

1R - 426-35

REPORTS

DATE:

3/10/2004

RICE Operating Company

122 West Taylor • Hobbs, New Mexico 88240
Phone: (505)393-9174 • Fax: (505) 397-1471

RECEIVED

MAR 12 2004

CERTIFIED MAIL

RETURN RECEIPT NO. 7002 2410 0000 4940 1251

Oil Conservation Division
1220 S. Saint Francis Drive
Santa Fe, NM 87505

March 10, 2004

1R0 926-35

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

RE: 2003 MONITOR WELL REPORT/SAMPLING SUMMARY
BD SWD SYSTEM
LEA COUNTY, NEW MEXICO

Mr. Olson:

Rice Operating Company (ROC) takes this opportunity to submit the 2003 Monitor Well Report for the Blinebry-Drinkard (BD) Salt Water Disposal System. Listed below are 2 sites in this system that have monitor wells that are sampled quarterly pursuant to NMOCD guidelines. Groundwater impact became apparent at these sites during the remediation process of the Junction Box Upgrade Plan.

Site Name	Unit Letter	Section	Township/Range
F-17 jct.	F	17	T21S/R37E
I-27	I	27	T22S/R37E

In 2003, ROC conducted the sampling of these wells and will continue in 2004. As in 2003, either Environmental Lab of Texas of Odessa, Texas, or Cardinal Laboratories of Hobbs will conduct analytical tests of the water samples of 2004.

ROC will continue to address the groundwater concerns at these sites in 2004 as they are prioritized. A consultant/groundwater specialist will be contracted by ROC to generate work plans for remediation of the vadose zone at groundwater-impacted sites and to address the groundwater concerns. NMOCD can anticipate more work plan submissions for such sites in 2004. After NMOCD approval, AFE's will be submitted to System Partners for approval. Sites with confirmed groundwater impact will also be evaluated for the extent of groundwater impact. Past BD sites with high priority that are currently a major project and addressed under an

NMOCD-approved work plan like jct. J-26 and O-12 (Zachary Hinton), are not on this list and are reported separately.

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

Thank you for your consideration concerning this annual summary of groundwater monitoring information. If you have any questions, do not hesitate to contact me.

RICE OPERATING COMAPANY

Kristin Farris

Kristin Farris
Project Scientist

Enclosures: Summary table & graph for each site
 Analytical results

cc: LBG, CDH, file, Chris Williams
 NMOCD, District I Office
 1625 N. French Drive
 Hobbs, NM 88240

BD Jct. I-27

I, 27, 21S, 37E

Rice Operating Co. Monitor Well Data Sheet

All parameter concentrations are in mg/L.

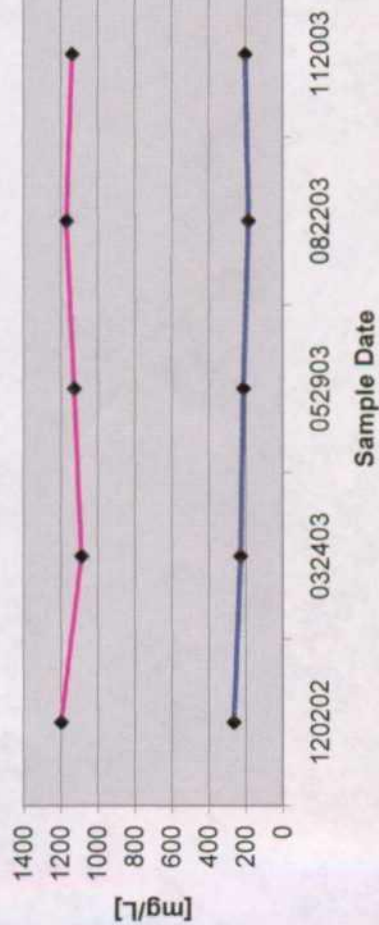
MW #	WATER LEVEL (ft)	TOTAL DEPTH (ft)	WELL VOLUME	VOLUME BAILED	SAMPLE DATE	TIME	CL-	TDS	BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLENES
1	48.39	51.10	0.434	1.45	120202	1210	266	1200	<0.001	<0.001	<0.001	<0.001
1	46.92	51.01	0.659	1.90	032403	1200	230	1090	0.002	<0.001	<0.001	<0.001
1	48.01	51.10	0.488	1.40	052903	1500	213	1130	<0.001	<0.001	<0.001	<0.001
1	49.10	51.01	0.300	1.00	082203	1100	186	1170	<0.001	<0.001	<0.001	<0.001
1	49.85	51.44	0.254	0.70	112003	1230	204	1140	<0.001	<0.001	<0.001	<0.001

silty, baller

* Depth to water is measured from the top of the casing
Casing is 2.875 ft

BD Jct. I-27 Monitor Well

— Chlorides — Total Dissolved Solids (TDS)



