

1R - 495

REPORTS

DATE:

8-28-08

Hansen, Edward J., EMNRD

From: Savoie, Tony [tony.savoie@sug.com]
Sent: Thursday, August 28, 2008 6:42 AM
To: Hansen, Edward J., EMNRD
Subject: Red Byrd Monument
Attachments: 7f15011.pdf; 7f08022.pdf; 7f13018.pdf

We were calling this project #2007-019

We first responded to the release near the monitor well and collected samples at the point of release on 6/8/07

Samples were collected starting at 1 ft. below ground surface. Samples were also collected at 2', 3', 4', 5', 6', 8', 12', and 15'

These samples were collected as we were excavating the area around the monitor well. Reference lab ID 7F08022-01.

We returned and started excavating all of the black carbon discolored soil on 6/11/08.

The excavated soil was sampled for chlorides only on 6/12/07. Reference lab ID 7f13018.

The excavated area was sampled on 6/15/07. Bottom hole and sidewall samples were collected. Reference lab ID 7f15011

During the excavation of the area it was noted that we started digging into oily soil to the south and west side of the excavation.

Photos were taken as the obvious source point was from the south of the excavation where a repair had been made on a 6" crude oil pipeline.

These findings were shown to the landowner and discussed with the environmental personnel working for Plains.

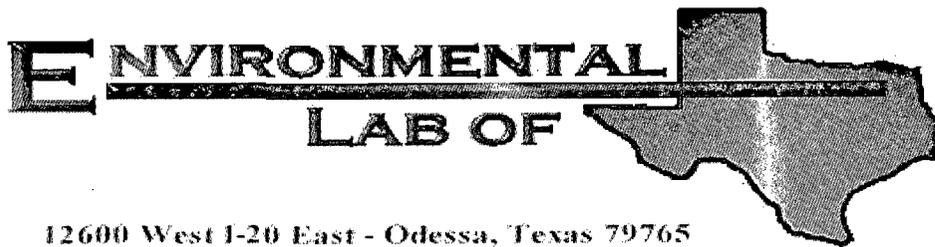
I have attached all of the lab tests.

Thanks,

Tony <<7f15011.pdf>> <<7f08022.pdf>> <<7f13018.pdf>>

Private and confidential as detailed [here](#). If you cannot access hyperlink, please e-mail sender.

This inbound email has been scanned by the MessageLabs Email Security System.



12600 West I-20 East - Odessa, Texas 79765

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Analytical Report

Prepared for:

Tony Savoie

Southern Union Gas Services- Jal

P.O. Box 1226

Jal, NM 88252

Project: Red Byrd 8"

Project Number: 2007-019

Location: Monument

Lab Order Number: 7F08022

Report Date: 06/12/07

Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: Red Byrd 8"
Project Number: 2007-019
Project Manager: Tony Savoic

Fax: 505-395-2326

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
3' E of MW @ 1'	7F08022-01	Soil	06/08/07 11:00	06-08-2007 17:00
3' E of MW @ 2'	7F08022-02	Soil	06/08/07 11:00	06-08-2007 17:00
3' E of MW @ 3'	7F08022-03	Soil	06/08/07 11:00	06-08-2007 17:00
3' E of MW @ 4'	7F08022-04	Soil	06/08/07 11:00	06-08-2007 17:00
3' E of MW @ 5'	7F08022-05	Soil	06/08/07 11:00	06-08-2007 17:00
3' E of MW @ 6'	7F08022-06	Soil	06/08/07 11:00	06-08-2007 17:00
3' E of MW @ 8'	7F08022-07	Soil	06/08/07 11:00	06-08-2007 17:00
3' E of MW @ 12'	7F08022-08	Soil	06/08/07 11:00	06-08-2007 17:00
3' N of MW @ 15'	7F08022-09	Soil	06/08/07 14:00	06-08-2007 17:00

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Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
3' E of MW @ 1' (7F08022-01) Soil									
Carbon Ranges C6-C12	103	10.0	mg/kg dry	1	EF71101	06/11/07	06/11/07	EPA 8015M	
Carbon Ranges C12-C28	62.4	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	165	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		128 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		90.4 %	70-130		"	"	"	"	
3' E of MW @ 2' (7F08022-02) Soil									
Carbon Ranges C6-C12	184	10.0	mg/kg dry	1	EF71101	06/11/07	06/11/07	EPA 8015M	
Carbon Ranges C12-C28	122	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	46.0	10.0	"	"	"	"	"	"	
Total Hydrocarbons	352	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		122 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		87.4 %	70-130		"	"	"	"	
3' E of MW @ 3' (7F08022-03) Soil									
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF71101	06/11/07	06/11/07	EPA 8015M	
Carbon Ranges C12-C28	44.4	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	44.4	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		107 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		81.6 %	70-130		"	"	"	"	
3' E of MW @ 4' (7F08022-04) Soil									
Carbon Ranges C6-C12	43.0	10.0	mg/kg dry	1	EF71101	06/11/07	06/11/07	EPA 8015M	
Carbon Ranges C12-C28	143	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	95.9	10.0	"	"	"	"	"	"	
Total Hydrocarbons	282	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		103 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		82.2 %	70-130		"	"	"	"	

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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3' E of MW @ 5' (7F08022-05) Soil

