0		99.5	80-120			
Chloride	9.04		"	10.0		90.4	80-120			
Duplicate (ED60306-DUP1)	**Source: 6C29006-01**			Prepared & Analyzed: 04/03/06						
Sulfate	211	10.0	mg/L		233			9.91	20	
Chloride	570	10.0	"		564			1.06	20	
Batch ED60315 - General Preparation (WetChem)										
Blank (ED60315-BLK1)				Prepared & Analyzed: 04/03/06						
Total Alkalinity	ND	2.00	mg/L							

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

Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	04/10/06 15:15

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 ED60315 - General Preparation (WetChem)										
Duplicate (ED60315-DUP1)	**Source: 6C29006-01**			Prepared & Analyzed: 04/03/06						
Total Alkalinity	176	2.00	mg/L		177			0.567	20	
Reference (ED60315-SRM1)				Prepared & Analyzed: 04/03/06						
Total Alkalinity	98.0		mg/L	100		98.0	90-110			

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

Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	04/10/06 15:15

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 EC63112 - 6010B/No Digestion										
Blank (EC63112-BLK1)				Prepared & Analyzed: 03/31/06						
Calcium	ND	0.0100	mg/L							
Magnesium	ND	0.00100	"							
Potassium	ND	0.0500	"							
Sodium	ND	0.0100	"							
Calibration Check (EC63112-CCV1)				Prepared & Analyzed: 03/31/06						
Calcium	1.85		mg/L	2.00		92.5	85-115			
Magnesium	1.84		"	2.00		92.0	85-115			
Potassium	1.76		"	2.00		88.0	85-115			
Sodium	1.74		"	2.00		87.0	85-115			
Duplicate (EC63112-DUP1)	**Source: 6C23007-01**			Prepared & Analyzed: 03/31/06						
Calcium	145	0.500	mg/L		147			1.37	20	
Magnesium	94.1	0.0500	"		93.9			0.213	20	
Potassium	30.2	0.500	"		29.7			1.67	20	
Sodium	483	2.00	"		490			1.44	20	

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Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	04/10/06 15:15

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: 4/10/2006

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 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: BD Jct. F-17
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	Analyze For: TOTAL: 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
9	Monitor Well #2	3/27/2006	8:45	3	X		2			1		X					X	X					X			X				X
10	Monitor Well #3	3/27/2006	9:50	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: 1.0 °C

Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
Rozanne Johnson	3/29/06	1:39			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Cassie Lee	3/29/06	1:40

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

Client: Rice Op.

Date/Time: 3/29/06 1:40

Order #: 6C29005

Initials: CK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	1.0 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:

4/11/06

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: BD Jct. F-17

Project Number: None Given

Location: Lea County

Lab Order Number: 6D12002

Report Date: 04/25/06

Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	04/25/06 08:08

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Monitor Well #1	6D12002-01	Water	04/11/06 11:05	04/12/06 12:00
Monitor Well #2	6D12002-02	Water	04/11/06 09:30	04/12/06 12:00
Monitor Well #3	6D12002-03	Water	04/11/06 08:20	04/12/06 12:00

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Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	04/25/06 08:08

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6D12002-01) Water									
Benzene	ND	0.00100	mg/L	1	ED61702	04/17/06	04/17/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*81.2 %*		*80-120*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.0 %*		*80-120*		"	"	"	
Monitor Well #2 (6D12002-02) Water									
Benzene	ND	0.00100	mg/L	1	ED61702	04/17/06	04/17/06	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		*93.0 %*		*80-120*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.2 %*		*80-120*		"	"	"	
Monitor Well #3 (6D12002-03) Water									
Benzene	ND	0.00100	mg/L	1	ED61702	04/17/06	04/18/06	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		*93.2 %*		*80-120*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*80.8 %*		*80-120*		"	"	"	

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Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	04/25/06 08:08

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 (6D12002-01) Water									
Total Alkalinity	**194**	2.00	mg/L	1	ED61405	04/14/06	04/14/06	EPA 310.1M	
Chloride	**2130**	25.0	"	50	ED61710	04/17/06	04/17/06	EPA 300.0	
Total Dissolved Solids	**4340**	5.00	"	1	ED61705	04/13/06	04/14/06	EPA 160.1	
Sulfate	**167**	25.0	"	50	ED61710	04/17/06	04/17/06	EPA 300.0	
Monitor Well #2 (6D12002-02) Water									
Total Alkalinity	**166**	2.00	mg/L	1	ED61405	04/14/06	04/14/06	EPA 310.1M	
Chloride	**57.9**	5.00	"	10	ED61710	04/17/06	04/17/06	EPA 300.0	
Total Dissolved Solids	**436**	5.00	"	1	ED61705	04/13/06	04/14/06	EPA 160.1	
Sulfate	**68.2**	5.00	"	10	ED61710	04/17/06	04/17/06	EPA 300.0	
Monitor Well #3 (6D12002-03) Water									
Total Alkalinity	**189**	2.00	mg/L	1	ED61405	04/14/06	04/14/06	EPA 310.1M	
Chloride	**1340**	12.5	"	25	ED61710	04/17/06	04/17/06	EPA 300.0	
Total Dissolved Solids	**2750**	5.00	"	1	ED61705	04/13/06	04/14/06	EPA 160.1	
Sulfate	**138**	12.5	"	25	ED61710	04/17/06	04/17/06	EPA 300.0	

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Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	04/25/06 08:08

Total Metals by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (6D12002-01) Water									
Calcium	**286**	0.500	mg/L	50	ED61308	04/13/06	04/13/06	EPA 6010B	
Magnesium	**153**	0.0500	"	"	"	"	"	"	
Potassium	**13.4**	0.500	"	10	"	"	"	"	
Sodium	**734**	2.00	"	200	"	"	"	"	
Monitor Well #2 (6D12002-02) Water									
Calcium	**52.9**	0.100	mg/L	10	ED61308	04/13/06	04/13/06	EPA 6010B	
Magnesium	**20.2**	0.0100	"	"	"	"	"	"	
Potassium	**3.76**	0.500	"	"	"	"	"	"	
Sodium	**68.6**	0.500	"	50	"	"	"	"	
Monitor Well #3 (6D12002-03) Water									
Calcium	**330**	0.500	mg/L	50	ED61308	04/13/06	04/13/06	EPA 6010B	
Magnesium	**152**	0.0500	"	"	"	"	"	"	
Potassium	**10.4**	0.500	"	10	"	"	"	"	
Sodium	**248**	0.500	"	50	"	"	"	"	