ANALYTICAL REPORT

Prepared for:

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

Project: BD I-27

PO#:

Order#: G0306060

Report Date: 03/27/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Rice Operating
122 W. Taylor
Hobbs, NM 88240
505-397-1471

Order#: G0306060
Project:
Project Name: BD I-27
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306060-01	MW 1	WATER	3/24/03 12:00	3/24/03 19:30	See COC	See COC
<u>Lab Testing:</u>		Rejected: No	Temp:	1.5 C		
8021B/5030 BTEX						
Anions						
Cations						
Total Dissolved Solids (TDS)						

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306060
Project:
Project Name: BD I-27
Location: None Given

Lab ID: 0306060-01
Sample ID: MW 1

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
Blank	Prepared	Analyzed	Amount	Factor		
0005057-02		3/27/03 11:10	1	1	CK	8021B

Parameter	Result mg/L	RL
Benzene	0.002	0.001
Toluene	<0.001	0.001
Ethylbenzene	<0.001	0.001
p/m-Xylene	<0.001	0.001
o-Xylene	<0.001	0.001

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	105%	80	120
Bromofluorobenzene	81%	80	120

Approval: *Raland K. Tuttle* 3-28-03
Raland K. Tuttle, Lab Director, QA Officer Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306060
Project:
Project Name: BD I-27
Location: None Given

Lab ID: 0306060-01
Sample ID: MW 1

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Calcium	111	mg/L	10	0.10	6010B	03/25/2003	3/25/03	SM
Magnesium	61.3	mg/L	10	0.010	6010B	03/25/2003	3/25/03	SM
Potassium	5.49	mg/L	10	0.50	6010B	03/25/2003	3/25/03	SM
Sodium	189	mg/L	10	0.10	6010B	03/25/2003	3/25/03	SM

Approval:

Raland K. Tuttle 3-25-03

Raland K. Tuttle, Lab Director, QA Officer

Date

Celey D. Keene, Org. Tech. Director

Jeanne McMurrey, Inorg. Tech. Director

Sandra Biezugbe, Lab Tech.

Sara Molina, Lab Tech.

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306060
Project:
Project Name: BD I-27
Location: None Given

Lab ID: 0306060-01
Sample ID: MW 1

Anions

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution</u> <u>Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date</u> <u>Analyzed</u>	<u>Analyst</u>
Bicarbonate Alkalinity	360	mg/L	1	2.00	310.1	3/25/03	CK
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	3/25/03	CK
Chloride	230	mg/L	1	5.00	9253	3/25/03	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	3/25/03	CK
SULFATE, 375.4	260	mg/L	5	2.5	375.4	3/26/03	CK

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution</u> <u>Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date</u> <u>Analyzed</u>	<u>Analyst</u>
Total Dissolved Solids (TDS)	1090	mg/L	1	5.0	160.1	3/26/03	TAL

Approval:

Raland K. Tuttle 3-28-03

Raland K. Tuttle, Lab Director, QA Officer

Date

Celey D. Keene, Org. Tech. Director

Jeanne McMurrey, Inorg. Tech. Director

Sandra Biezugbe, Lab Tech.

Sara Molina, Lab Tech.

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0306060

BLANK							
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/L		0005057-02			<0.001		
Toluene-mg/L		0005057-02			<0.001		
Ethylbenzene-mg/L		0005057-02			<0.001		
p/m-Xylene-mg/L		0005057-02			<0.001		
o-Xylene-mg/L		0005057-02			<0.001		
CONTROL							
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/L		0005057-03		0.1	0.085	85.%	
Toluene-mg/L		0005057-03		0.1	0.089	89.%	
Ethylbenzene-mg/L		0005057-03		0.1	0.090	90.%	
p/m-Xylene-mg/L		0005057-03		0.2	0.185	92.5%	
o-Xylene-mg/L		0005057-03		0.1	0.088	88.%	
CONTROL DUP							
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/L		0005057-04		0.1	0.090	90.%	5.7%
Toluene-mg/L		0005057-04		0.1	0.093	93.%	4.4%
Ethylbenzene-mg/L		0005057-04		0.1	0.097	97.%	7.5%
p/m-Xylene-mg/L		0005057-04		0.2	0.203	101.5%	9.3%
o-Xylene-mg/L		0005057-04		0.1	0.099	99.%	11.8%
SRM							
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/L		0005057-05		0.1	0.103	103.%	
Toluene-mg/L		0005057-05		0.1	0.104	104.%	
Ethylbenzene-mg/L		0005057-05		0.1	0.105	105.%	
p/m-Xylene-mg/L		0005057-05		0.2	0.219	109.5%	
o-Xylene-mg/L		0005057-05		0.1	0.107	107.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Anions