Carbon Ranges C6-C12	62.0	10.0	mg/kg dry	1	EF71101	06/11/07	06/11/07	EPA 8015M	
Carbon Ranges C12-C28	61.2	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	123	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		108 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		87.8 %	70-130		"	"	"	"	

3' E of MW @ 6' (7F08022-06) Soil

Benzene	ND	0.00200	mg/kg dry	2	EF70803	06/11/07	06/11/07	EPA 8021B	
Toluene	0.00228	0.00200	"	"	"	"	"	"	
Ethylbenzene	0.0124	0.00200	"	"	"	"	"	"	
Xylene (p/m)	0.0311	0.00200	"	"	"	"	"	"	
Xylene (o)	0.0136	0.00200	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		79.2 %	75-125		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		84.4 %	75-125		"	"	"	"	
Carbon Ranges C6-C12	57.9	10.0	mg/kg dry	1	EF71101	06/11/07	06/11/07	EPA 8015M	
Carbon Ranges C12-C28	41.9	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	99.8	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		112 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		85.0 %	70-130		"	"	"	"	

3' E of MW @ 8' (7F08022-07) Soil

Carbon Ranges C6-C12	77.7	10.0	mg/kg dry	1	EF71101	06/11/07	06/11/07	EPA 8015M	
Carbon Ranges C12-C28	21.4	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	99.1	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		115 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		91.0 %	70-130		"	"	"	"	

Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: Red Byrd 8"
Project Number: 2007-019
Project Manager: Tony Savoie

Fax: 505-395-2326

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
3' E of MW @ 12' (7F08022-08) Soil									
Benzene	J [0.000776]	0.00200	mg/kg dry	2	EF70803	06/11/07	06/11/07	EPA 8021B	J
Toluene	0.0169	0.00200	"	"	"	"	"	"	
Ethylbenzene	0.0498	0.00200	"	"	"	"	"	"	
Xylene (p/m)	0.0964	0.00200	"	"	"	"	"	"	
Xylene (o)	0.0396	0.00200	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		84.6 %	75-125		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		118 %	75-125		"	"	"	"	
Carbon Ranges C6-C12	91.3	10.0	mg/kg dry	1	EF71101	06/11/07	06/11/07	EPA 8015M	
Carbon Ranges C12-C28	43.2	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	134	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		114 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		81.4 %	70-130		"	"	"	"	
3' N of MW @ 15' (7F08022-09) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EF70803	06/11/07	06/11/07	EPA 8021B	
Toluene	J [0.000932]	0.00200	"	"	"	"	"	"	J
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	J [0.00199]	0.00200	"	"	"	"	"	"	J
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		85.0 %	75-125		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		87.6 %	75-125		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF71101	06/11/07	06/11/07	EPA 8015M	
Carbon Ranges C12-C28	15.2	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	15.2	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		103 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		84.8 %	70-130		"	"	"	"	

Southern Union Gas Services- Jal
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Project: Red Byrd 8"
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Project Manager: Tony Savoic

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
3' E of MW @ 1' (7F08022-01) Soil									
% Moisture	4.5	0.1	%	1	EF71102	06/09/07	06/11/07	% calculation	
3' E of MW @ 2' (7F08022-02) Soil									
% Moisture	13.8	0.1	%	1	EF71102	06/09/07	06/11/07	% calculation	
3' E of MW @ 3' (7F08022-03) Soil									
% Moisture	10.4	0.1	%	1	EF71102	06/09/07	06/11/07	% calculation	
3' E of MW @ 4' (7F08022-04) Soil									
% Moisture	13.2	0.1	%	1	EF71102	06/09/07	06/11/07	% calculation	
3' E of MW @ 5' (7F08022-05) Soil									
% Moisture	12.9	0.1	%	1	EF71102	06/09/07	06/11/07	% calculation	
3' E of MW @ 6' (7F08022-06) Soil									
Chloride	978	20.0	mg/kg Wet	2	EF71105	06/11/07	06/11/07	SW 846 9253	
% Moisture	10.1	0.1	%	1	EF71102	06/09/07	06/11/07	% calculation	
3' E of MW @ 8' (7F08022-07) Soil									
% Moisture	13.8	0.1	%	1	EF71102	06/09/07	06/11/07	% calculation	
3' E of MW @ 12' (7F08022-08) Soil									
Chloride	1020	20.0	mg/kg Wet	2	EF71105	06/11/07	06/11/07	SW 846 9253	
% Moisture	16.7	0.1	%	1	EF71102	06/09/07	06/11/07	% calculation	
3' N of MW @ 15' (7F08022-09) Soil									
Chloride	681	20.0	mg/kg Wet	2	EF71105	06/11/07	06/11/07	SW 846 9253	
% Moisture	9.2	0.1	%	1	EF71102	06/09/07	06/11/07	% calculation	

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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
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Batch EF70803 - EPA 5030C (GC)

Blank (EF70803-BLK1)

Prepared & Analyzed: 06/08/07

Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00100	"							
Xylene (o)	ND	0.00100	"							
Surrogate: a,a,a-Trifluorotoluene	49.0		ug/kg	50.0		98.0	75-125			
Surrogate: 4-Bromofluorobenzene	41.6		"	50.0		83.2	75-125			

LCS (EF70803-BS1)