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Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	04/25/06 08:08

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 ED61702 - EPA 5030C (GC)										
Blank (ED61702-BLK1)				Prepared & Analyzed: 04/17/06						
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	*38.1*		*ug/l*	*40.0*		*95.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*33.2*		"	*40.0*		*83.0*	*80-120*			
LCS (ED61702-BS1)				Prepared & Analyzed: 04/17/06						
Benzene	0.0505	0.00100	mg/L	0.0500		101	80-120			
Toluene	0.0529	0.00100	"	0.0500		106	80-120			
Ethylbenzene	0.0579	0.00100	"	0.0500		116	80-120			
Xylene (p/m)	0.120	0.00100	"	0.100		120	80-120			
Xylene (o)	0.0584	0.00100	"	0.0500		117	80-120			
Surrogate: a,a,a-Trifluorotoluene	*32.4*		*ug/l*	*40.0*		*81.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*40.2*		"	*40.0*		*100*	*80-120*			
Calibration Check (ED61702-CCV1)				Prepared: 04/17/06 Analyzed: 04/18/06						
Benzene	59.0		ug/l	50.0		118	80-120			
Toluene	55.5		"	50.0		111	80-120			
Ethylbenzene	57.5		"	50.0		115	80-120			
Xylene (p/m)	115		"	100		115	80-120			
Xylene (o)	58.7		"	50.0		117	80-120			
Surrogate: a,a,a-Trifluorotoluene	*41.0*		"	*40.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*42.3*		"	*40.0*		*106*	*80-120*			
Matrix Spike (ED61702-MS1)	**Source: 6D13006-01**			Prepared: 04/17/06 Analyzed: 04/19/06						
Benzene	0.0546	0.00100	mg/L	0.0500	ND	109	80-120			
Toluene	0.0567	0.00100	"	0.0500	ND	113	80-120			
Ethylbenzene	0.0587	0.00100	"	0.0500	ND	117	80-120			
Xylene (p/m)	0.120	0.00100	"	0.100	ND	120	80-120			
Xylene (o)	0.0555	0.00100	"	0.0500	ND	111	80-120			
Surrogate: a,a,a-Trifluorotoluene	*42.0*		*ug/l*	*40.0*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*44.2*		"	*40.0*		*110*	*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 ED61702 - EPA 5030C (GC)										
Matrix Spike Dup (ED61702-MSD1)	**Source: 6D13006-01**			Prepared: 04/17/06 Analyzed: 04/18/06						
Benzene	0.0491	0.00100	mg/L	0.0500	ND	98.2	80-120	10.4	20	
Toluene	0.0495	0.00100	"	0.0500	ND	99.0	80-120	13.2	20	
Ethylbenzene	0.0504	0.00100	"	0.0500	ND	101	80-120	14.7	20	
Xylene (p/m)	0.111	0.00100	"	0.100	ND	111	80-120	7.79	20	
Xylene (o)	0.0555	0.00100	"	0.0500	ND	111	80-120	0.00	20	
Surrogate: a,a,a-Trifluorotoluene	*37.4*		*ug/l*	*40.0*		*93.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*40.2*		*"*	*40.0*		*100*	*80-120*			

Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	04/25/06 08:08

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 ED61405 - General Preparation (WetChem)										
Blank (ED61405-BLK1)				Prepared & Analyzed: 04/14/06						
Total Alkalinity	ND	2.00	mg/L							
Hydroxide Alkalinity	ND	0.100	"							
LCS (ED61405-BS1)				Prepared: 04/14/06 Analyzed: 04/21/06						
Total Alkalinity	0.00		mg/L	200			85-115			
Carbonate Alkalinity	0.00	0.100	"				85-115			
Bicarbonate Alkalinity	216		"	200		108	85-115			
Hydroxide Alkalinity	0.00	0.100	"				85-115			
Duplicate (ED61405-DUP1)		**Source: 6D12002-01**		Prepared & Analyzed: 04/14/06						
Total Alkalinity	193	2.00	mg/L		194			0.517	20	
Reference (ED61405-SRM1)				Prepared & Analyzed: 04/14/06						
Total Alkalinity	97.0		mg/L	100		97.0	90-110			
Batch ED61705 - General Preparation (WetChem)										
Blank (ED61705-BLK1)				Prepared: 04/13/06 Analyzed: 04/14/06						
Total Dissolved Solids	ND	5.00	mg/L							
Duplicate (ED61705-DUP1)		**Source: 6D12002-03RE1**		Prepared: 04/13/06 Analyzed: 04/14/06						
Total Dissolved Solids	3410	5.00	mg/L		3580			4.86	5	
Batch ED61710 - General Preparation (WetChem)										
Blank (ED61710-BLK1)				Prepared & Analyzed: 04/17/06						
Sulfate	ND	0.500	mg/L							
Chloride	ND	0.500	"							

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Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	04/25/06 08:08

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 ED61710 - General Preparation (WetChem)										
LCS (ED61710-BS1)				Prepared & Analyzed: 04/17/06						
Sulfate	9.39		mg/L	10.0		93.9	80-120			
Chloride	10.1		"	10.0		101	80-120			
Calibration Check (ED61710-CCV1)				Prepared & Analyzed: 04/17/06						
Chloride	10.7		mg/L	10.0		107	80-120			
Sulfate	11.5		"	10.0		115	80-120			
Duplicate (ED61710-DUP1)		**Source: 6D12002-01**		Prepared & Analyzed: 04/17/06						
Chloride	2180	25.0	mg/L		2130			2.32	20	
Sulfate	164	25.0	"		167			1.81	20	

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

Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	04/25/06 08:08

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 ED61308 - 6010B/No Digestion										
Blank (ED61308-BLK1)				Prepared & Analyzed: 04/13/06						
Calcium	ND	0.0100	mg/L							
Magnesium	ND	0.00100	"							
Potassium	ND	0.0500	"							
Sodium	ND	0.0100	"							
Calibration Check (ED61308-CCV1)				Prepared & Analyzed: 04/13/06						
Calcium	2.00		mg/L	2.00		100	85-115			
Magnesium	2.17		"	2.00		108	85-115			
Potassium	1.80		"	2.00		90.0	85-115			
Sodium	2.08		"	2.00		104	85-115			
Duplicate (ED61308-DUP1)	**Source: 6D12002-01**			Prepared & Analyzed: 04/13/06						
Calcium	285	0.500	mg/L		286			0.350	20	
Magnesium	145	0.0500	"		153			5.37	20	
Potassium	11.6	0.500	"		13.4			14.4	20	
Sodium	707	2.00	"		734			3.75	20	

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

Rice Operating Co.	Project: BD Jct. F-17	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	04/25/06 08:08

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: 4/25/2006

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.