Order#: G0306060

BLANK	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Bicarbonate Alkalinity-mg/L		0005043-01			<2.00		
Carbonate Alkalinity-mg/L		0005043-01			<0.10		
Chloride-mg/L		0005042-01			<5.00		
Hydroxide Alkalinity-mg/L		0005043-01			<0.10		
SULFATE, 375.4-mg/L		0005072-01			<0.5		
DUPLICATE	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Bicarbonate Alkalinity-mg/L		0306056-01	193		192		0.5%
Carbonate Alkalinity-mg/L		0306056-01	0		<0.10		0.0%
Hydroxide Alkalinity-mg/L		0306056-01	0		<0.10		0.0%
SULFATE, 375.4-mg/L		0306056-01	140		144		2.8%
MS	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/L		0306056-01	230	500	718	97.6%	
MSD	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/L		0306056-01	230	500	709	95.8%	1.3%
SRM	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Bicarbonate Alkalinity-mg/L		0005043-04		0.05	0.0524	104.8%	
Carbonate Alkalinity-mg/L		0005043-04		0.05	0.0524	104.8%	
Chloride-mg/L		0005042-04		5000	4960	99.2%	
Hydroxide Alkalinity-mg/L		0005043-04		0.05	0.0524	104.8%	
SULFATE, 375.4-mg/L		0005072-04		50	57.5	115.0%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Cations

Order#: G0306060

BLANK		LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
	WATER						
Calcium-mg/L		0005058-02			<0.010		
Magnesium-mg/L		0005058-02			<0.001		
Potassium-mg/L		0005058-02			<0.050		
Sodium-mg/L		0005058-02			<0.010		
DUPLICATE		LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
	WATER						
Calcium-mg/L		0306056-01	138		138		0.0%
Magnesium-mg/L		0306056-01	25.7		24.8		3.6%
Potassium-mg/L		0306056-01	5.86		5.90		0.7%
Sodium-mg/L		0306056-01	113		114		0.9%
SRM		LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
	WATER						
Calcium-mg/L		0005058-05		2	2.30	115.0%	
Magnesium-mg/L		0005058-05		2	2.10	105.0%	
Potassium-mg/L		0005058-05		2	1.90	95.0%	
Sodium-mg/L		0005058-05		2	2.12	106.0%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0306060

BLANK	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Total Dissolved Solids (TDS)-mg/L		0005067-01			<5.0		
DUPLICATE	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Total Dissolved Solids (TDS)-mg/L		0306059-01	1040		1030		1.%

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

Project Manager:

Kristin Ferris

Project Name:

BO I-22

Company Name

RICE Operating

Project #:

Company Address:

122 W. Taylor

Project Lac:

City/State/Zip:

H0665, NM 88240

PO #:

Telephone No. ()

(505) 393-9174

Fax No: (505) 397-1471

Sampler Signature:

Joe Battle

[illegible]

Special Instructions:

Anions + Cations TDS

Relinquished by:

Love Faith

3-24-03 1430

Relinquished by: W.C.

3/24/03

CP Charges

1953

Received by:

Data

Time

Received by ELDT

ସାହିତ୍ୟ

2441

Sample Containers Inlaid? Temperature Upon Receipt Laboratory Comments:

Dec 1-5⁰⁰

ANALYTICAL REPORT

Prepared for:

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

Project: Jct I-27
PO#: 505
Order#: G0306600
Report Date: 06/04/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Rice Operating
122 W. Taylor
Hobbs, NM 88240
505-397-1471

Order#: G0306600
Project:
Project Name: Jct I-27
Location: B.D.