Prepared & Analyzed: 06/08/07

Benzene	0.0496	0.00100	mg/kg wet	0.0500		99.2	80-120			
Toluene	0.0500	0.00100	"	0.0500		100	80-120			
Ethylbenzene	0.0480	0.00100	"	0.0500		96.0	80-120			
Xylene (p/m)	0.0929	0.00100	"	0.100		92.9	80-120			
Xylene (o)	0.0501	0.00100	"	0.0500		100	80-120			
Surrogate: a,a,a-Trifluorotoluene	52.6		ug/kg	50.0		105	75-125			
Surrogate: 4-Bromofluorobenzene	45.0		"	50.0		90.0	75-125			

Calibration Check (EF70803-CCV1)

Prepared & Analyzed: 06/08/07

Benzene	0.0549		mg/kg wet	0.0500		110	80-120			
Toluene	0.0541		"	0.0500		108	80-120			
Ethylbenzene	0.0517		"	0.0500		103	80-120			
Xylene (p/m)	0.0970		"	0.100		97.0	80-120			
Xylene (o)	0.0542		"	0.0500		108	80-120			
Surrogate: a,a,a-Trifluorotoluene	53.0		ug/kg	50.0		106	75-125			
Surrogate: 4-Bromofluorobenzene	49.6		"	50.0		99.2	75-125			

Matrix Spike (EF70803-MS1)

Source: 7F06028-01

Prepared & Analyzed: 06/08/07

Benzene	0.0973	0.00200	mg/kg dry	0.104	ND	93.6	80-120			
Toluene	0.0961	0.00200	"	0.104	ND	92.4	80-120			
Ethylbenzene	0.0905	0.00200	"	0.104	ND	87.0	80-120			
Xylene (p/m)	0.172	0.00200	"	0.207	ND	83.1	80-120			
Xylene (o)	0.0958	0.00200	"	0.104	ND	92.1	80-120			
Surrogate: a,a,a-Trifluorotoluene	41.7		ug/kg	50.0		83.4	75-125			
Surrogate: 4-Bromofluorobenzene	40.8		"	50.0		81.6	75-125			

Environmental Lab of Texas

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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
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Batch EF70803 - EPA 5030C (GC)

Matrix Spike Dup (EF70803-MSD1)

Source: 7F06028-01

Prepared & Analyzed: 06/08/07

Benzene	0.101	0.00200	mg/kg dry	0.104	ND	97.1	80-120	3.67	20	
Toluene	0.101	0.00200	"	0.104	ND	97.1	80-120	4.96	20	
Ethylbenzene	0.0988	0.00200	"	0.104	ND	95.0	80-120	8.79	20	
Xylene (p/m)	0.179	0.00200	"	0.207	ND	86.5	80-120	4.01	20	
Xylene (o)	0.0999	0.00200	"	0.104	ND	96.1	80-120	4.25	20	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	45.5		ug/kg	50.0		91.0	75-125			
<i>Surrogate: 4-Bromofluorobenzene</i>	44.0		"	50.0		88.0	75-125			

Batch EF71101 - Solvent Extraction (GC)

Blank (EF71101-BLK1)

Prepared & Analyzed: 06/11/07

Carbon Ranges C6-C12	ND	10.0	mg/kg wet							
Carbon Ranges C12-C28	ND	10.0	"							
Carbon Ranges C28-C35	ND	10.0	"							
Total Hydrocarbons	ND	10.0	"							
<i>Surrogate: 1-Chlorooctane</i>	54.4		mg/kg	50.0		109	70-130			
<i>Surrogate: 1-Chlorooctadecane</i>	37.7		"	50.0		75.4	70-130			

LCS (EF71101-BS1)

Prepared & Analyzed: 06/11/07

Carbon Ranges C6-C12	566	10.0	mg/kg wet	500		113	75-125			
Carbon Ranges C12-C28	393	10.0	"	500		78.6	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00			75-125			
Total Hydrocarbons	959	10.0	"	1000		95.9	75-125			
<i>Surrogate: 1-Chlorooctane</i>	57.7		mg/kg	50.0		115	70-130			
<i>Surrogate: 1-Chlorooctadecane</i>	43.9		"	50.0		87.8	70-130			

Matrix Spike (EF71101-MS1)

Source: 7F08022-01

Prepared & Analyzed: 06/11/07

Carbon Ranges C6-C12	667	10.0	mg/kg dry	524	103	108	75-125			
Carbon Ranges C12-C28	666	10.0	"	524	62.4	115	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125			
Total Hydrocarbons	1330	10.0	"	1050	165	111	75-125			
<i>Surrogate: 1-Chlorooctane</i>	55.6		mg/kg	50.0		111	70-130			
<i>Surrogate: 1-Chlorooctadecane</i>	38.6		"	50.0		77.2	70-130			

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Project Number: 2007-019
Project Manager: Tony Savoic

