

AP - 27

ANNUAL MONITORING REPORT

YEAR(S):

2005

RICE Operating Company

122 West Taylor • Hobbs, New Mexico 88240

Phone: (505)393-9174 • Fax: (505) 397-1471

2006 APR 3 PM 1 39

CERTIFIED MAIL

RETURN RECEIPT NO. 7005 1820 0001 6804 8149

March 29, 2006

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

**RE: 2005 MONITOR WELL REPORT/SAMPLING SUMMARY
JUNCTION E-15 Release Site, BD SWD SYSTEM
UNIT 'E', SEC. 15, T22S, R37E
NMOCD CASE #AP-27**

Mr. Price:

Rice Operating Company (ROC) takes this opportunity to submit the 2005 Monitor Well Report for the BD jct. E-15 Release Site located in the Blinbry-Drinkard (BD) Salt Water Disposal (SWD) System. The monitoring wells at this location are sampled quarterly pursuant to New Mexico Oil Conservation Division (OCD) guidelines and the chemical analyses of the water samples are enclosed. In 2006, Arc Environmental Services of Lovington, New Mexico will sample the wells and Environmental Lab of Texas of Odessa will continue to conduct analytical tests of the water samples.

Whole Earth Environmental, Inc. (Whole Earth) of Houston, Texas has been contracted by ROC to address groundwater concerns at this site. Within the next few months, the groundwater treatment/recovery system that is currently on site will be activated.

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 or Mike Griffin of Whole Earth.

RICE OPERATING COMAPANY

A handwritten signature in cursive script that reads "Kristin Farris Pope".

Kristin Farris Pope
Project Scientist

enclosures: Summary table & graph
 Analytical results
 map

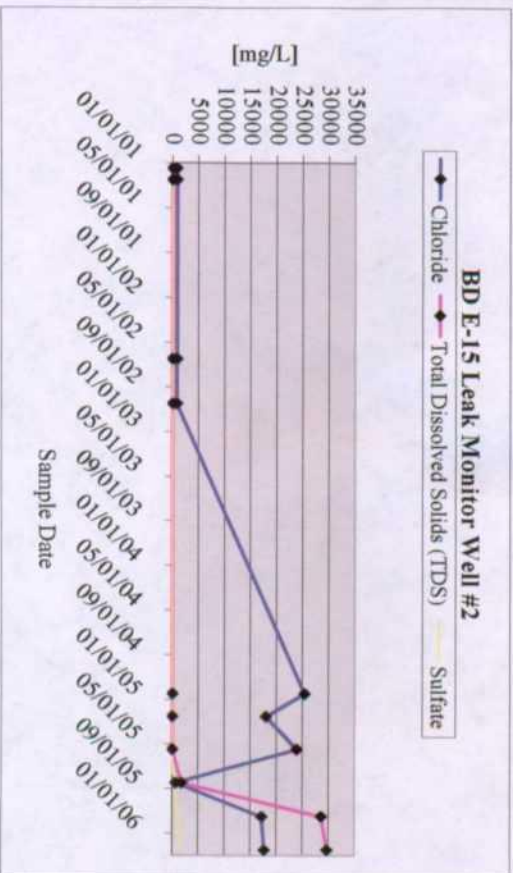
cc: LBG, CDH, Whole Earth, file, Rob Roy Industries,

Daniel Sanchez
Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505

[illegible]

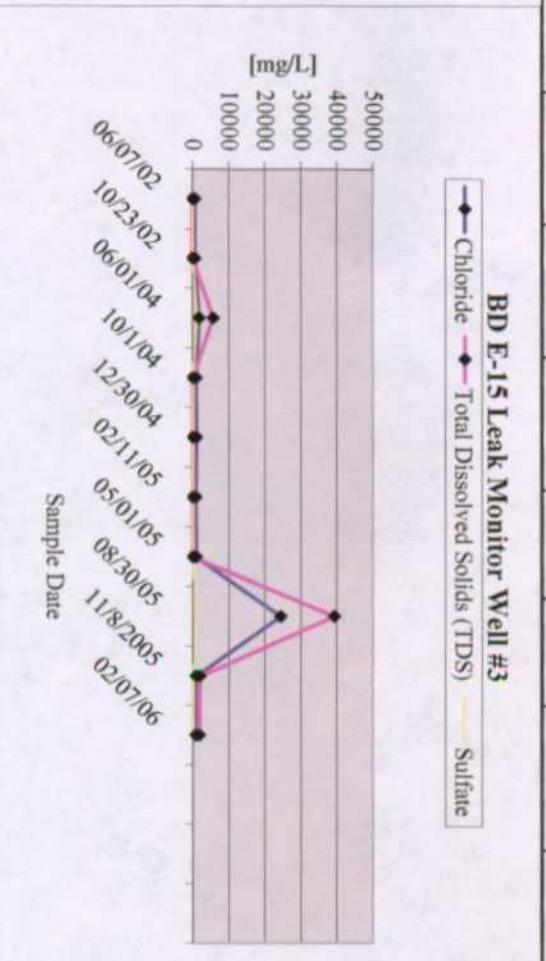
BD E-15 Leak
Unit E, Sec. 15, T22S, R37E

MW #	DEPTH TO WATER	(ft)		(gal)		SAMPLE DATE	All parameter concentrations are in mg/L.							
		TOTAL DEPTH	WELL VOLUME	VOLUME BAILED	CL-	TDS	BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLENES	Sulfate			
2	XXX	XXX	XXX	XXX	01/23/01	780	XXX	<0.001	<0.001	<0.001	XXX			
2	XXX	XXX	XXX	XXX	02/27/01	886	XXX	0.001	0.001	0.001	XXX			
2	XXX	XXX	XXX	XXX	06/07/02	857	XXX	0.001	0.001	0.001	XXX			
2	XXX	XXX	XXX	XXX	10/23/02	827	XXX	0.017	0.026	0.029	XXX			
2	XXX	XXX	XXX	XXX	12/30/04	25400	XXX	XXX	XXX	XXX	XXX			
2	XXX	XXX	XXX	XXX	02/11/05	18000	XXX	XXX	XXX	XXX	XXX			
2	XXX	XXX	XXX	XXX	05/01/05	23900	XXX	XXX	XXX	XXX	XXX			
2	XXX	XXX	XXX	XXX	8/30/2005	676	1810	<0.001	<0.001	<0.001	229			
2	76.45	86.75	1.6	6	11/08/05	17200	28600	0.00116	<0.001	<0.001	1140			
2	76.33	86.57	1.7	6	02/07/06	17700	29700	<0.0006101	<0.0004141	<0.001	1140			