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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
Project Name: BD Jct F-17
Company Name: RICE Operating Company
Project #:
Company Address: 122 W. Taylor Street
Project Loc: Lea County
City/State/Zip: Hobbs, New Mexico 88240
PO #:
Telephone No: (505) 393-9174 Fax No: (505) 397-1471
Sampler Signature: Rozanne Johnson (505) 631-9310
Email: rozanne@valornet.com

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: 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	Analyze For: TCLP: Cations (Ca, Mg, Na, K)	Analyze For: TCLP: Anions (Cl, SO4, CO3, HCO3)	Analyze For: TCLP: SAR / ESP / CEC	Analyze For: TCLP: Metals: As Ag Ba Cd Cr Pb Hg Se	Analyze For: TCLP: Volatiles	Analyze For: TCLP: Semivolatiles	Analyze For: TOTAL: BTEX 8021B/5030	Analyze For: TOTAL: RCI	Analyze For: TOTAL: N.O.R.M.	Analyze For: TOTAL: Total Dissolved Solids	RUSH TAT (Pre-Schedule)	Standard TAT
01	Monitor Well #1	4/11/2006	11:05	3	X		2			1		X					X	X					X			X		X
02	Monitor Well #2	4/11/2006	9:30	3	X		2			1		X					X	X					X			X		X
03	Monitor Well #3	4/11/2006	8:20	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: 3.0
Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
Rozanne Johnson	4/12/06	12:00			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Carrie Reed	4/12/06	12:00

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

Client: Rice Op.

Date/Time: 4/12/06 12:00

Order #: 6D12002

Initials: CK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	3.0 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:

7/11/06

TRACEANALYSIS, INC.

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

Analytical and Quality Control Report

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

Report Date: July 21, 2006

Work Order: 6071303

Project Location: Lea County,New Mexico
Project Name: BD Juntion F-17
Project Number: BD Juntion F-17

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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
94973	Monitor Well #1	water	2006-07-11	09:00	2006-07-12
94974	Monitor Well #2	water	2006-07-11	10:20	2006-07-12
94975	Monitor Well #3	water	2006-07-11	11:55	2006-07-12

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

Michael Abel

Dr. Blair Leftwich, Director

Analytical Report

Sample: 94973 - Monitor Well #1

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	28009	Date Analyzed:	2006-07-14	Analyzed By:	LJ
Prep Batch:	24539	Sample Preparation:	2006-07-14	Prepared By:	LJ

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<1.00	mg/L as CaCo3	1	1.00
Carbonate Alkalinity		<1.00	mg/L as CaCo3	1	1.00
Bicarbonate Alkalinity		**236**	mg/L as CaCo3	1	4.00
Total Alkalinity		**236**	mg/L as CaCo3	1	4.00

Sample: 94973 - Monitor Well #1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	27996	Date Analyzed:	2006-07-13	Analyzed By:	KB
Prep Batch:	24529	Sample Preparation:	2006-07-13	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.101	mg/L	1	0.100	101	66.2 - 127.7
4-Bromofluorobenzene (4-BFB)		0.0882	mg/L	1	0.100	88	70.6 - 129.2

Sample: 94973 - Monitor Well #1

Analysis:	Cations	Analytical Method:	S 6010B	Prep Method:	S 3005A
QC Batch:	28124	Date Analyzed:	2006-07-18	Analyzed By:	TP
Prep Batch:	24582	Sample Preparation:	2006-07-17	Prepared By:	TS

Parameter	Flag	RL Result	Units	Dilution	RL
Dissolved Calcium		**326**	mg/L	10	0.500
Dissolved Potassium		**21.6**	mg/L	1	1.00
Dissolved Magnesium		**153**	mg/L	10	1.00
Dissolved Sodium		**655**	mg/L	10	1.00

Sample: 94973 - Monitor Well #1

Analysis:	Ion Chromatography	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	28175	Date Analyzed:	2006-07-19	Analyzed By:	WB
Prep Batch:	24650	Sample Preparation:	2007-07-19	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**1930**	mg/L	50	0.500
Sulfate		**126**	mg/L	5	0.500

Sample: 94973 - Monitor Well #1

Analysis:	TDS	Analytical Method:	SM 2540C	Prep Method:	N/A
QC Batch:	28155	Date Analyzed:	2006-07-19	Analyzed By:	WB
Prep Batch:	24648	Sample Preparation:	2006-07-18	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Total Dissolved Solids		**3440**	mg/L	5	10.00

Sample: 94974 - Monitor Well #2

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	28009	Date Analyzed:	2006-07-14	Analyzed By:	LJ
Prep Batch:	24539	Sample Preparation:	2006-07-14	Prepared By:	LJ

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<1.00	mg/L as CaCo3	1	1.00
Carbonate Alkalinity		<1.00	mg/L as CaCo3	1	1.00
Bicarbonate Alkalinity		**186**	mg/L as CaCo3	1	4.00
Total Alkalinity		**186**	mg/L as CaCo3	1	4.00

Sample: 94974 - Monitor Well #2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	27996	Date Analyzed:	2006-07-13	Analyzed By:	KB
Prep Batch:	24529	Sample Preparation:	2006-07-13	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.101	mg/L	1	0.100	101	66.2 - 127.7
4-Bromofluorobenzene (4-BFB)		0.0869	mg/L	1	0.100	87	70.6 - 129.2