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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 EF71102 - General Preparation (Prep)										
Blank (EF71102-BLK1)				Prepared: 06/09/07 Analyzed: 06/11/07						
% Solids	99.9		%							
Duplicate (EF71102-DUP1)				Source: 7F08022-01 Prepared: 06/09/07 Analyzed: 06/11/07						
% Solids	95.4		%		95.5			0.105	20	
Duplicate (EF71102-DUP2)				Source: 7F08008-05 Prepared: 06/08/07 Analyzed: 06/09/07						
% Solids	95.5		%		95.1			0.420	20	
Batch EF71105 - General Preparation (WetChem)										
Blank (EF71105-BLK1)				Prepared & Analyzed: 06/11/07						
Chloride	ND	20.0	mg/kg Wet							
LCS (EF71105-BS1)				Prepared & Analyzed: 06/11/07						
Chloride	95.7	10.0	mg/kg Wet	100		95.7	80-120			
Matrix Spike (EF71105-MS1)				Source: 7F06023-02 Prepared & Analyzed: 06/11/07						
Chloride	542	20.0	mg/kg Wet	500	170	74.4	80-120			QM-10
Matrix Spike Dup (EF71105-MSD1)				Source: 7F06023-02 Prepared & Analyzed: 06/11/07						
Chloride	542	20.0	mg/kg Wet	500	170	74.4	80-120	0.00	20	QM-10
Reference (EF71105-SRM1)				Prepared & Analyzed: 06/11/07						
Chloride	53.2	10.0	mg/kg Wet	50.0		106	80-120			

8

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Page 8 of 9

Notes and Definitions

QM-10 LCS/LCSD were analyzed in place of MS/MSD.

J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By: _____



Date: 6/12/2007

Brent Barron, Laboratory Director/Corp. Technical Director
Celey D. Keene, Org. Tech Director
Raland K. Tuttle, Laboratory Consultant

James Mathis, QA/QC Officer
Jeanne Mc Murrey, Inorg. Tech Director

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

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Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Contact: S. U. G. S. - Jal
 Date/ Time: 6-8-07 17:00
 ID #: 7F08022
 Initials: AL

Sample Receipt Checklist

				Client Initials
Temperature of container/ cooler?	<u>Yes</u>	No	2.5 °C	
Shipping container 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/ container?	<u>Yes</u>	No	Not Present	
Chain of Custody present?	<u>Yes</u>	No		
Sample instructions complete of Chain of Custody?	<u>Yes</u>	No		
Chain of Custody signed when relinquished/ received?	<u>Yes</u>	No		
Chain of Custody agrees with sample label(s)?	<u>Yes</u>	No	ID written on Cont./ Lid	
Container label(s) legible and intact?	<u>Yes</u>	No	Not Applicable	
0 Sample matrix/ properties agree with Chain of Custody?	<u>Yes</u>	No		
1 Containers supplied by EL0T?	<u>Yes</u>	No		
2 Samples in proper container/ bottle?	<u>Yes</u>	No	See Below	
3 Samples properly preserved?	<u>Yes</u>	No	See Below	
4 Sample bottles intact?	<u>Yes</u>	No		
5 Preservations documented on Chain of Custody?	<u>Yes</u>	No		
6 Containers documented on Chain of Custody?	<u>Yes</u>	No		
7 Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No	See Below	
8 All samples received within sufficient hold time?	<u>Yes</u>	No	See Below	
9 Subcontract of sample(s)?	Yes	No	<u>Not Applicable</u>	
0 VOC samples have zero headspace?	<u>Yes</u>	No	Not Applicable	

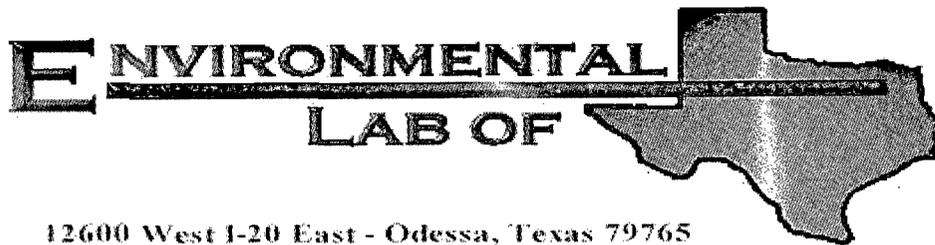
Variance Documentation

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



12600 West I-20 East - Odessa, Texas 79765

A Xenco Laboratories Company

Analytical Report

Prepared for:

Tony Savoie

Southern Union Gas Services- Jal

P.O. Box 1226

Jal, NM 88252

Project: Red Byrd 8"

Project Number: 2007-019

Location: Monument

Lab Order Number: 7F13018

Report Date: 06/18/07

Southern Union Gas Services- Jal

Project: Red Byrd 8"

Fax: 505-395-2326

P.O. Box 1226

Project Number: 2007-019

Jal NM, 88252

Project Manager: Tony Savoic

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-Comp.	7F13018-01	Soil	06/12/07 16:25	06-13-2007 10:48

Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: Red Byrd 8"
Project Number: 2007-019
Project Manager: Tony Savoic

Fax: 505-395-2326

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-Comp. (7F13018-01) Soil									
Chloride	383	5.00	mg/L	1	EF71517	06/15/07	06/15/07	SW846-9253	

Environmental Lab of Texas

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Page 2 of 4

Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: Red Byrd 8"
Project Number: 2007-019
Project Manager: Tony Savoie