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306600-01	MW1	WATER	5/29/03 15:00	5/29/03 19:40	See COC	See COC
<u>Lab Testing:</u>		Rejected: No	Temp:	4.0 C		
8021B/5030 BTEX						
Anions						
Cations						
Total Dissolved Solids (TDS)						

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306600
Project:
Project Name: Jct I-27
Location: B.D.

Lab ID: 0306600-01
Sample ID: MW1

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
Blank	Prepared	Analyzed	Amount	Factor		
0005706-02		5/30/03 13:47	1	1	CK	8021B

Parameter	Result mg/L	RL
Benzene	<0.001	0.001
Toluene	<0.001	0.001
Ethylbenzene	<0.001	0.001
p/m-Xylene	<0.001	0.001
o-Xylene	<0.001	0.001

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	95%	80	120
Bromofluorobenzene	96%	80	120

Approval:

Coley D. Keene
Raland K. Tuttle, Lab Director, QA Officer
Coley D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

06/04/03
Date

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0306600
Project:
Project Name: Jct I-27
Location: B.D.

Lab ID: 0306600-01

Sample ID: MW1

Anions

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Bicarbonate Alkalinity	372	mg/L	1	2.00	310.1	5/30/03	WL
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	5/30/03	WL
Chloride	213	mg/L	1	5.00	9253	5/30/03	WL
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	5/30/03	WL
SULFATE, 375.4	256	mg/L	5	2.5	375.4	6/2/03	SB

Cations

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Calcium	110	mg/L	100	1.0	6010B	6/3/03	SM
Magnesium	54.6	mg/L	10	0.010	6010B	6/3/03	SM
Potassium	8.04	mg/L	10	0.50	6010B	6/3/03	SM
Sodium	162	mg/L	100	1.0	6010B	6/3/03	SM

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Total Dissolved Solids (TDS)	1130	mg/L	1	5.0	160.1	6/2/03	TAL

Approval:

Cele D. Keene 06/04/03
Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

RL = Reporting Limit N/A = Not Applicable

Page 1 of 1

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0306600

BLANK						
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery
Benzene-mg/L		0005706-02			<0.001	
Toluene-mg/L		0005706-02			<0.001	
Ethylbenzene-mg/L		0005706-02			<0.001	
p/m-Xylene-mg/L		0005706-02			<0.001	
o-Xylene-mg/L		0005706-02			<0.001	
MS						
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery
Benzene-mg/L		0306601-01	0	0.1	0.097	97.%
Toluene-mg/L		0306601-01	0	0.1	0.096	96.%
Ethylbenzene-mg/L		0306601-01	0	0.1	0.094	94.%
p/m-Xylene-mg/L		0306601-01	0	0.2	0.196	98.%
o-Xylene-mg/L		0306601-01	0	0.1	0.094	94.%
MSD						
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery
Benzene-mg/L		0306601-01	0	0.1	0.096	96.%
Toluene-mg/L		0306601-01	0	0.1	0.093	93.%
Ethylbenzene-mg/L		0306601-01	0	0.1	0.093	93.%
p/m-Xylene-mg/L		0306601-01	0	0.2	0.193	96.5%
o-Xylene-mg/L		0306601-01	0	0.1	0.095	95.%
SRM						
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery
Benzene-mg/L		0005706-05		0.1	0.093	93.%
Toluene-mg/L		0005706-05		0.1	0.089	89.%
Ethylbenzene-mg/L		0005706-05		0.1	0.087	87.%
p/m-Xylene-mg/L		0005706-05		0.2	0.181	90.5%
o-Xylene-mg/L		0005706-05		0.1	0.088	88.%

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Anions

Order#: G0306600

BLANK						
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery
Bicarbonate Alkalinity-mg/L		0005720-01			<2.00	
Carbonate Alkalinity-mg/L		0005721-01			<0.10	
Chloride-mg/L		0005723-01			<5.00	
Hydroxide Alkalinity-mg/L		0005722-01			<0.10	
SULFATE, 375.4-mg/L		0005697-01			<0.5	
DUPLICATE						
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery
Bicarbonate Alkalinity-mg/L		0306596-01	484		480	0.8%
Carbonate Alkalinity-mg/L		0306596-01	0		<0.10	0.0%
Hydroxide Alkalinity-mg/L		0306596-01	0		<0.10	0.0%
SULFATE, 375.4-mg/L		0306599-01	920		895	2.8%
MS						
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery
Chloride-mg/L		0306596-01	12400	5000	17700	106.0%
MSD						
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery
Chloride-mg/L		0306596-01	12400	5000	17500	102.0%
SRM						
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery
Bicarbonate Alkalinity-mg/L		0005720-04		0.05	0.0496	99.2%
Carbonate Alkalinity-mg/L		0005721-04		0.05	0.0496	99.2%
Chloride-mg/L		0005723-04		5000	5320	106.4%
Hydroxide Alkalinity-mg/L		0005722-04		0.05	0.0496	99.2%
SULFATE, 375.4-mg/L		0005697-04		50	51.1	102.2%