Sample: 94974 - Monitor Well #2

Analysis:	Cations	Analytical Method:	S 6010B	Prep Method:	S 3005A
QC Batch:	28124	Date Analyzed:	2006-07-18	Analyzed By:	TP
Prep Batch:	24582	Sample Preparation:	2006-07-17	Prepared By:	TS

Parameter	Flag	Result	RL	Units	Dilution	RL
Dissolved Calcium		**71.3**		mg/L	1	0.500
Dissolved Potassium		**5.18**		mg/L	1	1.00
Dissolved Magnesium		**22.1**		mg/L	1	1.00
Dissolved Sodium		**59.6**		mg/L	1	1.00

Sample: 94974 - Monitor Well #2

Analysis:	Ion Chromatography	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	28174	Date Analyzed:	2006-07-19	Analyzed By:	WB
Prep Batch:	24649	Sample Preparation:	2007-07-19	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**60.5**		mg/L	5	0.500
Sulfate		**73.3**		mg/L	5	0.500

Sample: 94974 - Monitor Well #2

Analysis:	TDS	Analytical Method:	SM 2540C	Prep Method:	N/A
QC Batch:	28155	Date Analyzed:	2006-07-19	Analyzed By:	WB
Prep Batch:	24648	Sample Preparation:	2006-07-18	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Dissolved Solids		**456.0**		mg/L	1	10.00

Sample: 94975 - Monitor Well #3

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	28009	Date Analyzed:	2006-07-14	Analyzed By:	LJ
Prep Batch:	24539	Sample Preparation:	2006-07-14	Prepared By:	LJ

Parameter	Flag	Result	RL	Units	Dilution	RL
Hydroxide Alkalinity		<1.00		mg/L as CaCo3	1	1.00
Carbonate Alkalinity		<1.00		mg/L as CaCo3	1	1.00
Bicarbonate Alkalinity		**194**		mg/L as CaCo3	1	4.00
Total Alkalinity		**194**		mg/L as CaCo3	1	4.00

Sample: 94975 - Monitor Well #3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	27996	Date Analyzed:	2006-07-13	Analyzed By:	KB
Prep Batch:	24529	Sample Preparation:	2006-07-13	Prepared By:	KB

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		<0.00100		mg/L	1	0.00100
Toluene		<0.00100		mg/L	1	0.00100
Ethylbenzene		<0.00100		mg/L	1	0.00100
Xylene		<0.00100		mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.101	mg/L	1	0.100	101	66.2 - 127.7
4-Bromofluorobenzene (4-BFB)		0.0878	mg/L	1	0.100	88	70.6 - 129.2

Sample: 94975 - Monitor Well #3

Analysis:	Cations	Analytical Method:	S 6010B	Prep Method:	S 3005A
QC Batch:	28124	Date Analyzed:	2006-07-18	Analyzed By:	TP
Prep Batch:	24582	Sample Preparation:	2006-07-17	Prepared By:	TS

Parameter	Flag	Result	RL	Units	Dilution	RL
Dissolved Calcium		**447**		mg/L	10	0.500
Dissolved Potassium		**20.9**		mg/L	1	1.00
Dissolved Magnesium		**196**		mg/L	10	1.00
Dissolved Sodium		**297**		mg/L	10	1.00

Sample: 94975 - Monitor Well #3

Analysis:	Ion Chromatography	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	28175	Date Analyzed:	2006-07-19	Analyzed By:	WB
Prep Batch:	24650	Sample Preparation:	2007-07-19	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**1680**		mg/L	50	0.500
Sulfate		**125**		mg/L	5	0.500

Sample: 94975 - Monitor Well #3

Analysis:	TDS	Analytical Method:	SM 2540C	Prep Method:	N/A
QC Batch:	28155	Date Analyzed:	2006-07-19	Analyzed By:	WB
Prep Batch:	24648	Sample Preparation:	2006-07-18	Prepared By:	WB

continued ...

sample 94975 continued...

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
Total Dissolved Solids		**3300**	mg/L	5	10.00

Method Blank (1) QC Batch: 27996

QC Batch: 27996 | Date Analyzed: 2006-07-13 | Analyzed By: KB
Prep Batch: 24529 | QC Preparation: 2006-07-13 | Prepared By: KB

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000255	mg/L	0.001
Toluene		<0.000210	mg/L	0.001
Ethylbenzene		<0.000317	mg/L	0.001
Xylene		<0.000603	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.101	mg/L	1	0.100	101	76.1 - 117
4-Bromofluorobenzene (4-BFB)		0.0888	mg/L	1	0.100	89	58.5 - 118

Method Blank (1) QC Batch: 28009

QC Batch: 28009 | Date Analyzed: 2006-07-14 | Analyzed By: LJ
Prep Batch: 24539 | QC Preparation: 2006-07-14 | Prepared By: LJ

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

Method Blank (1) QC Batch: 28124

QC Batch: 28124 | Date Analyzed: 2006-07-18 | Analyzed By: TP
Prep Batch: 24582 | QC Preparation: 2006-07-17 | Prepared By: TS

Parameter	Flag	MDL Result	Units	RL
Dissolved Calcium		<0.0950	mg/L	0.5
Dissolved Potassium		0.612	mg/L	1
Dissolved Magnesium		<0.704	mg/L	1
Dissolved Sodium		0.709	mg/L	1

Method Blank (1) QC Batch: 28155

QC Batch: 28155 Date Analyzed: 2006-07-19 Analyzed By: WB
Prep Batch: 24648 QC Preparation: 2006-07-18 Prepared By: WB

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

Method Blank (1) QC Batch: 28174

QC Batch: 28174 Date Analyzed: 2006-07-19 Analyzed By: WB
Prep Batch: 24649 QC Preparation: 2006-07-19 Prepared By: WB

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

Method Blank (1) QC Batch: 28175

QC Batch: 28175 Date Analyzed: 2006-07-19 Analyzed By: WB
Prep Batch: 24650 QC Preparation: 2006-07-19 Prepared By: WB

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

Duplicates (1)

QC Batch: 28009 Date Analyzed: 2006-07-14 Analyzed By: LJ
Prep Batch: 24539 QC Preparation: 2006-07-14 Prepared By: LJ

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Hydroxide Alkalinity	<1.00	<1.00	mg/L as CaCo3	1	0	20
Carbonate Alkalinity	<1.00	<1.00	mg/L as CaCo3	1	0	20
Bicarbonate Alkalinity	252	256	mg/L as CaCo3	1	2	12.6
Total Alkalinity	252	256	mg/L as CaCo3	1	2	11.5

Duplicates (1)

QC Batch: 28155 Date Analyzed: 2006-07-19 Analyzed By: WB
Prep Batch: 24648 QC Preparation: 2006-07-18 Prepared By: WB

continued...

duplicate continued . . .