BD E-15 Leak
Unit E, Sec. 15, T22S, R37E

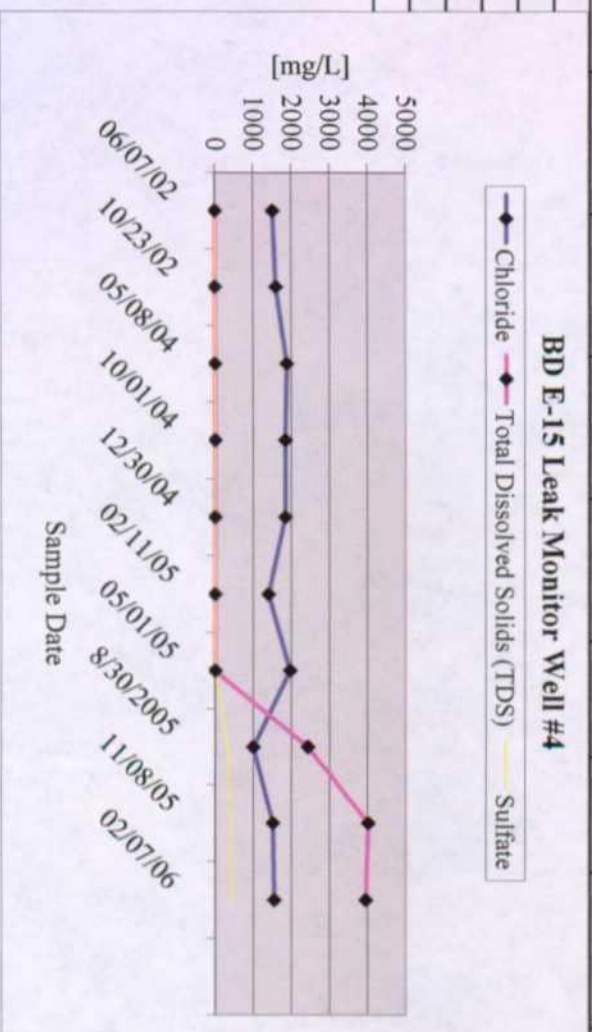
MW #	DEPTH TO WATER	TOTAL DEPTH	(ft)		(gal)		SAMPLE DATE	CL-	TDS	All parameter concentrations are in mg/L.				Sulfate
			WELL VOLUME	VOLUME BAILED						BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLENES	
3	XXX	XXX	XXX	XXX			06/07/02	657	XXX	0.001	0.001	0.001	0.001	XXX
3	XXX	XXX	XXX	XXX			10/23/02	620	XXX	0.001	0.001	0.001	0.001	XXX
3	86.2	100.2	2.2	7			06/01/04	1790	5700	<0.001	<0.001	<0.001	<0.001	1250
3	XXX	XXX	XXX	XXX			10/1/04	904	XXX	XXX	XXX	XXX	XXX	XXX
3	XXX	XXX	XXX	XXX			12/30/04	993	XXX	XXX	XXX	XXX	XXX	XXX
3	XXX	XXX	XXX	XXX			02/11/05	797	XXX	XXX	XXX	XXX	XXX	XXX
3	XXX	XXX	XXX	XXX			05/01/05	909	XXX	XXX	XXX	XXX	XXX	XXX
3	XXX	XXX	XXX	XXX			08/30/05	24400	39300	<0.001	<0.001	<0.001	<0.001	797
3	79.52	99.2	3.1	10			11/8/2005	845	1920	<0.001	<0.001	<0.001	<0.001	161
3	78.83	99.2	3.3	10			02/07/06	769	1750	<0.001	<0.001	<0.001	<0.001	157



Unit 'E', Sec. 15, T22S, R37E

RICE Operating Company
Monitor Well Data Sheet

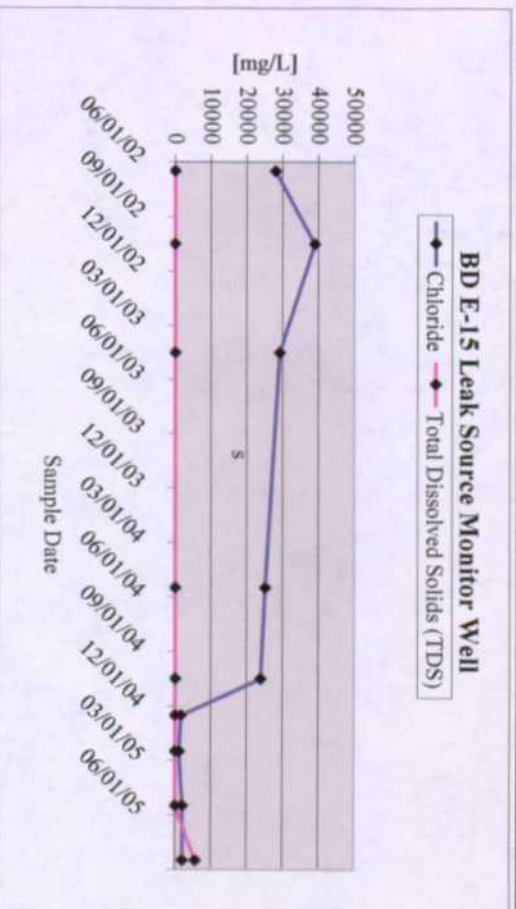
(ft)													(gal)		All parameter concentrations are in mg/L.	
MW #	DEPTH TO WATER	TOTAL DEPTH	WELL VOLUME	VOLUME BAILED	SAMPLE DATE	CL-	TDS	BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLENES	Sulfate				
4	XXX	XXX	XXX	XXX	06/07/02	1510	XXX	0.004	0.008	0.004	0.053	XXX				
4	XXX	XXX	XXX	XXX	10/23/02	1600	XXX	0.004	0.004	0.006	0.106	XXX				
4	XXX	XXX	XXX	XXX	05/08/04	1880	XXX	XXX	XXX	XXX	XXX	XXX				
4	XXX	XXX	XXX	XXX	10/01/04	1840	XXX	XXX	XXX	XXX	XXX	XXX				
4	XXX	XXX	XXX	XXX	12/30/04	1840	XXX	XXX	XXX	XXX	XXX	XXX				
4	XXX	XXX	XXX	XXX	02/11/05	1400	XXX	XXX	XXX	XXX	XXX	XXX				
4	XXX	XXX	XXX	XXX	05/01/05	1970	XXX	XXX	XXX	XXX	XXX	XXX				
4	XXX	XXX	XXX	XXX	8/30/2005	1000	2430	<0.001	<0.001	<0.001	<0.001	328				
4	86.21	98.55	2	7	11/08/05	1510	4020	[0.000774]	<0.001	<0.001	<0.001	413				
4	85.67	98.55	2.1	7	02/07/06	1550	3950	<0.001	<0.001	<0.001	<0.001	425				