Fax: 505-395-2326

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 EF71517 - General Preparation (WetChem)										
Blank (EF71517-BLK1) Prepared & Analyzed: 06/15/07										
Chloride	0.00	5.00	mg/L							
LCS (EF71517-BS1) Prepared & Analyzed: 06/15/07										
Chloride	94.7	5.00	mg/L	100		94.7	80-120			
Matrix Spike (EF71517-MS1) Source: 7F13011-03 Prepared & Analyzed: 06/15/07										
Chloride	468	5.00	mg/L	500	42.5	85.1	80-120			
Matrix Spike Dup (EF71517-MSD1) Source: 7F13011-03 Prepared & Analyzed: 06/15/07										
Chloride	468	5.00	mg/L	500	42.5	85.1	80-120	0.00	20	
Reference (EF71517-SRM1) Prepared & Analyzed: 06/15/07										
Chloride	53.2	5.00	mg/L	50.0		106	80-120			

Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: Red Byrd 8"
Project Number: 2007-019
Project Manager: Tony Savoic

Fax: 505-395-2326

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:

6/18/2007

Brent Barron, Laboratory Director/Corp. Technical Director
Celey D. Keene, Org. Tech Director
Raland K. Tuttle, Laboratory Consultant

James Mathis, QA/QC Officer
Jeanne Mc Murrey, Inorg. Tech Director

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Environmental Lab of Texas

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Page 4 of 4

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: S.U.G.S. - Jal
 Date/ Time: 6.13.07 10:48
 Lab ID #: 7F13018
 Initials: al

Sample Receipt Checklist

Client Initials

#	Question	Yes	No	Notes	Client Initials
#1	Temperature of container/ cooler?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2.5 °C	
#2	Shipping container in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#3	Custody Seals intact on shipping container/ cooler?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not Present	
#4	Custody Seals intact on sample bottles/ container?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not Present	
#5	Chain of Custody present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#6	Sample instructions complete of Chain of Custody?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#7	Chain of Custody signed when relinquished/ received?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#8	Chain of Custody agrees with sample label(s)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ID written on Cont./ Lid	
#9	Container label(s) legible and intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not Applicable	
#10	Sample matrix/ properties agree with Chain of Custody?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#11	Containers supplied by ELOT?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#12	Samples in proper container/ bottle?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Below	
#13	Samples properly preserved?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Below	
#14	Sample bottles intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#15	Preservations documented on Chain of Custody?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#16	Containers documented on Chain of Custody?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#17	Sufficient sample amount for indicated test(s)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Below	
#18	All samples received within sufficient hold time?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Below	
#19	Subcontract of sample(s)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not Applicable	
#20	VOC samples have zero headspace?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not Applicable	

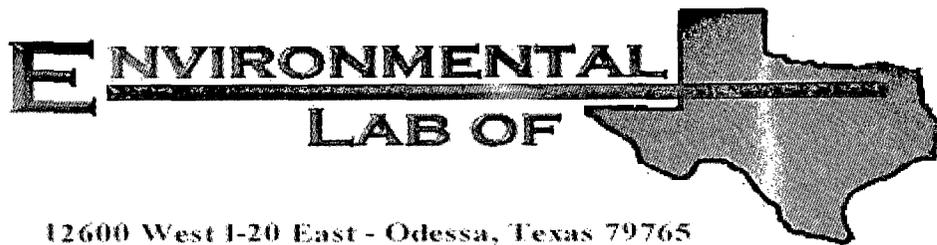
Variance Documentation

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



12600 West I-20 East - Odessa, Texas 79765

A Xenco Laboratories Company

Analytical Report

Prepared for:

Tony Savoie

Southern Union Gas Services- Jal

P.O. Box 1226

Jal, NM 88252

Project: Red Byrd 8"

Project Number: 2007-019

Location: Monument

Lab Order Number: 7F15011

Report Date: 06/22/07

Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: Red Byrd 8"
Project Number: 2007-019
Project Manager: Tony Savoic

Fax: 505-395-2326

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
P.R. @ 15'	7F15011-01	Soil	06/15/07 10:30	06-15-2007 15:16
EW-Comp.	7F15011-02	Soil	06/15/07 10:30	06-15-2007 15:16
WW-Comp.	7F15011-03	Soil	06/15/07 10:30	06-15-2007 15:16
NW-Comp.	7F15011-04	Soil	06/15/07 10:30	06-15-2007 15:16
B-Comp.	7F15011-05	Soil	06/15/07 10:30	06-15-2007 15:16

Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: Red Byrd 8"
Project Number: 2007-019
Project Manager: Tony Savoie

Fax: 505-395-2326

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
P.R. @ 15' (7F15011-01) Soil									
Benzene	26.5	0.200	mg/kg dry	200	EF72011	06/20/07	06/20/07	EPA 8021B	
Toluene	98.4	0.200	"	"	"	"	"	"	
Ethylbenzene	99.0	0.200	"	"	"	"	"	"	
Xylene (p/m)	183	0.200	"	"	"	"	"	"	
Xylene (o)	64.6	0.200	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		322 %		75-125	"	"	"	"	S-04
<i>Surrogate: 4-Bromofluorobenzene</i>		256 %		75-125	"	"	"	"	S-04
Carbon Ranges C6-C12	9310	50.0	mg/kg dry	5	EF71508	06/15/07	06/18/07	EPA 8015M	
Carbon Ranges C12-C28	201	50.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	50.0	"	"	"	"	"	"	
Total Hydrocarbons	9510	50.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		31.0 %		70-130	"	"	"	"	S-06
<i>Surrogate: 1-Chlorooctadecane</i>		20.0 %		70-130	"	"	"	"	S-06
EW-Comp. (7F15011-02) Soil									
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF71508	06/15/07	06/18/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		109 %		70-130	"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		111 %		70-130	"	"	"	"	
WW-Comp. (7F15011-03) Soil									
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF71508	06/15/07	06/18/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		80.6 %		70-130	"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		87.8 %		70-130	"	"	"	"	

Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: Red Byrd 8"
Project Number: 2007-019
Project Manager: Tony Savoic

Fax: 505-395-2326

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NW-Comp. (7F15011-04) Soil									
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF71508	06/15/07	06/18/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		86.6 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		97.4 %	70-130		"	"	"	"	
B-Comp. (7F15011-05) Soil									
Carbon Ranges C6-C12	306	10.0	mg/kg dry	1	EF72007	06/20/07	06/20/07	EPA 8015M	
Carbon Ranges C12-C28	1560	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	338	10.0	"	"	"	"	"	"	
Total Hydrocarbons	2200	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		90.8 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		86.0 %	70-130		"	"	"	"	

Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: Red Byrd 8"
Project Number: 2007-019
Project Manager: Tony Savoic

Fax: 505-395-2326

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
P.R. @ 15' (7F15011-01) Soil									
Chloride	539	10.0	mg/kg	20	EF72008	06/20/07	06/20/07	EPA 300.0	
% Moisture	10.6	0.1	%	1	EF71901	06/18/07	06/18/07	% calculation	
EW-Comp. (7F15011-02) Soil									
Chloride	1810	50.0	mg/kg	100	EF72008	06/20/07	06/20/07	EPA 300.0	
% Moisture	6.1	0.1	%	1	EF71901	06/18/07	06/18/07	% calculation	
WW-Comp. (7F15011-03) Soil									
Chloride	1840	25.0	mg/kg	50	EF72008	06/20/07	06/20/07	EPA 300.0	
% Moisture	8.1	0.1	%	1	EF71901	06/18/07	06/18/07	% calculation	
NW-Comp. (7F15011-04) Soil									
Chloride	903	20.0	mg/kg	40	EF72008	06/20/07	06/20/07	EPA 300.0	
% Moisture	6.6	0.1	%	1	EF71901	06/18/07	06/18/07	% calculation	
B-Comp. (7F15011-05) Soil									
Chloride	537	10.0	mg/kg	20	EF72008	06/20/07	06/20/07	EPA 300.0	
% Moisture	8.9	0.1	%	1	EF71901	06/18/07	06/18/07	% calculation	

Environmental Lab of Texas

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Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: Red Byrd 8"
Project Number: 2007-019
Project Manager: Tony Savoic

Fax: 505-395-2326

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 EF71508 - Solvent Extraction (GC)

Blank (EF71508-BLK1)

Prepared: 06/15/07 Analyzed: 06/18/07

Carbon Ranges C6-C12	ND	10.0	mg/kg wet							
Carbon Ranges C12-C28	ND	10.0	"							
Carbon Ranges C28-C35	ND	10.0	"							
Total Hydrocarbons	ND	10.0	"							
Surrogate: 1-Chlorooctane	46.5		mg/kg	50.0		93.0	70-130			
Surrogate: 1-Chlorooctadecane	46.9		"	50.0		93.8	70-130			

LCS (EF71508-BS1)

Prepared: 06/15/07 Analyzed: 06/18/07

Carbon Ranges C6-C12	617	10.0	mg/kg wet	500		123	75-125			
Carbon Ranges C12-C28	548	10.0	"	500		110	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00			75-125			
Total Hydrocarbons	1160	10.0	"	1000		116	75-125			
Surrogate: 1-Chlorooctane	59.1		mg/kg	50.0		118	70-130			
Surrogate: 1-Chlorooctadecane	55.9		"	50.0		112	70-130			

Calibration Check (EF71508-CCV1)

Prepared: 06/15/07 Analyzed: 06/21/07

Carbon Ranges C6-C12	224		mg/kg	250		89.6	80-120			
Carbon Ranges C12-C28	222		"	250		88.8	80-120			
Total Hydrocarbons	447		"	500		89.4	80-120			
Surrogate: 1-Chlorooctane	48.8		"	50.0		97.6	70-130			
Surrogate: 1-Chlorooctadecane	46.4		"	50.0		92.8	70-130			

Matrix Spike (EF71508-MS1)

Source: 7F14027-07

Prepared: 06/15/07 Analyzed: 06/20/07

Carbon Ranges C6-C12	691	10.0	mg/kg dry	633	ND	109	75-125			
Carbon Ranges C12-C28	574	10.0	"	633	ND	90.7	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125			
Total Hydrocarbons	1270	10.0	"	1270	ND	100	75-125			
Surrogate: 1-Chlorooctane	51.6		mg/kg	50.0		103	70-130			
Surrogate: 1-Chlorooctadecane	41.6		"	50.0		83.2	70-130			

Environmental Lab of Texas

A Xenco Laboratories Company

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Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: Red Byrd 8"
Project Number: 2007-019
Project Manager: Tony Savoie