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Total Dissolved Solids	554.0	552.0	mg/L	2	0	17.2

Laboratory Control Spike (LCS-1)

QC Batch: 27996 | Date Analyzed: 2006-07-13 | Analyzed By: KB
Prep Batch: 24529 | QC Preparation: 2006-07-13 | Prepared By: KB

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.106	0.104	mg/L	1	0.100	<0.000255	106	2	80.8 - 112	20
Toluene	0.105	0.103	mg/L	1	0.100	<0.000210	105	2	78 - 114	20
Ethylbenzene	0.106	0.104	mg/L	1	0.100	<0.000317	106	2	78.6 - 116	20
Xylene	0.319	0.315	mg/L	1	0.300	<0.000603	106	1	83.2 - 112	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.104	0.102	mg/L	1	0.100	104	102	79.9 - 117
4-Bromofluorobenzene (4-BFB)	0.0981	0.0979	mg/L	1	0.100	98	98	79 - 123

Laboratory Control Spike (LCS-1)

QC Batch: 28124 | Date Analyzed: 2006-07-18 | Analyzed By: TP
Prep Batch: 24582 | QC Preparation: 2006-07-17 | Prepared By: TS

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Dissolved Calcium	50.0	49.6	mg/L	1	50.0	<0.0950	100	1	85 - 115	20
Dissolved Potassium	50.3	50.3	mg/L	1	50.0	<0.377	101	0	85 - 113	20
Dissolved Magnesium	50.6	49.4	mg/L	1	50.0	<0.704	101	2	85 - 113	20
Dissolved Sodium	49.2	49.5	mg/L	1	50.0	<0.261	98	1	85 - 111	20

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

Laboratory Control Spike (LCS-1)

QC Batch: 28174 | Date Analyzed: 2006-07-19 | Analyzed By: WB
Prep Batch: 24649 | QC Preparation: 2006-07-19 | Prepared By: WB

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	12.0	11.9	mg/L	1	12.5	<0.0181	96	1	90 - 110	20
Sulfate	12.3	12.4	mg/L	1	12.5	<0.0485	98	1	90 - 110	20

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

Laboratory Control Spike (LCS-1)

QC Batch: 28175 | Date Analyzed: 2006-07-19 | Analyzed By: WB
Prep Batch: 24650 | QC Preparation: 2006-07-19 | Prepared By: WB

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	11.9	11.9	mg/L	1	12.5	<0.0181	96	0	90 - 110	20
Sulfate	12.3	12.5	mg/L	1	12.5	<0.0485	98	2	90 - 110	20

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

Matrix Spike (MS-1) Spiked Sample: 94963

QC Batch: 27996 | Date Analyzed: 2006-07-13 | Analyzed By: KB
Prep Batch: 24529 | QC Preparation: 2006-07-13 | Prepared By: KB

Param		MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	[1]	0.114	NA	mg/L	1	0.100	<0.000255	114	200	70.9 - 126	20
Toluene	[2]	0.113	NA	mg/L	1	0.100	<0.000210	113	200	70.8 - 125	20
Ethylbenzene	[3]	0.114	NA	mg/L	1	0.100	<0.000317	114	200	74.8 - 125	20
Xylene	[4]	0.342	NA	mg/L	1	0.300	<0.000603	114	200	75.7 - 126	20

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

Surrogate		MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	[5]	0.102	NA	mg/L	1	0.1	102	0	73.6 - 121
4-Bromofluorobenzene (4-BFB)	[6]	0.0970	NA	mg/L	1	0.1	97	0	81.8 - 114

Matrix Spike (MS-1) Spiked Sample: 94963

QC Batch: 28124 | Date Analyzed: 2006-07-18 | Analyzed By: TP
Prep Batch: 24582 | QC Preparation: 2006-07-17 | Prepared By: TS

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Dissolved Calcium	223	231	mg/L	1	50.0	175	96	4	68.4 - 138	20
Dissolved Potassium	63.7	64.8	mg/L	1	50.0	13.4	101	2	82 - 129	20
Dissolved Magnesium	121	119	mg/L	1	50.0	69.4	103	2	61.2 - 135	20
Dissolved Sodium	377	386	mg/L	1	50.0	330	94	2	81.8 - 125	20

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

[1] RPD is out of range because a matrix spike duplicate was not prepared.
[2] RPD is out of range because a matrix spike duplicate was not prepared.
[3] RPD is out of range because a matrix spike duplicate was not prepared.
[4] RPD is out of range because a matrix spike duplicate was not prepared.
[5] RPD is out of range because a matrix spike duplicate was not prepared.
[6] RPD is out of range because a matrix spike duplicate was not prepared.