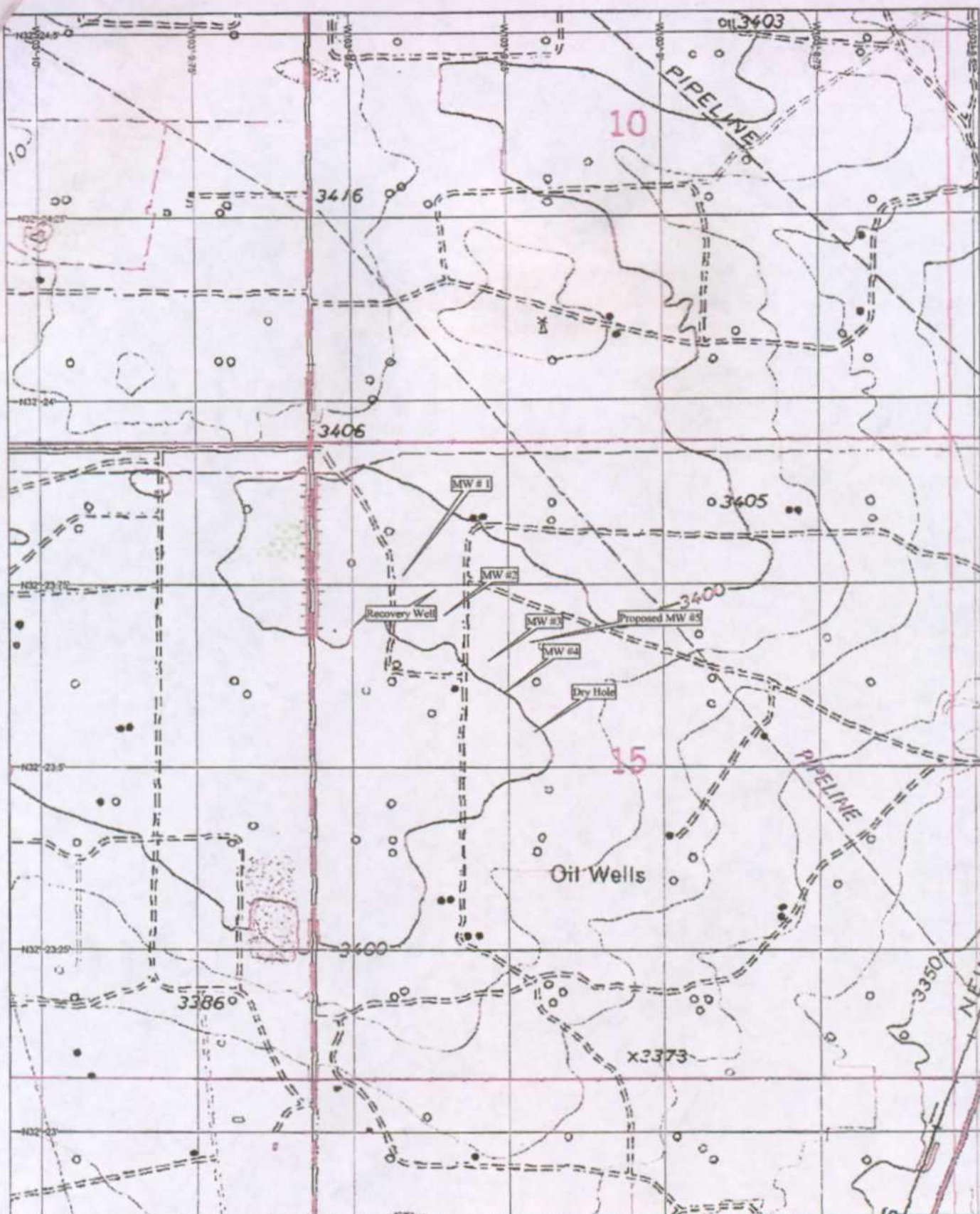


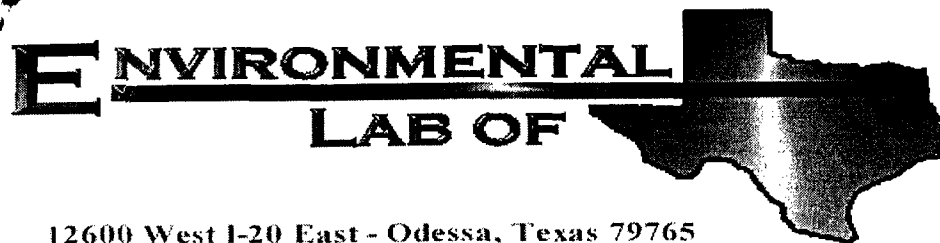
BD E-15 Leak

Unit 'E', Sec. 15, T22S, R37E

(ft)														(gal)		All parameter concentrations are in mg/L.									
M/W #	DEPTH TO WATER	TOTAL DEPTH	WELL VOLUME	VOLUME BAILED	SAMPLE DATE	CL-	TDS	BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLENES	Sulfate	COMMENTS												
Source	XXX	XXX	XXX	XXX	10/24/02	39000	XXX	0.013	0.016	0.011	0.084	XXX													
Source	XXX	XXX	XXX	XXX	06/10/02	28000	XXX	<0.001	<0.001	<0.001	<0.001	XXX													
Source	XXX	XXX	XXX	XXX	04/14/03	29200	XXX	XXX	XXX	XXX	XXX	XXX													
Source	XXX	XXX	XXX	XXX	05/08/04	25200	XXX	XXX	XXX	XXX	XXX	XXX													
Source	XXX	XXX	XXX	XXX	10/01/04	23900	XXX	XXX	XXX	XXX	XXX	XXX													
Source	XXX	XXX	XXX	XXX	12/30/04	1680	XXX	<0.001	<0.001	<0.001	<0.001	260													
Source	XXX	XXX	XXX	XXX	02/11/05	1180	XXX	XXX	XXX	XXX	XXX	XXX													
Source	XXX	XXX	XXX	XXX	05/01/05	2030	XXX	XXX	XXX	XXX	XXX	XXX													
Source	XXX	XXX	XXX	XXX	08/30/05	2010	5660	<0.001	<0.001	<0.001	<0.001	695													







12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Mike Griffin

WHOLE EARTH ENVIRONMENTAL

2103 Arbor Cove

Katy, TX 77494

Project: E-15

Project Number: None Given

Location: Eunice

Lab Order Number: 5B17007

Report Date: 02/21/05

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: E-15
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
02/21/05 16:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	5B17007-01	Water	02/11/05 00:00	02/17/05 09:00
MW-2	5B17007-02	Water	02/11/05 00:00	02/17/05 09:00
MW-3	5B17007-03	Water	02/11/05 00:00	02/17/05 09:00
MW-4	5B17007-04	Water	02/11/05 00:00	02/17/05 09:00
SW	5B17007-05	Water	02/11/05 00:00	02/17/05 09:00

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: E-15
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
02/21/05 16:41

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (5B17007-01) Water									
Chloride	663	10.0	mg/L	20	EB52108	02/19/05	02/19/05	EPA 300.0	
MW-2 (5B17007-02) Water									
Chloride	18000	1000	mg/L	2000	EB52108	02/19/05	02/19/05	EPA 300.0	
MW-3 (5B17007-03) Water									
Chloride	797	10.0	mg/L	20	EB52108	02/19/05	02/19/05	EPA 300.0	
MW-4 (5B17007-04) Water									
Chloride	1400	20.0	mg/L	40	EB52108	02/19/05	02/19/05	EPA 300.0	
SW (5B17007-05) Water									
Chloride	1180	20.0	mg/L	40	EB52108	02/19/05	02/19/05	EPA 300.0	

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: E-15
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
02/21/05 16:41

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 EB52108 - General Preparation (WetChem)

Blank (EB52108-BLK1)

Prepared & Analyzed: 02/19/05

Chloride	ND	0.500	mg/L							
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LCS (EB52108-BS1)

Prepared & Analyzed: 02/19/05

Chloride	9.68		mg/L	10.0		96.8	80-120			
----------	------	--	------	------	--	------	--------	--	--	--

LCS Dup (EB52108-BSD1)

Prepared & Analyzed: 02/19/05

Chloride	8.57		mg/L	10.0		85.7	80-120	12.2	20	
----------	------	--	------	------	--	------	--------	------	----	--

Calibration Check (EB52108-CCV1)

Prepared & Analyzed: 02/19/05

Chloride	9.47		mg/L	10.0		94.7	80-120			
----------	------	--	------	------	--	------	--------	--	--	--

Duplicate (EB52108-DUP1)

Source: 5B16010-01

Prepared & Analyzed: 02/19/05

Chloride	853	25.0	mg/L		822			3.70	20	
----------	-----	------	------	--	-----	--	--	------	----	--

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: E-15
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
02/21/05 16:41

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:

2-21-05

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

Jeanne Mc Murrey, Inorg. Tech Director
James L. Hawkins, Chemist/Geologist
Sandra Sanchez, Lab Tech.