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Cations

Order#: G0306600

BLANK		LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
	WATER						
Calcium-mg/L		0005716-02			<0.010		
Magnesium-mg/L		0005716-02			<0.001		
Potassium-mg/L		0005716-02			<0.050		
Sodium-mg/L		0005716-02			<0.010		
DUPLICATE		LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
	WATER						
Calcium-mg/L		0306596-01	1080		1100		1.8%
Magnesium-mg/L		0306596-01	355		358		0.8%
Potassium-mg/L		0306596-01	63.1		61.8		2.1%
Sodium-mg/L		0306596-01	6910		6790		1.8%
SRM		LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
	WATER						
Calcium-mg/L		0005716-05		2	1.98	99.9%	
Magnesium-mg/L		0005716-05		2	2.10	105.9%	
Potassium-mg/L		0005716-05		2	1.82	91.9%	
Sodium-mg/L		0005716-05		2	1.93	96.5%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0306600

BLANK	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Total Dissolved Solids (TDS)-mg/L		0005714-01			<5.0		
DUPLICATE	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Total Dissolved Solids (TDS)-mg/L		0306599-01	5600		5540		1.1%

12500 West I-20 East
Odessa, Texas 79763

Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Kristin Farris

Company Name: RICE Operating

Company Address: 122 W. Taylor

City/State/Zip: Holden, NM 88240

Telephone No: (505) 393-9174

Sampler Signature: Israel Juarez

Project Name: Jet I-27

Project #:

Project Loc: B.D.

PO #: 505

Fax No: (505) 397-1471

LAB # (has tag only)
0306600

FIELD CODE

MW1

MW1

Date Sampled

5/29/03
5/29/03

Time Sampled

1500
1500

No. of Containers

1
2

Preservative

None
H₂SO₄
NaOH
HCl
HNO₃
Ice

Other (Specify)

X

Matrix

Water
Sludge
Soil
Other (Specify)

Other (Specify)

X

Analyze For:

TCIP
TOTAL

TPH 4015M GRC/DRO

TPH TX 1005/1005

TPH 4181

TDS/CL/SAR/EC

Other (Specify)

Volatiles

Semivolatiles

Metals As Ag Ba Cd Cr Pb Hg Se

BTX 8021B/5030

Standard TAT

Special Instructions:

Major anions & cations: TDS

Relinquished by:

Israel Juarez

Relinquished by:

C. Hayden

Date

5/29/03

Date

5/19/03

Time

1500

Time

15:40

Received by:

Israel Juarez

Received by:

C. Hayden

Date

5-29-03

Time

15:40

Sample Containers (Label)

Temperature Upon Receipt

Laboratory Comments:

See 400

ANALYTICAL REPORT

Prepared for:

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

Project: I-27

PO#:

Order#: G0307309

Report Date: 08/27/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Rice Operating
122 W. Taylor
Hobbs, NM 88240
505-397-1471

Order#: G0307309

Project:

Project Name: I-27

Location: BD

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0307309-01	MWI	WATER	8/22/03 11:00	8/25/03 9:03	See COC	See COC
<u>Lab Testing:</u>		Rejected: No	Temp: 4.5 C			
8021B/5030 BTEX						
Anions						
Cations						
Total Dissolved Solids (TDS)						

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0307309
Project:
Project Name: I-27
Location: BD

Lab ID: 0307309-01
Sample ID: MW1

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution		
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>	<u>Analyst</u>	<u>Method</u>
0006638-02		8/25/03	1	1	JMM	8021B

Parameter	Result mg/L	RL
Benzene	<0.001	0.001
Toluene	<0.001	0.001
Ethylbenzene	<0.001	0.001
p/m-Xylene	<0.001	0.001
o-Xylene	<0.001	0.001

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	118%	80	120
Bromofluorobenzene	105%	80	120

Approval:

Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 1 of 1

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0307309
Project:
Project Name: I-27
Location: BD