Matrix Spike (MS-1) Spiked Sample: 94963

QC Batch: 28174 | Date Analyzed: 2006-07-19 | Analyzed By: WB
Prep Batch: 24649 | QC Preparation: 2006-07-19 | Prepared By: WB

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	1610	1600	mg/L	100	12.5	430	94	1	25.4 - 171	20
Sulfate	1840	1840	mg/L	100	12.5	604	99	0	0 - 677	20

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

Matrix Spike (MS-1) Spiked Sample: 94977

QC Batch: 28175 | Date Analyzed: 2006-07-19 | Analyzed By: WB
Prep Batch: 24650 | QC Preparation: 2006-07-19 | Prepared By: WB

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	218	219	mg/L	10	12.5	85.9	106	0	25.4 - 171	20
Sulfate	232	233	mg/L	10	12.5	107	100	0	0 - 677	20

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

Standard (ICV-1)

QC Batch: 27996 | Date Analyzed: 2006-07-13 | Analyzed By: KB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.106	106	85 - 115	2006-07-13
Toluene		mg/L	0.100	0.106	106	85 - 115	2006-07-13
Ethylbenzene		mg/L	0.100	0.107	107	85 - 115	2006-07-13
Xylene		mg/L	0.300	0.318	106	85 - 115	2006-07-13

Standard (CCV-1)

QC Batch: 27996 | Date Analyzed: 2006-07-13 | Analyzed By: KB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.106	106	85 - 115	2006-07-13
Toluene		mg/L	0.100	0.105	105	85 - 115	2006-07-13
Ethylbenzene		mg/L	0.100	0.108	108	85 - 115	2006-07-13
Xylene		mg/L	0.300	0.320	107	85 - 115	2006-07-13

Standard (ICV-1)

QC Batch: 28009 | Date Analyzed: 2006-07-14 | Analyzed By: LJ

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Alkalinity		mg/L as CaCo3	250	260	104	90 - 110	2006-07-14

Standard (CCV-1)

QC Batch: 28009 Date Analyzed: 2006-07-14 Analyzed By: LJ

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Alkalinity		mg/L as CaCo3	250	256	102	90 - 110	2006-07-14

Standard (ICV-1)

QC Batch: 28124 Date Analyzed: 2006-07-18 Analyzed By: TP

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Dissolved Calcium		mg/L	50.0	49.2	98	90 - 110	2006-07-18
Dissolved Potassium		mg/L	50.0	51.9	104	90 - 110	2006-07-18
Dissolved Magnesium		mg/L	50.0	48.8	98	90 - 110	2006-07-18
Dissolved Sodium		mg/L	50.0	51.8	104	90 - 110	2006-07-18

Standard (CCV-1)

QC Batch: 28124 Date Analyzed: 2006-07-18 Analyzed By: TP

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Dissolved Calcium		mg/L	50.0	51.4	103	90 - 110	2006-07-18
Dissolved Potassium		mg/L	50.0	52.1	104	90 - 110	2006-07-18
Dissolved Magnesium		mg/L	50.0	51.5	103	90 - 110	2006-07-18
Dissolved Sodium		mg/L	50.0	51.9	104	90 - 110	2006-07-18

Standard (ICV-1)

QC Batch: 28155 Date Analyzed: 2006-07-19 Analyzed By: WB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Dissolved Solids		mg/L	1000	1036	104	90 - 110	2006-07-19

Standard (CCV-1)

QC Batch: 28155 Date Analyzed: 2006-07-19 Analyzed By: WB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Dissolved Solids		mg/L	1000	1040	104	90 - 110	2006-07-19

Standard (ICV-1)

QC Batch: 28174 Date Analyzed: 2006-07-19 Analyzed By: WB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	12.0	96	90 - 110	2006-07-19
Sulfate		mg/L	12.5	12.6	101	90 - 110	2006-07-19

Standard (CCV-1)

QC Batch: 28174 Date Analyzed: 2006-07-19 Analyzed By: WB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	12.0	96	90 - 110	2006-07-19
Sulfate		mg/L	12.5	12.4	99	90 - 110	2006-07-19

Standard (ICV-1)

QC Batch: 28175 Date Analyzed: 2006-07-19 Analyzed By: WB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	12.0	96	90 - 110	2006-07-19
Sulfate		mg/L	12.5	12.4	99	90 - 110	2006-07-19

Standard (CCV-1)

QC Batch: 28175 Date Analyzed: 2006-07-19 Analyzed By: WB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	12.0	96	90 - 110	2006-07-19
Sulfate		mg/L	12.5	12.4	99	90 - 110	2006-07-19

6701 Aberdeen Ave, Ste 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296

TraceAnalysis, Inc.

155 McCutcheon Way, Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 6071303

Company Name:	Phone #:
RICE Operating Company	(505)393-9174
Address: (Street, City, Zip)	Fax #:
122 W Taylor Street - Hobbs, New Mexico 88240	(505) 397-1471
Contact Person:	
Kristin Farris - Pope, Project Scientist	kpope@riceswd.com
Invoice to:	
(If different from above)	
Project #:	Project Name:
None Given	BD Junction F-17
Project Location:	Sampler Signature: Rozanne Johnson (505)631-9310
Lea County - New Mexico	rozanne@valornet.com

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX					PRESERVATIVE METHOD						SAMPLING	
				WATER	SOIL	AIR	SLUDGE		HCL	HNO_3	$NaHSO_4$	H_2SO_4	ICE	NONE	DATE 2006	TIME
94973	Monitor Well #1	2	40 ml	X					X				X		7-11	9:00
	Monitor Well #1	1	1L	X									X		7-11	9:00
74	Monitor Well #2	2	40 ml	X					X				X		7-11	10:20
	Monitor Well #2	1	1L	X									X		7-11	10:20
75	Monitor Well #3	2	40 ml	X					X				X		7-11	11:55
	Monitor Well #3	1	1L	X									X		7-11	11:55

ANALYSIS REQUEST
(Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005/TX1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Moisture Content	Cations (Ca, Mg, Na, K)	Anions (Cl, SSSSO4, CO3, HCO3)	Total Dissolved Solids		Turn Around Time if different from standard	Hold
	X																				
																X	X	X			
	X																				
																X	X	X			
	X																				
																X	X	X			

Relinquished by: Rozanne Johnson	Date: 7-12-06	Time: 2:15pm	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received at Laboratory by: Jerry Adams

Date: 7-12-06 Time: 2:15PM

LAB USE ONLY

Intact Y / N
Headspace Y / N
Temp 4 °
Log-in Review AES

REMARKS:

☐ check if special reporting limits needed

Carrier # Carry In

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

Report Date: July 21, 2006
BD Junction F-17

Work Order: 6071303
BD Junction F-17

Page Number: 13 of 13
Lea County, New Mexico

10/5/06

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: BD Jct. F-17

Project Number: None Given

Location: T21S-R37E-Sec.17F, Lea County, NM

Lab Order Number: 6J10002

Report Date: 10/18/06

Rice Operating Co.	Project: BD Jct. F-17	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	6J10002-01	Water	10/05/06 09:55	10-09-2006 17:20
Monitor Well #2	6J10002-02	Water	10/05/06 08:50	10-09-2006 17:20
Monitor Well #3	6J10002-03	Water	10/05/06 10:50	10-09-2006 17:20