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Name: E-15

Project #:

Project Loc: Eunice

PO #:

Fax No: 281.394.2051

Sampler Signature:

[illegible]

Special Instructions:

Sample Containers Intact?

Temperature Upon Receipt:

Laboratory Comments:

Relinquished by:	Date	Time	Received by:
------------------	------	------	--------------

Date	Time
------	------

Relinquished by:

Received by EL0T:

Time

Date: _____

Relinquished by:

Date	Time
------	------

Date _____

--	--

by ELOT: 1200

Time

Date: _____

Relinquished by:

Environmental Lab of Texas

Variance / Corrective Action Report – Sample Log-In

Client: Whole Earth Env.

Date/Time: 2/17/05 9:50

Order #: _____

Initials: CR

Sample Receipt Checklist

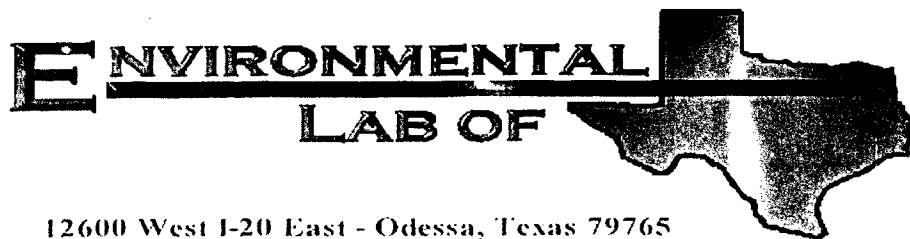
Temperature of container/cooler?	Yes	No	13.0 C
Shipping container/cooler in good condition?	<u>Yes</u>	No	
Custody Seals intact on shipping container/cooler?	Yes	No	<u>Not present</u>
Custody Seals intact on sample bottles?	Yes	No	<u>Not present</u>
Chain of custody present?	<u>Yes</u>	No	
Sample Instructions complete on Chain of Custody?	<u>Yes</u>	No	
Chain of Custody signed when relinquished and received?	<u>Yes</u>	No	
Chain of custody agrees with sample label(s) <u>no label</u>	Yes	No	<u>written on lid</u>
Container labels legible and intact?	Yes	No	<u>n/a</u>
Sample Matrix and properties same as on chain of custody?	<u>Yes</u>	No	
Samples in proper container/bottle?	<u>Yes</u>	No	
Samples properly preserved?	<u>Yes</u>	No	
Sample bottles intact?	<u>Yes</u>	No	
Preservations documented on Chain of Custody?	<u>Yes</u>	No	
Containers documented on Chain of Custody?	<u>Yes</u>	No	
Sufficient sample amount for indicated test?	<u>Yes</u>	No	
All samples received within sufficient hold time?	<u>Yes</u>	No	
VOC samples have zero headspace?	<u>Yes</u>	No	Not Applicable

Other observations:

Variance Documentation:

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

Corrective Action Taken:



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Mike Griffin

WHOLE EARTH ENVIRONMENTAL

2103 Arbor Cove

Katy, TX 77494

Project: E-15

Project Number: None Given

Location: Eunice, NM

Lab Order Number: 5E02019

Report Date: 05/05/05

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: E-15
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
05/05/05 12:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Source Well (1)	5E02019-01	Water	05/01/05 08:24	05/02/05 14:45
MW-1	5E02019-02	Water	05/01/05 08:43	05/02/05 14:45
MW-2	5E02019-03	Water	05/01/05 09:02	05/02/05 14:45
MW-3	5E02019-04	Water	05/01/05 09:26	05/02/05 14:45
MW-4	5E02019-05	Water	05/01/05 09:50	05/02/05 14:45

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: E-15
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
05/05/05 12:51

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Source Well (1) (5E02019-01) Water									
Chloride	2030	25.0	mg/L	50	EE50408	05/03/05	05/03/05	EPA 300.0	
MW-1 (5E02019-02) Water									
Chloride	512	12.5	mg/L	25	EE50408	05/03/05	05/03/05	EPA 300.0	
MW-2 (5E02019-03) Water									
Chloride	23900	1250	mg/L	2500	EE50408	05/03/05	05/03/05	EPA 300.0	
MW-3 (5E02019-04) Water									
Chloride	909	12.5	mg/L	25	EE50408	05/03/05	05/03/05	EPA 300.0	
MW-4 (5E02019-05) Water									
Chloride	1970	25.0	mg/L	50	EE50408	05/03/05	05/03/05	EPA 300.0	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 2 of 4

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: E-15
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
05/05/05 12:51

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 EE50408 - General Preparation (WetChem)										
Blank (EE50408-BLK1)				Prepared & Analyzed: 05/03/05						
Chloride	ND	0.500	mg/L							
LCS (EE50408-BS1)				Prepared & Analyzed: 05/03/05						
Chloride	10.7		mg/L	10.0		107	80-120			
Calibration Check (EE50408-CCV1)				Prepared & Analyzed: 05/03/05						
Chloride	10.2		mg/L	10.0		102	80-120			
Duplicate (EE50408-DUP1)				Source: 5E02018-01		Prepared & Analyzed: 05/03/05				
Chloride	1020	25.0	mg/L		1030			0.976	20	

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: E-15
Project Number: None Given
Project Manager: Mike Griffin

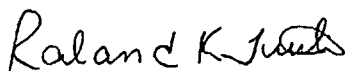
Fax: (281) 394-2051

Reported:
05/05/05 12:51

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:



Date:

5/5/2005

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

Jeanne Mc Murrey, Inorg. Tech Director
James L. Hawkins, Chemist/Geologist
Sandra Sanchez, Lab Tech.

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**12600 West I-20 East
Odessa, Texas 79763**
Phone: 432-563-1800
Fax: 432-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager:

Project Name: E-15

Company Name Whole Earth Environmental, Inc.

Project #:

Company Address: 2103 Arbor Cove

Project Loc: Eunice, NM

City/State/Zip: Katy, Tx. 77494

##

Telephone No: 281.394.2050

Fax No: (281) 394.2051

Sampler Signature:

11014

[illegible]

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

Client: Whole Earth Env.