Lab ID: 0307309-01

Sample ID: MW1

Anions

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Bicarbonate Alkalinity	352	mg/L	2	4.0	310.1	8/25/03	SB
Carbonate Alkalinity	< 0.20	mg/L	2	0.20	310.1	8/25/03	SB
Chloride	186	mg/L	1	5.00	9253	8/27/03	SB
Hydroxide Alkalinity	< 0.20	mg/L	2	0.20	310.1	8/25/03	SB
SULFATE, 375.4	248	mg/L	5	2.5	375.4	8/26/03	SB

Cations

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Calcium	96.1	mg/L	10	0.10	6010B	8/26/03	SM
Magnesium	49.4	mg/L	10	0.010	6010B	8/26/03	SM
Potassium	27.2	mg/L	10	0.50	6010B	8/26/03	SM
Sodium	127	mg/L	100	1.0	6010B	8/26/03	SM

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Total Dissolved Solids (TDS)	1170	mg/L	1	5.0	160.1	8/25/03	TAL

Approval:

Celey D. Keene 08/28/03
Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0307309

BLANK		LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
	WATER						
Benzene-mg/L		0006638-02			<0.001		
Toluene-mg/L		0006638-02			<0.001		
Ethylbenzene-mg/L		0006638-02			<0.001		
p/m-Xylene-mg/L		0006638-02			<0.001		
o-Xylene-mg/L		0006638-02			<0.001		
CONTROL		LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
	WATER						
Benzene-mg/L		0006638-03		0.1	0.111	111.%	
Toluene-mg/L		0006638-03		0.1	0.114	114.%	
Ethylbenzene-mg/L		0006638-03		0.1	0.105	105.%	
p/m-Xylene-mg/L		0006638-03		0.2	0.222	111.%	
o-Xylene-mg/L		0006638-03		0.1	0.100	100.%	
DUPLICATE		LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
	WATER						
Benzene-mg/L		0307295-06	0		<0.001		0.%
Toluene-mg/L		0307295-06	0		<0.001		0.%
Ethylbenzene-mg/L		0307295-06	0		<0.001		0.%
p/m-Xylene-mg/L		0307295-06	0		<0.001		0.%
o-Xylene-mg/L		0307295-06	0		<0.001		0.%
SRM		LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
	WATER						
Benzene-mg/L		0006638-05		0.1	0.109	109.%	
Toluene-mg/L		0006638-05		0.1	0.114	114.%	
Ethylbenzene-mg/L		0006638-05		0.1	0.104	104.%	
p/m-Xylene-mg/L		0006638-05		0.2	0.227	113.5%	
o-Xylene-mg/L		0006638-05		0.1	0.104	104.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Anions

Order#: G0307309

BLANK							
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Bicarbonate Alkalinity-mg/L		0006617-01			<2.00		
Carbonate Alkalinity-mg/L		0006618-01			<0.10		
Chloride-mg/L		0006640-01			<5.00		
Hydroxide Alkalinity-mg/L		0006619-01			<0.10		
SULFATE, 375.4-mg/L		0006634-01			<0.50		
DUPLICATE							
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Bicarbonate Alkalinity-mg/L		0307300-01	500		502		0.4%
Carbonate Alkalinity-mg/L		0307300-01	0		< 0.20		0.0%
Hydroxide Alkalinity-mg/L		0307300-01	0		< 0.20		0.0%
SULFATE, 375.4-mg/L		0307300-01	4.9		5.00		2.0%
MS							
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/L		0307300-01	2060	1000	3050	99.0%	
MSD							
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/L		0307300-01	2060	1000	3070	101.0%	0.7%
SRM							
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Bicarbonate Alkalinity-mg/L		0006617-04		0.05	0.0496	99.2%	
Carbonate Alkalinity-mg/L		0006618-04		0.05	0.0496	99.2%	
Chloride-mg/L		0006640-04		5000	4960	99.2%	
Hydroxide Alkalinity-mg/L		0006619-04		0.05	0.0496	99.2%	
SULFATE, 375.4-mg/L		0006634-04		50	50.7	101.4%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Cations