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Rice Operating Co.	Project: BD Jct. F-17	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 #1 (6J10002-01) Water									
Benzene	ND	0.00100	mg/L	1	EJ61407	10/14/06	10/15/06	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		*84.8 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.2 %*	*80-120*		"	"	"	"	
Monitor Well #2 (6J10002-02) Water									
Benzene	ND	0.00100	mg/L	1	EJ61407	10/14/06	10/15/06	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		*84.0 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*82.2 %*	*80-120*		"	"	"	"	
Monitor Well #3 (6J10002-03) Water									
Benzene	ND	0.00100	mg/L	1	EJ61407	10/14/06	10/16/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*81.0 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*85.0 %*	*80-120*		"	"	"	"	

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Rice Operating Co.	Project: BD Jct. F-17	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 (6J10002-01) Water									
Total Alkalinity	**210**	2.00	mg/L	1	EJ61011	10/10/06	10/10/06	EPA 310.1M	
Chloride	**1020**	12.5	"	25	EJ61103	10/10/06	10/10/06	EPA 300.0	
Total Dissolved Solids	**2170**	10.0	"	1	EJ61016	10/10/06	10/11/06	EPA 160.1	
Sulfate	**98.1**	12.5	"	25	EJ61103	10/10/06	10/10/06	EPA 300.0	
Monitor Well #2 (6J10002-02) Water									
Total Alkalinity	**194**	2.00	mg/L	1	EJ61011	10/10/06	10/10/06	EPA 310.1M	
Chloride	**47.6**	5.00	"	10	EJ61103	10/10/06	10/10/06	EPA 300.0	
Total Dissolved Solids	**442**	10.0	"	1	EJ61016	10/10/06	10/11/06	EPA 160.1	
Sulfate	**59.2**	5.00	"	10	EJ61103	10/10/06	10/10/06	EPA 300.0	
Monitor Well #3 (6J10002-03) Water									
Total Alkalinity	**232**	2.00	mg/L	1	EJ61011	10/10/06	10/10/06	EPA 310.1M	
Chloride	**1600**	25.0	"	50	EJ61103	10/10/06	10/10/06	EPA 300.0	
Total Dissolved Solids	**3900**	10.0	"	1	EJ61016	10/10/06	10/11/06	EPA 160.1	
Sulfate	**134**	25.0	"	50	EJ61103	10/10/06	10/10/06	EPA 300.0	

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Rice Operating Co.	Project: BD Jct. F-17	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 (6J10002-01) Water									
Calcium	**207**	4.05	mg/L	50	EJ61107	10/11/06	10/11/06	EPA 6010B	
Magnesium	**106**	1.80	"	"	"	"	"	"	
Potassium	**9.06**	0.600	"	10	"	"	"	"	
Sodium	**425**	2.15	"	50	"	"	"	"	
Monitor Well #2 (6J10002-02) Water									
Calcium	**38.2**	0.810	mg/L	10	EJ61107	10/11/06	10/11/06	EPA 6010B	
Magnesium	**18.3**	0.360	"	"	"	"	"	"	
Potassium	**3.53**	0.600	"	"	"	"	"	"	
Sodium	**56.5**	0.430	"	"	"	"	"	"	
Monitor Well #3 (6J10002-03) Water									
Calcium	**434**	20.2	mg/L	250	EJ61107	10/11/06	10/11/06	EPA 6010B	
Magnesium	**251**	1.80	"	50	"	"	"	"	
Potassium	**15.6**	0.600	"	10	"	"	"	"	
Sodium	**328**	10.8	"	250	"	"	"	"	

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

Project: BD Jct. F-17
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ61407 - EPA 5030C (GC)										
Blank (EJ61407-BLK1)				Prepared: 10/14/06 Analyzed: 10/15/06						
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	*33.5*		*ug/l*	*40.0*		*83.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*35.0*		*"*	*40.0*		*87.5*	*80-120*			
LCS (EJ61407-BS1)				Prepared: 10/14/06 Analyzed: 10/15/06						
Benzene	0.0451	0.00100	mg/L	0.0500		90.2	80-120			
Toluene	0.0430	0.00100	"	0.0500		86.0	80-120			
Ethylbenzene	0.0513	0.00100	"	0.0500		103	80-120			
Xylene (p/m)	0.0929	0.00100	"	0.100		92.9	80-120			
Xylene (o)	0.0423	0.00100	"	0.0500		84.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	*34.4*		*ug/l*	*40.0*		*86.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*43.8*		*"*	*40.0*		*110*	*80-120*			
Calibration Check (EJ61407-CCV1)				Prepared: 10/14/06 Analyzed: 10/17/06						
Benzene	49.9		ug/l	50.0		99.8	80-120			
Toluene	43.1		"	50.0		86.2	80-120			
Ethylbenzene	42.0		"	50.0		84.0	80-120			
Xylene (p/m)	83.7		"	100		83.7	80-120			
Xylene (o)	41.2		"	50.0		82.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	*36.1*		*"*	*40.0*		*90.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*34.3*		*"*	*40.0*		*85.8*	*80-120*			
Matrix Spike (EJ61407-MS1)	**Source: 6J12015-01**			Prepared: 10/14/06 Analyzed: 10/17/06						
Benzene	0.0501	0.00100	mg/L	0.0500	ND	100	80-120			
Toluene	0.0440	0.00100	"	0.0500	ND	88.0	80-120			
Ethylbenzene	0.0416	0.00100	"	0.0500	ND	83.2	80-120			
Xylene (p/m)	0.0914	0.00100	"	0.100	ND	91.4	80-120			
Xylene (o)	0.0427	0.00100	"	0.0500	ND	85.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	*35.5*		*ug/l*	*40.0*		*88.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*40.2*		*"*	*40.0*		*100*	*80-120*			