Fax: 505-395-2326

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 EF71508 - Solvent Extraction (GC)

Matrix Spike Dup (EF71508-MSD1)

Source: 7F14027-07

Prepared: 06/15/07 Analyzed: 06/20/07

Carbon Ranges C6-C12	698	10.0	mg/kg dry	633	ND	110	75-125	0.913	20	
Carbon Ranges C12-C28	595	10.0	"	633	ND	94.0	75-125	3.57	20	
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125		20	
Total Hydrocarbons	1290	10.0	"	1270	ND	102	75-125	1.98	20	
Surrogate: 1-Chlorooctane	52.6		mg/kg	50.0		105	70-130			
Surrogate: 1-Chlorooctadecane	43.7		"	50.0		87.4	70-130			

Batch EF72007 - Solvent Extraction (GC)

Blank (EF72007-BLK1)

Prepared & Analyzed: 06/20/07

Carbon Ranges C6-C12	ND	10.0	mg/kg wet							
Carbon Ranges C12-C28	ND	10.0	"							
Carbon Ranges C28-C35	ND	10.0	"							
Total Hydrocarbons	ND	10.0	"							
Surrogate: 1-Chlorooctane	43.9		mg/kg	50.0		87.8	70-130			
Surrogate: 1-Chlorooctadecane	41.1		"	50.0		82.2	70-130			

LCS (EF72007-BS1)

Prepared & Analyzed: 06/20/07

Carbon Ranges C6-C12	568	10.0	mg/kg wet	500		114	75-125			
Carbon Ranges C12-C28	479	10.0	"	500		95.8	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00			75-125			
Total Hydrocarbons	1050	10.0	"	1000		105	75-125			
Surrogate: 1-Chlorooctane	50.6		mg/kg	50.0		101	70-130			
Surrogate: 1-Chlorooctadecane	41.9		"	50.0		83.8	70-130			

Calibration Check (EF72007-CCV1)

Prepared & Analyzed: 06/20/07

Carbon Ranges C6-C12	216		mg/kg	250		86.4	80-120			
Carbon Ranges C12-C28	232		"	250		92.8	80-120			
Total Hydrocarbons	448		"	500		89.6	80-120			
Surrogate: 1-Chlorooctane	49.8		"	50.0		99.6	70-130			
Surrogate: 1-Chlorooctadecane	44.8		"	50.0		89.6	70-130			

Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: Red Byrd 8"
Project Number: 2007-019
Project Manager: Tony Savoic

Fax: 505-395-2326

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 EF72007 - Solvent Extraction (GC)

Matrix Spike (EF72007-MS1)

Source: 7F15012-01

Prepared & Analyzed: 06/20/07

Carbon Ranges C6-C12	584	10.0	mg/kg dry	508	ND	115	75-125			
Carbon Ranges C12-C28	498	10.0	"	508	ND	98.0	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125			
Total Hydrocarbons	1080	10.0	"	1020	ND	106	75-125			
Surrogate: 1-Chlorooctane	53.5		mg/kg	50.0		107	70-130			
Surrogate: 1-Chlorooctadecane	45.5		"	50.0		91.0	70-130			

Matrix Spike Dup (EF72007-MSD1)

Source: 7F15012-01

Prepared & Analyzed: 06/20/07

Carbon Ranges C6-C12	579	10.0	mg/kg dry	508	ND	114	75-125	0.873	20	
Carbon Ranges C12-C28	500	10.0	"	508	ND	98.4	75-125	0.407	20	
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125		20	
Total Hydrocarbons	1080	10.0	"	1020	ND	106	75-125	0.00	20	
Surrogate: 1-Chlorooctane	49.9		mg/kg	50.0		99.8	70-130			
Surrogate: 1-Chlorooctadecane	42.6		"	50.0		85.2	70-130			

Batch EF72011 - EPA 5030C (GC)

Blank (EF72011-BLK1)

Prepared & Analyzed: 06/20/07

Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00100	"							
Xylene (o)	ND	0.00100	"							
Surrogate: a,a,a-Trifluorotoluene	48.0		ug/kg	50.0		96.0	75-125			
Surrogate: 4-Bromofluorobenzene	43.8		"	50.0		87.6	75-125			

LCS (EF72011-BS1)

Prepared & Analyzed: 06/20/07

Benzene	0.0421	0.00100	mg/kg wet	0.0500		84.2	80-120			
Toluene	0.0430	0.00100	"	0.0500		86.0	80-120			
Ethylbenzene	0.0459	0.00100	"	0.0500		91.8	80-120			
Xylene (p/m)	0.0807	0.00100	"	0.100		80.7	80-120			
Xylene (o)	0.0450	0.00100	"	0.0500		90.0	80-120			
Surrogate: a,a,a-Trifluorotoluene	48.0		ug/kg	50.0		96.0	75-125			
Surrogate: 4-Bromofluorobenzene	47.1		"	50.0		94.2	75-125			

Environmental Lab of Texas

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Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: Red Byrd 8"
Project Number: 2007-019
Project Manager: Tony Savoic

Fax: 505-395-2326

**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 EF72011 - EPA 5030C (GC)

Calibration Check (EF72011-CCV1)