Order#: G0307309

BLANK							
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Calcium-mg/L		0006632-01			<0.010		
Magnesium-mg/L		0006632-01			<0.001		
Potassium-mg/L		0006632-01			<0.050		
Sodium-mg/L		0006632-01			<0.010		
DUPLICATE							
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Calcium-mg/L		0307300-01	78.1		77.3		1.0%
Magnesium-mg/L		0307300-01	30.4		29.8		2.0%
Potassium-mg/L		0307300-01	5.82		4.95		16.2%
Sodium-mg/L		0307300-01	1150		1160		0.9%
SRM							
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Calcium-mg/L		0006632-04		2	2.05	102.5%	
Magnesium-mg/L		0006632-04		2	2.04	102.0%	
Potassium-mg/L		0006632-04		2	1.73	86.5%	
Sodium-mg/L		0006632-04		2	1.73	86.5%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0307309

BLANK	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Total Dissolved Solids (TDS)-mg/L		0006633-01			<5.0		
DUPLICATE	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Total Dissolved Solids (TDS)-mg/L		0307303-01	2550		2830		10.4%

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Name: I-27

Project #:

Project Loc: BD

PO #:

Fax No: (505) 397-1471

Sampler Signature: 

[illegible]

ANALYTICAL REPORT

Prepared for:

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

Project: I-27
PO#: 505
Order#: G0308005
Report Date: 11/25/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Rice Operating
122 W. Taylor
Hobbs, NM 88240
505-397-1471

Order#: G0308005
Project:
Project Name: I-27
Location: BD

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0308005-01	MW-1	WATER	11/20/03 12:30	11/20/03 20:30	See COC	See COC
<u>Lab Testing:</u>		Rejected: No	Temp:	4.0 C		
8021B/5030 BTEX						
Anions						
Cations						
Total Dissolved Solids (TDS)						

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0308005
Project:
Project Name: I-27
Location: BD

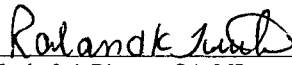
Lab ID: 0308005-01
Sample ID: MW-1

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0007531-02		11/22/03	1	1	CK	8021B

Parameter	Result mg/L	RL
Benzene	<0.001	0.001
Toluene	<0.001	0.001
Ethylbenzene	<0.001	0.001
p/m-Xylene	<0.001	0.001
o-Xylene	<0.001	0.001

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	96%	80	120
Bromofluorobenzene	80%	80	120

Approval: 
Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

11-26-03
Date

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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

Order#: G0308005
Project:
Project Name: I-27
Location: BD

Lab ID: 0308005-01

Sample ID: MW-1

Anions

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Bicarbonate Alkalinity	362	mg/L	1	2.00	310.1	11/21/03	SB
Carbonate Alkalinity	<0.10	mg/L	1	0.10	310.1	11/21/03	SB
Chloride	204	mg/L	1	5.00	325	11/21/03	SB
Hydroxide Alkalinity	<0.10	mg/L	1	0.10	310.1	11/21/03	SB
SULFATE, 375.4	224	mg/L	5	2.5	375.4	11/24/03	SB

Cations

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Calcium	114	mg/L	100	1.0	6010B	11/21/03	SM
Magnesium	61.9	mg/L	10	0.010	6010B	11/21/03	SM
Potassium	11.5	mg/L	10	0.50	6010B	11/21/03	SM
Sodium	140	mg/L	100	1.0	6010B	11/21/03	SM

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Total Dissolved Solids (TDS)	1140	mg/L	1	5.0	160.1	11/22/03	SB

Approval:

Raland K Tuttle 11-26-03

Raland K. Tuttle, Lab Director, QA Officer

Date

Celey D. Keene, Org. Tech. Director

Jeanne McMurrey, Inorg. Tech. Director

Sandra Biezugbe, Lab Tech.

Sara Molina, Lab Tech.

RL = Reporting Limit

N/A = Not Applicable

Page 1 of 1

ENVIRONMENTAL LAB OF TEXAS I, LTD.