Date/Time: 5/2/03 3:00

Order #: 5E02019

Initials: CK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	<u>1.5</u> 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

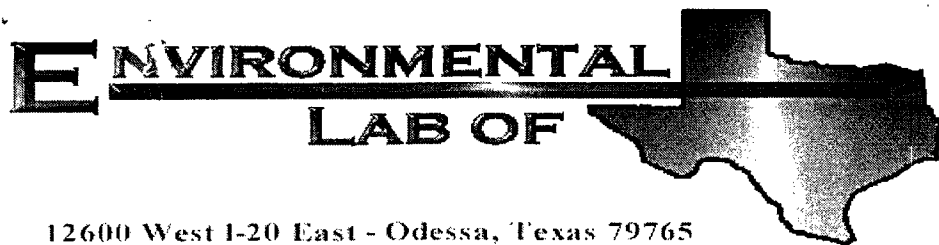
Other observations:

Variance Documentation:

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

Regarding:

Corrective Action Taken:



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Mike Griffin

WHOLE EARTH ENVIRONMENTAL

2103 Arbor Cove

Katy, TX 77494

BD leak

Project: E-15

Project Number: None Given

Location: Eunice, NM

Lab Order Number: 5H30014

Report Date: 09/07/05

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: E-15
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
09/07/05 12:19

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Queto Northwest (2)	5H30014-01	Water	08/30/05 08:05	08/30/05 15:22
Queto Source Well (1)	5H30014-02	Water	08/30/05 08:24	08/30/05 15:22
Pit Center (3)	5H30014-03	Water	08/30/05 08:42	08/30/05 15:22
Mid Southeast (4)	5H30014-04	Water	08/30/05 09:12	08/30/05 15:22
Far Southeast	5H30014-05	Water	08/30/05 09:20	08/30/05 15:22

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: E-15
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
09/07/05 12:19

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Queto Northwest (2) (5H30014-01) Water									
Benzene	ND	0.00100	mg/L	1	E150105	09/01/05	09/01/05	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		88.6 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		81.3 %	80-120		"	"	"	"	
Queto Source Well (1) (5H30014-02) Water									
Benzene	ND	0.00100	mg/L	1	E150105	09/01/05	09/01/05	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		89.8 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		82.6 %	80-120		"	"	"	"	
Pit Center (3) (5H30014-03) Water									
Benzene	ND	0.00100	mg/L	1	E150105	09/01/05	09/01/05	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		84.2 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		85.7 %	80-120		"	"	"	"	
Mid Southeast (4) (5H30014-04) Water									
Benzene	ND	0.00100	mg/L	1	E150105	09/01/05	09/01/05	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		91.3 %	80-120		"	"	"	"	

Environmental Lab of Texas

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WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: E-15
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
09/07/05 12:19

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Far Southeast (5H30014-05) Water									
Benzene	ND	0.00100	mg/L	1	EI50105	09/01/05	09/01/05	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		91.3 %	80-120		"	"	"	"	
Surrogate: <i>4</i> -Bromofluorobenzene		89.8 %	80-120		"	"	"	"	

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: E-15
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
09/07/05 12:19

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Queto Northwest (2) (5H30014-01) Water									
Carbonate Alkalinity	ND	0.100	mg/L	1	EI50101	08/31/05	08/31/05	EPA 310.2M	
Bicarbonate Alkalinity	217	2.00	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.100	"	"	"	"	"	"	
Chloride	676	10.0	"	20	EH53109	08/31/05	08/31/05	EPA 300.0	
Total Dissolved Solids	1810	5.00	"	1	EI50208	08/31/05	08/31/05	EPA 160.1	
Sulfate	229	10.0	"	20	EH53109	08/31/05	08/31/05	EPA 300.0	
Queto Source Well (1) (5H30014-02) Water									
Carbonate Alkalinity	ND	0.100	mg/L	1	EI50101	08/31/05	08/31/05	EPA 310.2M	
Bicarbonate Alkalinity	316	2.00	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.100	"	"	"	"	"	"	
Chloride	1760	25.0	"	50	EH53109	08/31/05	08/31/05	EPA 300.0	
Total Dissolved Solids	3350	5.00	"	1	EI50208	08/31/05	08/31/05	EPA 160.1	
Sulfate	215	25.0	"	50	EH53109	08/31/05	08/31/05	EPA 300.0	
Pit Center (3) (5H30014-03) Water									
Carbonate Alkalinity	ND	0.100	mg/L	1	EI50101	08/31/05	08/31/05	EPA 310.2M	
Bicarbonate Alkalinity	195	2.00	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.100	"	"	"	"	"	"	
Chloride	24400	250	"	500	EH53109	08/31/05	08/31/05	EPA 300.0	
Total Dissolved Solids	39300	5.00	"	1	EI50208	08/31/05	08/31/05	EPA 160.1	
Sulfate	797	25.0	"	50	EH53109	08/31/05	08/31/05	EPA 300.0	
Mid Southeast (4) (5H30014-04) Water									
Carbonate Alkalinity	ND	0.100	mg/L	1	EI50101	08/31/05	08/31/05	EPA 310.2M	
Bicarbonate Alkalinity	118	2.00	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.100	"	"	"	"	"	"	
Chloride	1000	12.5	"	25	EH53109	08/31/05	08/31/05	EPA 300.0	
Total Dissolved Solids	2430	5.00	"	1	EI50208	08/31/05	08/31/05	EPA 160.1	
Sulfate	328	12.5	"	25	EH53109	08/31/05	08/31/05	EPA 300.0	

Environmental Lab of Texas

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WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: E-15
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
09/12/05 16:16

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Far Southeast (5H30014-05) Water									
Carbonate Alkalinity	ND	0.100	mg/L	1	EI50101	08/31/05	08/31/05	EPA 310.2M	
Bicarbonate Alkalinity	116	2.00	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	0.100	"	"	"	"	"	"	
Chloride	2010	20.0	"	40	EH53109	08/31/05	08/31/05	EPA 300.0	
Total Dissolved Solids	5660	5.00	"	1	EI50208	08/31/05	08/31/05	EPA 160.1	
Sulfate	695	20.0	"	40	EH53109	08/31/05	08/31/05	EPA 300.0	

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: E-15
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
09/12/05 16:16

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Queto Northwest (2) (5H30014-01) Water									
Calcium	195	0.500	mg/L	50	EI50708	09/06/05	09/06/05	EPA 6010B	
Magnesium	126	0.0500	"	"	"	"	"	"	
Potassium	13.6	0.500	"	10	"	"	"	"	
Sodium	204	0.500	"	50	"	"	"	"	
Queto Source Well (1) (5H30014-02) Water									
Calcium	115	0.500	mg/L	50	EI50708	09/06/05	09/06/05	EPA 6010B	
Magnesium	82.4	0.0500	"	"	"	"	"	"	
Potassium	31.2	0.500	"	10	"	"	"	"	
Sodium	1140	2.00	"	200	"	"	"	"	
Pit Center (3) (5H30014-03) Water									
Calcium	3150	20.0	mg/L	2000	EI50708	09/06/05	09/06/05	EPA 6010B	
Magnesium	1240	0.400	"	400	"	"	"	"	
Potassium	158	2.50	"	50	"	"	"	"	
Sodium	10900	20.0	"	2000	"	"	"	"	
Mid Southeast (4) (5H30014-04) Water									
Calcium	214	0.500	mg/L	50	EI50708	09/06/05	09/06/05	EPA 6010B	
Magnesium	147	0.0500	"	"	"	"	"	"	
Potassium	14.3	0.500	"	10	"	"	"	"	
Sodium	169	0.500	"	50	"	"	"	"	
Far Southeast (5H30014-05) Water									
Calcium	849	4.00	mg/L	400	EI50708	09/06/05	09/06/05	EPA 6010B	
Magnesium	451	0.200	"	200	"	"	"	"	
Potassium	23.2	0.500	"	10	"	"	"	"	
Sodium	454	4.00	"	400	"	"	"	"	