Rice Operating Co.	Project: BD Jct. F-17	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 EJ61407 - EPA 5030C (GC)										
Matrix Spike Dup (EJ61407-MSD1)	**Source: 6J12015-01**			Prepared: 10/14/06 Analyzed: 10/17/06						
Benzene	0.0502	0.00100	mg/L	0.0500	ND	100	80-120	0.00	20	
Toluene	0.0442	0.00100	"	0.0500	ND	88.4	80-120	0.454	20	
Ethylbenzene	0.0412	0.00100	"	0.0500	ND	82.4	80-120	0.966	20	
Xylene (p/m)	0.0913	0.00100	"	0.100	ND	91.3	80-120	0.109	20	
Xylene (o)	0.0437	0.00100	"	0.0500	ND	87.4	80-120	2.31	20	
Surrogate: a,a,a-Trifluorotoluene	*35.4*		*ug/l*	*40.0*		*88.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*41.0*		*"*	*40.0*		*102*	*80-120*			

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Rice Operating Co.	Project: BD Jct. F-17	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 - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ61011 - General Preparation (WetChem)										
Blank (EJ61011-BLK1)				Prepared & Analyzed: 10/10/06						
Total Alkalinity	ND	2.00	mg/L							
LCS (EJ61011-BS1)				Prepared & Analyzed: 10/10/06						
Total Alkalinity	190	2.00	mg/L	200		95.0	85-115			
Duplicate (EJ61011-DUP1)	**Source: 6J09002-01**			Prepared & Analyzed: 10/10/06						
Total Alkalinity	248	2.00	mg/L		244			1.63	20	
Reference (EJ61011-SRM1)				Prepared & Analyzed: 10/10/06						
Total Alkalinity	250		mg/L	250		100	90-110			
Batch EJ61016 - Filtration Preparation										
Blank (EJ61016-BLK1)				Prepared: 10/10/06 Analyzed: 10/11/06						
Total Dissolved Solids	ND	10.0	mg/L							
Duplicate (EJ61016-DUP1)	**Source: 6J09002-01**			Prepared: 10/10/06 Analyzed: 10/11/06						
Total Dissolved Solids	1570	10.0	mg/L		1590			1.27	5	
Duplicate (EJ61016-DUP2)	***Source: 6J10002-03***			Prepared: 10/10/06 Analyzed: 10/11/06						
Total Dissolved Solids	3910	10.0	mg/L		3900			0.256	5	
Batch EJ61103 - General Preparation (WetChem)										
Blank (EJ61103-BLK1)				Prepared & Analyzed: 10/10/06						
Sulfate	ND	0.500	mg/L							
Chloride	ND	0.500	"							

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

Rice Operating Co.	Project: BD Jct. F-17	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 - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ61103 - General Preparation (WetChem)										
LCS (EJ61103-BS1)				Prepared & Analyzed: 10/10/06						
Chloride	10.8	0.500	mg/L	10.0		108	80-120			
Sulfate	10.3	0.500	"	10.0		103	80-120			
Calibration Check (EJ61103-CCV1)				Prepared & Analyzed: 10/10/06						
Chloride	10.5		mg/L	10.0		105	80-120			
Sulfate	10.2		"	10.0		102	80-120			
Duplicate (EJ61103-DUP1)		Source: 6J10001-01		Prepared & Analyzed: 10/10/06						
Sulfate	324	12.5	mg/L		315			2.82	20	
Chloride	506	12.5	"		494			2.40	20	
Duplicate (EJ61103-DUP2)		Source: 6J10003-02		Prepared & Analyzed: 10/10/06						
Sulfate	88.3	5.00	mg/L		87.2			1.25	20	
Chloride	69.2	5.00	"		70.1			1.29	20	
Matrix Spike (EJ61103-MS1)		Source: 6J10001-01		Prepared & Analyzed: 10/10/06						
Chloride	773	12.5	mg/L	250	494	112	80-120			
Sulfate	541	12.5	"	250	315	90.4	80-120			
Matrix Spike (EJ61103-MS2)		Source: 6J10003-02		Prepared & Analyzed: 10/10/06						
Chloride	185	5.00	mg/L	100	70.1	115	80-120			
Sulfate	182	5.00	"	100	87.2	94.8	80-120			

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

Rice Operating Co.	Project: BD Jct. F-17	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 EJ61107 - 6010B/No Digestion										
Blank (EJ61107-BLK1)				Prepared & Analyzed: 10/11/06						
Calcium	ND	0.0810	mg/L							
Magnesium	ND	0.0360	"							
Potassium	ND	0.0600	"							
Sodium	ND	0.0430	"							
Calibration Check (EJ61107-CCV1)				Prepared & Analyzed: 10/11/06						
Calcium	2.01		mg/L	2.00		100	85-115			
Magnesium	2.17		"	2.00		108	85-115			
Potassium	1.78		"	2.00		89.0	85-115			
Sodium	1.77		"	2.00		88.5	85-115			
Duplicate (EJ61107-DUP1)	**Source: 6J09002-01**			Prepared & Analyzed: 10/11/06						
Calcium	214	4.05	mg/L		213			0.468	20	
Magnesium	82.1	1.80	"		84.4			2.76	20	
Potassium	10.8	0.600	"		10.4			3.77	20	
Sodium	90.4	2.15	"		90.0			0.443	20	

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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: Celey D. Keene Date: 10/18/2006

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

Jeanne Mc Murrey, Inorg. Tech Director
La Tasha 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 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: BD Junction F-17
Project Number:
Project Loc: T21S-R37E-Sec17F, Lea County NM
PO Number:

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:	RUSH TAT (Pre-Schedule)	Standard TAT
01	Monitor Well #1	10/5/2006	9:55	3	X		2			1		X					X		X
02	Monitor Well #2	10/5/2006	8:50	3	X		2			1		X					X		X
03	Monitor Well #3	10/5/2006	10:50	3	X		2			1		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: 3.5 C

Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
Rozanne Johnson	10-9-06	12:46	James J Mann	10/9/06	12:46
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
James J Mann	10-9-06	17:20	Xana Morrison	10-10-06	1720

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Rice Op.

Date/ Time: 10/9/06 17:20

Lab ID # : 610002

Initials: UK

Sample Receipt Checklist

					Client Initials
#1	Temperature of container/ cooler?	Yes	No	3.5 °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	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