12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0308005

BLANK						
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery
Benzene-mg/L		0007531-02			<0.001	
Toluene-mg/L		0007531-02			<0.001	
Ethylbenzene-mg/L		0007531-02			<0.001	
p/m-Xylene-mg/L		0007531-02			<0.001	
o-Xylene-mg/L		0007531-02			<0.001	
CONTROL						
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery
Benzene-mg/L		0007531-03		0.1	0.096	96.%
Toluene-mg/L		0007531-03		0.1	0.092	92.%
Ethylbenzene-mg/L		0007531-03		0.1	0.091	91.%
p/m-Xylene-mg/L		0007531-03		0.2	0.182	91.%
o-Xylene-mg/L		0007531-03		0.1	0.090	90.%
CONTROL DUP						
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery
Benzene-mg/L		0007531-04		0.1	0.101	101.%
Toluene-mg/L		0007531-04		0.1	0.097	97.%
Ethylbenzene-mg/L		0007531-04		0.1	0.092	92.%
p/m-Xylene-mg/L		0007531-04		0.2	0.183	91.5%
o-Xylene-mg/L		0007531-04		0.1	0.087	87.%
SRM						
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery
Benzene-mg/L		0007531-05		0.1	0.099	99.%
Toluene-mg/L		0007531-05		0.1	0.094	94.%
Ethylbenzene-mg/L		0007531-05		0.1	0.091	91.%
p/m-Xylene-mg/L		0007531-05		0.2	0.181	90.5%
o-Xylene-mg/L		0007531-05		0.1	0.087	87.%

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Anions

Order#: G0308005

BLANK						
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery
Bicarbonate Alkalinity-mg/L		0007511-01			<2.00	
Carbonate Alkalinity-mg/L		0007513-01			<0.10	
Chloride-mg/L		0007517-01			<5.00	
Hydroxide Alkalinity-mg/L		0007515-01			<0.10	
SULFATE, 375.4-mg/L		0007546-01			<0.50	
DUPLICATE						
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery
Bicarbonate Alkalinity-mg/L		0308005-01	362		364	0.6%
Carbonate Alkalinity-mg/L		0308005-01	0		<0.10	0.0%
Hydroxide Alkalinity-mg/L		0308005-01	0		<0.10	0.0%
SULFATE, 375.4-mg/L		0307979-01	20.9		21.6	3.3%
MS						
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery
Chloride-mg/L		0308000-01	1990	1000	2980	99.0%
MSD						
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery
Chloride-mg/L		0308000-01	1990	1000	3000	101.0%
SRM						
	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery
Bicarbonate Alkalinity-mg/L		0007511-04		0.05	0.0496	99.2%
Carbonate Alkalinity-mg/L		0007513-04		0.05	0.0496	99.2%
Chloride-mg/L		0007517-04		5000	4960	99.2%
Hydroxide Alkalinity-mg/L		0007515-04		0.05	0.0496	99.2%
SULFATE, 375.4-mg/L		0007546-04		50	49.0	98.0%

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Cations

Order#: G0308005

BLANK		LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
	WATER						
Calcium-mg/L		0007495-02			<0.010		
Magnesium-mg/L		0007495-02			<0.001		
Potassium-mg/L		0007495-02			<0.050		
Sodium-mg/L		0007495-02			<0.010		
DUPLICATE		LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
	WATER						
Calcium-mg/L		0307979-01	81		81.6		0.7%
Magnesium-mg/L		0307979-01	20.1		19.9		1.1%
Potassium-mg/L		0307979-01	7.1		7.25		2.1%
Sodium-mg/L		0307979-01	1290		1280		0.8%
SRM		LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
	WATER						
Calcium-mg/L		0007495-05		2	1.76	88.1%	
Magnesium-mg/L		0007495-05		2	2.17	108.5%	
Potassium-mg/L		0007495-05		2	1.93	96.5%	
Sodium-mg/L		0007495-05		2	2.21	110.5%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0308005

BLANK	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Total Dissolved Solids (TDS)-mg/L		0007522-01			<5.00		
DUPLICATE	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Total Dissolved Solids (TDS)-mg/L		0308000-01	7400		7360		0.5%

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Name: F-27

Project #:

Project Loc: BD

PO #: 505

Fax No: (505) 397-1471

Sample Signature:

Sample Signature:		FIELD CODE		Date Sampled	Time Sampled	No. of Containers	Preservative					Matrix			Analyze For:					Sample Containers intact?	Temperature Upon Receipt	Laboratory Comments					
Relinquished by:	Relinquished by:	Date	Time	Received by:	Time	Received by ELOF	H ₂ O ₂	HCl	HNO ₃	None	Other (Specify)	Water	Sediment	Soil	Other (Specify):	TDS/CL/SAR/EC	TPH #18.1	TPH TX 1005/1006	TPH #015M GRC/DRO				Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTX #021B/5030	RUSH TAT (Pre-Schedule)
J. Post	11/20/03	3:18	11/20/03	12:30	1																						
CP Wagner	11/20	2030	11/20-03	12:30	2																						

Special Instructions: Major Anions Cat ions, TDS

Received by: Palamack, J. Post

Relinquished by: CP Wagner