Environmental Lab of Texas

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WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: E-15
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
09/07/05 12:19

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
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Batch EI50105 - EPA 5030C (GC)

Blank (EI50105-BLK1)

Prepared & Analyzed: 09/01/05

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	92.2		ug/l	100		92.2	80-120			
Surrogate: 4-Bromofluorobenzene	81.2		"	100		81.2	80-120			

LCS (EI50105-BS1)

Prepared & Analyzed: 09/01/05

Benzene	80.9		ug/l	100		80.9	80-120			
Toluene	82.0		"	100		82.0	80-120			
Ethylbenzene	94.1		"	100		94.1	80-120			
Xylene (p/m)	185		"	200		92.5	80-120			
Xylene (o)	97.3		"	100		97.3	80-120			
Surrogate: a,a,a-Trifluorotoluene	101		"	100		101	80-120			
Surrogate: 4-Bromofluorobenzene	104		"	100		104	80-120			

Calibration Check (EI50105-CCV1)

Prepared & Analyzed: 09/01/05

Benzene	84.5		ug/l	100		84.5	80-120			
Toluene	82.2		"	100		82.2	80-120			
Ethylbenzene	89.0		"	100		89.0	80-120			
Xylene (p/m)	176		"	200		88.0	80-120			
Xylene (o)	89.6		"	100		89.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	105		"	100		105	80-120			
Surrogate: 4-Bromofluorobenzene	106		"	100		106	80-120			

Matrix Spike (EI50105-MS1)

Source: 5H30013-01

Prepared: 09/01/05 Analyzed: 09/02/05

Benzene	83.3		ug/l	100	ND	83.3	80-120			
Toluene	83.4		"	100	ND	83.4	80-120			
Ethylbenzene	95.5		"	100	ND	95.5	80-120			
Xylene (p/m)	187		"	200	ND	93.5	80-120			
Xylene (o)	97.7		"	100	ND	97.7	80-120			
Surrogate: a,a,a-Trifluorotoluene	103		"	100		103	80-120			
Surrogate: 4-Bromofluorobenzene	110		"	100		110	80-120			

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: E-15
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
09/07/05 12:19

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
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Batch EI50105 - EPA 5030C (GC)

Matrix Spike Dup (EI50105-MSD1)

Source: 5H30013-01

Prepared: 09/01/05 Analyzed: 09/02/05

Benzene	82.3		ug/l	100	ND	82.3	80-120	1.21	20	
Toluene	84.0		"	100	ND	84.0	80-120	0.717	20	
Ethylbenzene	98.7		"	100	ND	98.7	80-120	3.30	20	
Xylene (p/m)	194		"	200	ND	97.0	80-120	3.67	20	
Xylene (o)	103		"	100	ND	103	80-120	5.28	20	
Surrogate: a,a,a-Trifluorotoluene	100		"	100		100	80-120			
Surrogate: 4-Bromofluorobenzene	112		"	100		112	80-120			

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

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Project Number: None Given
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Fax: (281) 394-2051

Reported:
09/07/05 12:19

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
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Batch EH53109 - General Preparation (WetChem)

Blank (EH53109-BLK1)

Prepared & Analyzed: 08/31/05

Sulfate	ND	0.500	mg/L							
Chloride	ND	0.500	"							

LCS (EH53109-BS1)

Prepared & Analyzed: 08/31/05

Chloride	9.62		mg/L	10.0		96.2	80-120			
Sulfate	8.52		"	10.0		85.2	80-120			

Calibration Check (EH53109-CCV1)

Prepared & Analyzed: 08/31/05

Chloride	9.02		mg/L	10.0		90.2	80-120			
Sulfate	8.42		"	10.0		84.2	80-120			

Duplicate (EH53109-DUP1)

Source: 5H30012-01

Prepared & Analyzed: 08/31/05

Chloride	2330	25.0	mg/L		2380			2.12	20	
Sulfate	2120	25.0	"		2170			2.33	20	

Batch EI50101 - General Preparation (WetChem)

Blank (EI50101-BLK1)

Prepared & Analyzed: 08/31/05

Total Alkalinity	ND	2.00	mg/L							
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Duplicate (EI50101-DUP1)

Source: 5H30013-01

Prepared & Analyzed: 08/31/05

Carbonate Alkalinity	0.00	0.100	mg/L		0.00				20	
Bicarbonate Alkalinity	249	2.00	"		248			0.402	20	
Hydroxide Alkalinity	0.00	0.100	"		0.00				20	

Reference (EI50101-SRM1)

Prepared & Analyzed: 08/31/05

Bicarbonate Alkalinity	230		mg/L	200		115	80-120			
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WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: E-15
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
09/07/05 12:19

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
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Batch EI50208 - General Preparation (WetChem)

Blank (EI50208-BLK1)

Prepared & Analyzed: 08/31/05

Total Dissolved Solids ND 5.00 mg/L

Duplicate (EI50208-DUP1)

Source: 5H30012-01

Prepared & Analyzed: 08/31/05

Total Dissolved Solids 3870 5.00 mg/L 3830 1.04 5

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: E-15
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
09/07/05 12:19

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
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Batch EI50708 - 6010B/No Digestion

Blank (EI50708-BLK1)

Prepared & Analyzed: 09/06/05

Calcium	ND	0.0100	mg/L							
Magnesium	ND	0.00100	"							
Potassium	ND	0.0500	"							
Sodium	ND	0.0100	"							

Calibration Check (EI50708-CCV1)

Prepared & Analyzed: 09/06/05

Calcium	2.14		mg/L	2.00		107	85-115			
Magnesium	2.19		"	2.00		110	85-115			
Potassium	1.77		"	2.00		88.5	85-115			
Sodium	1.86		"	2.00		93.0	85-115			

Duplicate (EI50708-DUP1)

Source: 5H18012-01

Prepared & Analyzed: 09/06/05

Calcium	19.4	0.100	mg/L		19.8			2.04	20	
Magnesium	22.1	0.0100	"		23.2			4.86	20	
Potassium	22.4	0.500	"		23.3			3.94	20	
Sodium	51.3	0.100	"		51.0			0.587	20	

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: E-15
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
09/07/05 12:19

Notes and Definitions

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

Report Approved By:

Raland K Tuttle

Date:

9-12-05

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

**12600 West I-20 East
Odessa, Texas 79763**

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager:

Project Name: E-15

Company Name Whole Earth Environmental, Inc.