Prepared: 06/20/07 Analyzed: 06/21/07

Benzene	0.0474		mg/kg wet	0.0500		94.8	80-120			
Toluene	0.0477		"	0.0500		95.4	80-120			
Ethylbenzene	0.0470		"	0.0500		94.0	80-120			
Xylene (p/m)	0.0853		"	0.100		85.3	80-120			
Xylene (o)	0.0488		"	0.0500		97.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	48.3		ug/kg	50.0		96.6	75-125			
Surrogate: 4-Bromofluorobenzene	46.3		"	50.0		92.6	75-125			

Matrix Spike (EF72011-MS1)

Source: 7F20001-01

Prepared: 06/20/07 Analyzed: 06/21/07

Benzene	0.0982	0.00200	mg/kg dry	0.110	ND	89.3	80-120			
Toluene	0.102	0.00200	"	0.110	ND	92.7	80-120			
Ethylbenzene	0.107	0.00200	"	0.110	ND	97.3	80-120			
Xylene (p/m)	0.186	0.00200	"	0.220	ND	84.5	80-120			
Xylene (o)	0.105	0.00200	"	0.110	ND	95.5	80-120			
Surrogate: a,a,a-Trifluorotoluene	39.2		ug/kg	50.0		78.4	75-125			
Surrogate: 4-Bromofluorobenzene	42.1		"	50.0		84.2	75-125			

Matrix Spike Dup (EF72011-MSD1)

Source: 7F20001-01

Prepared: 06/20/07 Analyzed: 06/21/07

Benzene	0.0891	0.00200	mg/kg dry	0.110	ND	81.0	80-120	9.75	20	
Toluene	0.0900	0.00200	"	0.110	ND	81.8	80-120	12.5	20	
Ethylbenzene	0.0952	0.00200	"	0.110	ND	86.5	80-120	11.8	20	
Xylene (p/m)	0.166	0.00200	"	0.220	ND	75.5	80-120	11.2	20	M8
Xylene (o)	0.0924	0.00200	"	0.110	ND	84.0	80-120	12.8	20	
Surrogate: a,a,a-Trifluorotoluene	44.6		ug/kg	50.0		89.2	75-125			
Surrogate: 4-Bromofluorobenzene	42.3		"	50.0		84.6	75-125			

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**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 EF71901 - General Preparation (Prep)										
Blank (EF71901-BLK1) Prepared & Analyzed: 06/18/07										
% Solids	100		%							
Duplicate (EF71901-DUP1) Source: 7F15011-01 Prepared & Analyzed: 06/18/07										
% Solids	88.9		%		89.4			0.561	20	
Duplicate (EF71901-DUP2) Source: 7F18001-01 Prepared & Analyzed: 06/18/07										
% Solids	90.3		%		91.3			1.10	20	
Batch EF72008 - General Preparation (WetChem)										
Blank (EF72008-BLK1) Prepared & Analyzed: 06/20/07										
Chloride	ND	0.500	mg/kg							
LCS (EF72008-BS1) Prepared & Analyzed: 06/20/07										
Chloride	9.70	0.500	mg/kg	10.0		97.0	80-120			
Calibration Check (EF72008-CCV1) Prepared & Analyzed: 06/20/07										
Chloride	10.3		mg/kg	10.0		103	80-120			
Duplicate (EF72008-DUP1) Source: 7F15011-05 Prepared & Analyzed: 06/20/07										
Chloride	526	10.0	mg/kg		537			2.07	20	
Matrix Spike (EF72008-MS1) Source: 7F15011-05 Prepared & Analyzed: 06/20/07										
Chloride	735	10.0	mg/kg	200	537	99.0	80-120			

Southern Union Gas Services- Jal
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Notes and Definitions

S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

M8 The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).

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:

6/22/2007

Brent Barron, Laboratory Director/Corp. Technical Director
Celey D. Keene, Org. Tech Director
Raland K. Tuttle, Laboratory Consultant

James Mathis, QA/QC Officer
Jeanne Mc Murrey, Inorg. Tech Director

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

Environmental Lab of Texas

A Xenco Laboratories Company

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Page 10 of 10

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: S.U.G.S. - Tel
 Date/ Time: 6-15-07 15:16
 Lab ID #: 7FISC11
 Initials: AL

Sample Receipt Checklist

Client Initials

Question	Yes	No	Notes	Client Initials
#1 Temperature of container/ cooler?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4.5 °C	
#2 Shipping container in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#3 Custody Seals intact on shipping container/ cooler?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not Present	
#4 Custody Seals intact on sample bottles/ container?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not Present	
#5 Chain of Custody present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#6 Sample instructions complete of Chain of Custody?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#7 Chain of Custody signed when relinquished/ received?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#8 Chain of Custody agrees with sample label(s)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ID written on Cont./ Lid	
#9 Container label(s) legible and intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not Applicable	
#10 Sample matrix/ properties agree with Chain of Custody?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#11 Containers supplied by ELOT?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#12 Samples in proper container/ bottle?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Below	
#13 Samples properly preserved?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Below	
#14 Sample bottles intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#15 Preservations documented on Chain of Custody?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#16 Containers documented on Chain of Custody?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
#17 Sufficient sample amount for indicated test(s)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Below	
#18 All samples received within sufficient hold time?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Below	
#19 Subcontract of sample(s)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not Applicable	
#20 VOC samples have zero headspace?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	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