Project #:

Company Address: 2103 Arbor Cove

Project Loc: Eunice, NM

City/State/Zip: Katy, Tx. 77084

PO#

Telephone No: 281.394.2050

Fax No: (281) 394.2051

Sampler Signature:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative						Matrix			Other (specify):	TDS CL / SAR / EC *	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semi-volatiles	BTEX 8021B/5030	Chlorides	Major Cations & Anions	Standard TAT	RUSH TAT (Pre-Schedule	
					Ice	HNO ₃	HCl	NaOH	H ₂ SO ₄	None	Other (Specify)	Water	Sludge														Soil
5132014																											
01	Cueto Northwest (2)	8-30-05	8:05	2	X								X								X	X	X				
02	Cueto Source Well (1)		8:24	2	X								X								X	X	X				
03	Pit Center (3)		8:42	2	X								X								X	X	X				
04	Mid Southeast (4)		9:12	2	X								X								X	X	X				
05	Far Southeast		9:20	2	X								X								X	X	X				

Environmental Lab of Texas

Variance / Corrective Action Report – Sample Log-In

Client: Whole Earth

Date/Time: 8/30/05

Order #: 5H30014

Initials: ck

Sample Receipt Checklist

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

VDA

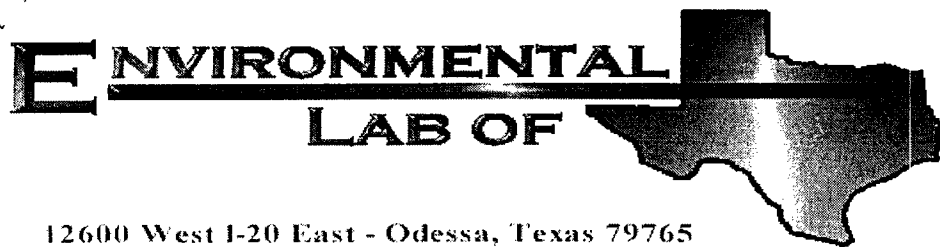
1 L-poly

Other observations:

Variance Documentation:

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

Corrective Action Taken:



Analytical Report

Prepared for:

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

Project: BD E-15 Leak
Project Number: None Given
Location: Lea County

Lab Order Number: 5K10008

Report Date: 11/18/05

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

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

Fax: (505) 397-1471

Reported:
11/18/05 17:10

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Monitor Well #1	5K10008-01	Water	11/08/05 14:55	11/10/05 13:50
Monitor Well #2	5K10008-02	Water	11/08/05 11:20	11/10/05 13:50
Monitor Well #3	5K10008-03	Water	11/08/05 13:15	11/10/05 13:50
Monitor Well #4	5K10008-04	Water	11/08/05 10:10	11/10/05 13:50

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

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

Fax: (505) 397-1471

Reported:
11/18/05 17:10

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (5K10008-01) Water									
Benzene	ND	0.00100	mg/L	1	EK51108	11/11/05	11/14/05	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		82.8 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		81.2 %	80-120		"	"	"	"	
Monitor Well #2 (5K10008-02) Water									
Benzene	0.00116	0.00100	mg/L	1	EK51108	11/11/05	11/14/05	EPA 8021B	
Toluene	J [0.000814]	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		83.8 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		80.8 %	80-120		"	"	"	"	
Monitor Well #3 (5K10008-03) Water									
Benzene	ND	0.00100	mg/L	1	EK51108	11/11/05	11/14/05	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		83.2 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		80.8 %	80-120		"	"	"	"	
Monitor Well #4 (5K10008-04) Water									
Benzene	J [0.000774]	0.00100	mg/L	1	EK51108	11/11/05	11/14/05	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		82.3 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.2 %	80-120		"	"	"	"	

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

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

Fax: (505) 397-1471

Reported:
11/22/05 08:14

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 (5K10008-01) Water									
Total Alkalinity	234	4.00	mg/L	2	EK51814	11/18/05	11/18/05	EPA 310.2M	
Chloride	438	10.0	"	20	EK51609	11/15/05	11/16/05	EPA 300.0	
Total Dissolved Solids	1400	5.00	"	1	EK51604	11/14/05	11/15/05	EPA 160.1	
Sulfate	183	10.0	"	20	EK51609	11/15/05	11/16/05	EPA 300.0	
Monitor Well #2 (5K10008-02) Water									
Total Alkalinity	192	4.00	mg/L	2	EK51814	11/18/05	11/18/05	EPA 310.2M	
Chloride	17200	250	"	500	EK51609	11/15/05	11/16/05	EPA 300.0	
Total Dissolved Solids	28600	5.00	"	1	EK51604	11/14/05	11/15/05	EPA 160.1	
Sulfate	1140	250	"	500	EK51609	11/15/05	11/16/05	EPA 300.0	
Monitor Well #3 (5K10008-03) Water									
Total Alkalinity	100	4.00	mg/L	2	EK51814	11/18/05	11/18/05	EPA 310.2M	
Chloride	845	12.5	"	25	EK51609	11/15/05	11/16/05	EPA 300.0	
Total Dissolved Solids	1920	5.00	"	1	EK51604	11/14/05	11/15/05	EPA 160.1	
Sulfate	161	12.5	"	25	EK51609	11/15/05	11/16/05	EPA 300.0	
Monitor Well #4 (5K10008-04) Water									
Total Alkalinity	104	4.00	mg/L	2	EK51814	11/18/05	11/18/05	EPA 310.2M	
Chloride	1510	25.0	"	50	EK51609	11/15/05	11/16/05	EPA 300.0	
Total Dissolved Solids	4020	5.00	"	1	EK51604	11/14/05	11/15/05	EPA 160.1	
Sulfate	413	25.0	"	50	EK51609	11/15/05	11/16/05	EPA 300.0	

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

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

Fax: (505) 397-1471

Reported:
11/18/05 17:10

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1 (5K10008-01) Water									
Calcium	111	0.500	mg/L	50	EK51606	11/15/05	11/15/05	EPA 6010B	
Magnesium	74.4	0.0500	"	"	"	"	"	"	
Potassium	9.85	0.500	"	10	"	"	"	"	
Sodium	163	0.500	"	50	"	"	"	"	
Monitor Well #2 (5K10008-02) Water									
Calcium	2610	10.0	mg/L	1000	EK51606	11/15/05	11/15/05	EPA 6010B	
Magnesium	995	0.200	"	200	"	"	"	"	
Potassium	114	2.50	"	50	"	"	"	"	
Sodium	5500	50.0	"	5000	"	"	"	"	
Monitor Well #3 (5K10008-03) Water									
Calcium	144	0.500	mg/L	50	EK51606	11/15/05	11/15/05	EPA 6010B	
Magnesium	110	0.0500	"	"	"	"	"	"	
Potassium	12.9	0.500	"	10	"	"	"	"	
Sodium	139	0.500	"	50	"	"	"	"	
Monitor Well #4 (5K10008-04) Water									
Calcium	370	0.500	mg/L	50	EK51606	11/15/05	11/15/05	EPA 6010B	
Magnesium	232	0.0500	"	"	"	"	"	"	
Potassium	18.5	0.500	"	10	"	"	"	"	
Sodium	236	2.00	"	200	"	"	"	"	

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

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

Fax: (505) 397-1471

Reported:
11/18/05 17:10

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
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Batch EK51108 - EPA 5030C (GC)

Blank (EK51108-BLK1)

Prepared: 11/11/05 Analyzed: 11/13/05

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	0.0342		"	0.0400		85.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.0321		"	0.0400		80.2	80-120			

LCS (EK51108-BS1)

Prepared: 11/11/05 Analyzed: 11/13/05

Benzene	0.0522	0.00100	mg/L	0.0500		104	80-120			
Toluene	0.0550	0.00100	"	0.0500		110	80-120			
Ethylbenzene	0.0546	0.00100	"	0.0500		109	80-120			
Xylene (p/m)	0.0998	0.00100	"	0.100		99.8	80-120			
Xylene (o)	0.0549	0.00100	"	0.0500		110	80-120			
Surrogate: a,a,a-Trifluorotoluene	0.0354		"	0.0400		88.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.0370		"	0.0400		92.5	80-120			

Calibration Check (EK51108-CCV1)

Prepared: 11/11/05 Analyzed: 11/14/05

Benzene	47.8		ug/l	50.0		95.6	80-120			
Toluene	49.4		"	50.0		98.8	80-120			
Ethylbenzene	48.6		"	50.0		97.2	80-120			
Xylene (p/m)	88.7		"	100		88.7	80-120			
Xylene (o)	49.8		"	50.0		99.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	0.0331		mg/L	0.0400		82.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.0360		"	0.0400		90.0	80-120			

Matrix Spike (EK51108-MS1)

Source: 5K11009-01

Prepared: 11/11/05 Analyzed: 11/14/05

Benzene	0.0485	0.00100	mg/L	0.0500	ND	97.0	80-120			
Toluene	0.0496	0.00100	"	0.0500	ND	99.2	80-120			
Ethylbenzene	0.0497	0.00100	"	0.0500	ND	99.4	80-120			
Xylene (p/m)	0.0896	0.00100	"	0.100	ND	89.6	80-120			
Xylene (o)	0.0508	0.00100	"	0.0500	ND	102	80-120			
Surrogate: a,a,a-Trifluorotoluene	0.0328		"	0.0400		82.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.0392		"	0.0400		98.0	80-120			

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

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

Fax: (505) 397-1471

Reported:
11/18/05 17:10

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
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Batch EK51108 - EPA 5030C (GC)

Matrix Spike Dup (EK51108-MSD1)

Source: 5K11009-01

Prepared: 11/11/05

Analyzed: 11/14/05

Benzene	0.0490	0.00100	mg/L	0.0500	ND	98.0	80-120	1.03	20	
Toluene	0.0514	0.00100	"	0.0500	ND	103	80-120	3.76	20	
Ethylbenzene	0.0514	0.00100	"	0.0500	ND	103	80-120	3.56	20	
Xylene (p/m)	0.0919	0.00100	"	0.100	ND	91.9	80-120	2.53	20	
Xylene (o)	0.0521	0.00100	"	0.0500	ND	104	80-120	1.94	20	
Surrogate: a,a,a-Trifluorotoluene	0.0321		"	0.0400		80.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.0408		"	0.0400		102	80-120			

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

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

Fax: (505) 397-1471

Reported:
11/18/05 17:10

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
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Batch EK51604 - General Preparation (WetChem)

Blank (EK51604-BLK1) Prepared: 11/14/05 Analyzed: 11/15/05

Total Dissolved Solids ND 5.00 mg/L

Duplicate (EK51604-DUP1) Source: 5K10007-01 Prepared: 11/14/05 Analyzed: 11/15/05

Total Dissolved Solids 1060 5.00 mg/L 1020 3.85 5

Batch EK51609 - General Preparation (WetChem)

Blank (EK51609-BLK1) Prepared: 11/15/05 Analyzed: 11/16/05

Sulfate ND 0.500 mg/L

Chloride ND 0.500 "

LCS (EK51609-BS1) Prepared: 11/15/05 Analyzed: 11/16/05

Chloride 8.47 mg/L 10.0 84.7 80-120

Sulfate 9.44 " 10.0 94.4 80-120

Calibration Check (EK51609-CCV1) Prepared: 11/15/05 Analyzed: 11/16/05

Sulfate 9.63 mg/L 10.0 96.3 80-120

Chloride 8.39 " 10.0 83.9 80-120

Duplicate (EK51609-DUP1) Source: 5K10007-01 Prepared: 11/15/05 Analyzed: 11/16/05

Sulfate 194 10.0 mg/L 197 1.53 20

Chloride 228 10.0 " 233 2.17 20

Batch EK51814 - General Preparation (WetChem)

Blank (EK51814-BLK1) Prepared & Analyzed: 11/18/05

Total Alkalinity ND 2.00 mg/L

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

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

Fax: (505) 397-1471

Reported:
11/18/05 17:10

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
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Batch EK51814 - General Preparation (WetChem)

Duplicate (EK51814-DUP1)

Source: 5K10007-01

Prepared & Analyzed: 11/18/05

Total Alkalinity	166	4.00	mg/L		168			1.20	20	
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Reference (EK51814-SRM1)

Prepared & Analyzed: 11/18/05

Bicarbonate Alkalinity	229		mg/L	200		114	80-120			
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Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

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

Fax: (505) 397-1471

Reported:
11/18/05 17:10

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
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Batch EK51606 - 6010B/No Digestion

Blank (EK51606-BLK1)

Prepared & Analyzed: 11/15/05

Calcium	ND	0.0100	mg/L							
Magnesium	ND	0.00100	"							
Potassium	ND	0.0500	"							
Sodium	ND	0.0100	"							

Calibration Check (EK51606-CCV1)

Prepared & Analyzed: 11/15/05

Calcium	1.85		mg/L	2.00		92.5	85-115			
Magnesium	1.91		"	2.00		95.5	85-115			
Potassium	2.01		"	2.00		100	85-115			
Sodium	1.83		"	2.00		91.5	85-115			

Duplicate (EK51606-DUP1)

Source: 5K10003-01

Prepared & Analyzed: 11/15/05

Calcium	73.5	0.100	mg/L		75.6			2.82	20	
Magnesium	39.0	0.0100	"		37.0			5.26	20	
Potassium	9.81	0.500	"		9.50			3.21	20	
Sodium	223	0.500	"		231			3.52	20	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 9 of 10

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

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

Fax: (505) 397-1471

Reported:
11/18/05 17:10

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:

11-18-05

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

**12600 West I-20 East
Odessa, Texas 79765**

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Kristin Farris Pope
kpriceswd@valornet.com

Project Name:

BD E-15 leak

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

[illegible]

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

Client: Rice Op.

Date/Time: 11/10/05 1:50

Order #: 5K1C008

Initials: CK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	-1.5 C
Shipping container/cooler in good condition?	☒	No	
Custody Seals intact on shipping container/cooler?	☒	No	Not present
Custody Seals intact on sample bottles?	☒	No	Not present
Chain of custody present?	☒	No	
Sample Instructions complete on Chain of Custody?	☒	No	
Chain of Custody signed when relinquished and received?	☒	No	
Chain of custody agrees with sample label(s)	☒	No	
Container labels legible and intact?	☒	No	
Sample Matrix and properties same as on chain of custody?	☒	No	
Samples in proper container/bottle?	☒	No	
Samples properly preserved?	☒	No	
Sample bottles intact?	☒	No	
Preservations documented on Chain of Custody?	☒	No	
Containers documented on Chain of Custody?	☒	No	
Sufficient sample amount for indicated test?	☒	No	
All samples received within sufficient hold time?	☒	No	
VOC samples have zero headspace?	☒	No	Not Applicable

Other observations:

Variance Documentation:

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

Corrective Action Taken:
