

REPORTS

DATE:



Hansen, Edward J., EMNRD

From:	Savoie, Tony [tony.savoie@sug.com]
Sent:	Thursday, August 28, 2008 6:42 AM
То:	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.

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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

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

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	<u>_</u>	<u></u>							
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	"		"	n	"	м	
Carbon Ranges C28-C35	ND	10.0	н	"	11	"		н	
Total Hydrocarbons	165	10.0	11	"	"	"	"	11	
Surrogate: 1-Chlorooctane		128 %	70-13	0	"	"	"	"	_
Surrogate: 1-Chlorooctadecane		90.4 %	70-13	0	"	11	"	"	
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	n	91		"	"		
Carbon Ranges C28-C35	46.0	10.0	n	"		"	и	'n	
Total Hydrocarbons	352	10.0	"	n	"	u	и	*1	
Surrogate: 1-Chlorooctane		122 %	70-13	0	"	"	"	· "	
Surrogate: 1-Chlorooctadecane		87.4 %	70-13	0	"	"	IJ	"	
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	11	T	"	R		11	
Carbon Ranges C28-C35	ND	10.0	n	"	"	"	н	D	
Total Hydrocarbons	44.4	10.0	н	"	"	"	п	41	
Surrogate: 1-Chlorooctane		107 %	70-13	0	"	"	"	"	
Surrogate: 1-Chlorooctadecane		81.6%	70-13	0		"	"	"	
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	11	P	**		"	*1	
Carbon Ranges C28-C35	95.9	10.0	11	"	"	H.	н	н	
Total Hydrocarbons	282	10.0	и	"	*1	"	n	n	
Surrogate: 1-Chlorooctane		103 %	70-13	0	11	"	"	"	
Surrogate: 1-Chlorooctadecane		82.2 %	70-13	0	"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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	н	**		ч	н	0	
Carbon Ranges C28-C35	ND	10.0	n	n	н	"	*	"	
Total Hydrocarbons	123	10.0	"	"	*1	ч	н	"	
Surrogate: 1-Chlorooctane		108 %	70-1	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		87.8 %	70-1	30	"	"	"	"	

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	n	"	**	"	n	"	
Ethylbenzene	0.0124	0.00200	"	"	"	н	"	"	
Xylene (p/m)	0.0311	0.00200	11	н	"	11	n	"	
Xylene (o)	0.0136	0.00200	11	"	11	11	18	0	
Surrogate: a,a,a-Trifluorotoluene		79.2 %	. 75-125		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		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		"	**		н	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	н	н	
Total Hydrocarbons	99.8	10.0	"	"	"	"	11		
Surrogate: 1-Chlorooctane		112 %	70-130		u	"	"	"	
Surrogate: 1-Chlorooctadecane		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	**	"	11	17	"	u	
Carbon Ranges C28-C35	ND	. 10.0		**	11	"	"	17	
Total Hydrocarbons	99.1	10.0		н	"		۳.	*1	
Surrogate: 1-Chlorooctane		115 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		91.0 %	70-130		"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
3' E of MW @ 12' (7F08022-08) Soil	<u> </u>	<u></u>						,,,	<u> </u>
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	"	н	"	"	n	u	
Ethylbenzene	0.0498	0.00200	11	н	"	"	"	"	
Xylene (p/m)	0.0964	0.00200	н	0		"	н	"	
Xylene (0)	0.0396	0.00200	н	"	"	11	11	*1	
Surrogate: a,a,a-Trifluorotoluene		84.6 %	75-12	-5	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		118 %	75-12	5	"	"	"	"	
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	"	"	"	**	11		
Carbon Ranges C28-C35	ND	10.0	11	"	**	н	"	"	
Total Hydrocarbons	134	10.0	"	п	"	"	11	**	
Surrogate: 1-Chlorooctane		114 %	70-13	0	"	"	"	"	
Surrogate: 1-Chlorooctadecane		81.4 %	70-13	0	"	n	"	"	
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	н	"	"	"	"		J
Ethylbenzene	ND	0.00200	**	u.	"	"	"	"	
Xylene (p/m)	J [0.00199]	0.00200	n	"		11	0	"	J
Xylene (0)	ND	0.00200	"	н	"	"	u	"	

	11D	0.00200							
Surrogate: a,a,a-Trifluorotoluene		85.0 %	75-125		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		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	"	"	11	"	11	17	
Carbon Ranges C28-C35	ND	10.0		*1	u	"	"	"	
Total Hydrocarbons	15.2	10.0		"	"		"	**	
Surrogate: 1-Chlorooctane		103 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		84.8 %	70-130		"	"	n	"	

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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	%	-	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	%	I	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	Units	Spike	Source	%REC	%REC	RPD	RPD Limit	Notes
			Clins							
Batch EF70803 - EPA 5030C (GC)		<u> </u>				<u>.</u>				
Blank (EF70803-BLK1)				Prepared &	Analyzed:	06/08/07				
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	11							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00100	"							
Xylenc (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	н	0.100		92.9	80-120			
Xylene (0)	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 (0)	0.0542		н	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)	Sou	rce: 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	11	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	н	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			

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Organics by GC - Quality Control

Environmental Lab of Texas

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

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	11	0.104	ND	97.1	80-120	4.96	20	
Ethylbenzene	0.0988	0.00200	ч	0.104	ND	95.0	80-120	8.79	20	
Xylene (p/m)	0.179	0.00200	11	0.207	ND	86.5	80-120	4.01	20	
Xylene (o)	0.0999	0.00200	*1	0.104	ND	96.1	80-120	4.25	20	
Surrogate: a,a,a-Trifluorotoluene	45.5		ug/kg	50.0		91.0	75-125			
Surrogate: 4-Bromofluorobenzene	44.0		"	50.0		88.0	75-125			

Batch EF71101 - Solvent Extraction (GC)

Blank (EF71101-BLK1)				Prepared & Ana	lyzed: 06/11/07		
Carbon Ranges C6-C12	ND	10.0	mg/kg wet				 ····
Carbon Ranges C12-C28	ND	10.0	11				
Carbon Ranges C28-C35	ND	10.0	IR.				
Total Hydrocarbons	ND	10.0	0				
Surrogate: 1-Chlorooctane	54.4		mg/kg	50.0	109	70-130	
Surrogate: 1-Chlorooctadecane	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				
Surrogate: 1-Chlorooctane	57.7		mg/kg	50.0	115	70-130				
Surrogate: 1-Chlorooctadecane	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	n	524	62.4	115	75-125	
Carbon Ranges C28-C35	ND	10.0		0.00	ND		75-125	
Total Hydrocarbons	1330	10.0	11	1050	165	111	75-125	
Surrogate: 1-Chlorooctane	55.6		mg/kg	50.0		111	70-130	
Surrogate: 1-Chlorooctadecane	38.6		"	50.0		77.2	70-130	

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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	

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 (Pr	en)							<u></u>		
Blank (EF71102-BLK1)	<u>-</u>		<u> </u>	Prepared:	06/09/07 A	nalyzed: 06	5/11/07			
% Solids	99.9		%							
Duplicate (EF71102-DUP1)	Sou	rce: 7F08022	-01	Prepared:	06/09/07 A	nalyzed: 06	5/11/07			
% Solids	95.4		%		95.5			0.105	20	
Duplicate (EF71102-DUP2)	Sou	rce: 7F08008	-05	Prepared:	06/08/07 A	nalyzed: 06	5/09/07			
% Solids	95.5		%		95.1			0.420	20	
Batch EF71105 - General Preparation (W	etChem)				_					
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)	Sou	rce: 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)	Sou	rce: 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			

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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.

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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:

BrindBuron

6/12/2007

Date:

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

Variance/ Corrective Action Report- Sample Log-In

int:	S. U. G. S Jal
.e/ Time:	6.8-07 17:00
) ID # :	7F08022
alst	<u>a</u> L

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Sample Receipt Checklist

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

Variance Documentation

ontact:		Contacted by:		Date/ Time:	ga ang anang pang pang pang pang pang pa
agarding:					
prrective Action Taker	n:				
tan na manana manana manana manana ang sa karin di kara ng kang kang kang kang kang kang kang	gengagan palan kana kana di kanan dikabara di kabara	ana sana ang sana ang kasang sana ang s			
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heck all that Apply:		See attached e-mail/ fax Client understands and v	would like to proceed wi	ith analysis	

Client understands and would like to proceed with analysis Cooling process had begun shortly after sampling event



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: 2	2007-019	
Jal NM, 88252	Project Manager:	Tony Savoic	

ANALYTICAL REPORT FOR SAMPLES

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

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-

A Xenco Laboratories Company

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EF71517 - General Preparation (W	/etChem)					<u></u>				
Blank (EF71517-BLK1)				Prepared &	k Analyzed:	: 06/15/07				
Chloride	0.00	5.00	mg/L							
LCS (EF71517-BS1)				Prepared &	k Analyzed:	: 06/15/07				
Chloride	94.7	5.00	mg/L	100		94.7	80-120			
Matrix Spike (EF71517-MS1)	Sour	·ce: 7F13011-	03	Prepared &	2 Analyzed:	: 06/15/07				
Chloride	468	5.00	mg/L	500	42.5	85.1	80-120			
Matrix Spike Dup (EF71517-MSD1)	Sou	ce: 7F13011-	03	Prepared 8	& Analyzed:	: 06/15/07				
Chloride	468	5.00	mg/L	500	42.5	85.1	80-120	0.00	20	
Reference (EF71517-SRM1)				Prepared 8	k Analyzed:	: 06/15/07				
Chloride	53.2	5.00	mg/L	50.0		106	80-120			

Environmental Lab of Texas

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Notes and Definitions

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

Report Approved By:

Celey D. Keene, Org. Tech Director

Raland K. Tuttle, Laboratory Consultant

But Bunon

6/18/2007

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

Date:

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

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

Brent Barron, Laboratory Director/Corp. Technical Director

Environmental Lab of Texas

A Xenco Laboratories Company

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Environmental Lab of Texas

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Variance/ Corrective Action Report- Sample Log-In

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

Sample Receipt Checklist

Client Initials

#1	Temperature of container/ cooler?	tes	No	Z.5 °C
#2	Shipping container in good condition?	YES	No	
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present
#4	Custody Seals intact on sample bottles/ container?	Yes	No	Not Present
#5	Chain of Custody present?	XE8	No	
#6	Sample instructions complete of Chain of Custody?	(es	No	
#7	Chain of Custody signed when relinquished/ received?	Yes	No	
#8	Chain of Custody agrees with sample label(s)?	Yes	No	ID written on Cont./ Lid
#9	Container label(s) legible and intact?	ves l	No	Not Applicable
#10	Sample matrix/ properties agree with Chain of Custody?	Yes	No	
#11	Containers supplied by ELOT?	Yes	No	
#12	Samples in proper container/ bottle?	Yes	No	See Below
#13	Samples properly preserved?	Yes	No	See Below
#14	Sample bottles intact?	Yes	No	
#15	Preservations documented on Chain of Custody?	Yes	No	
#16	Containers documented on Chain of Custody?	Yes	No	
#17	Sufficient sample amount for indicated test(s)?	Yes	No	See Below
#18	All samples received within sufficient hold time?	Yes	No	See Below
#19	Subcontract of sample(s)?	Yes	No	Not Applicable
#20	VOC samples have zero headspace?	Yes	No	Net Applicable>

Variance Documentation

Contact:	 Contacted by:	Date/ Time:	
Regarding:	 		
	 ······································		
Corrective Action Taken:			
			•
Check all that Apply:	ee attached e-mail/ fax		

Client understands and would like to proceed with analysis

Cooling process had begun shortly after sampling event

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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

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

ANALYTICAL REPORT FOR SAMPLES

Sample IÐ	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

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Organics by GC

Environmental Lab of Texas

		Reporting							
	Result	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	*1		и	"	н	"	
Ethylbenzene	99.0	0.200		"	"	"	"	*5	
Xylene (p/m)	183	0.200	"	"	"	"	n	D	
Xylene (0)	64.6	0.200	*1	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		322 %	75-1	25	"	"	"	"	S-04
Surrogate: 4-Bromofluorobenzene		256 %	75-1	25	"	"	"	"	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	"	"		"	"	17	
Carbon Ranges C28-C35	ND	50.0	11		0	*1	14	11	
Total Hydrocarbons	9510	50.0		11	"	u	"	11	
Surrogate: 1-Chlorooctane		31.0 %	70-1	30	"	"	"	"	S-06
Surrogate: 1-Chlorooctadecane		20.0 %	70-1	30	"	n	"	"	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	"	0	17	"	19	н	
Carbon Ranges C28-C35	ND	10.0	"	0	"	"			
Total Hydrocarbons	ND	10.0	"	n	"		11	11	
Surrogate: 1-Chlorooctane		109 %	70-1	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		111 %	70-1	30	n	n		"	
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	. 0	n	11	"		н	
Carbon Ranges C28-C35	ND	10.0	"	"	н	u	н	н	
Total Hydrocarbons	ND	10.0	"	"	"	"		"	
Surrogate: 1-Chlorooctane		80.6 %	70-1	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		87.8%	70-1	30	"	"	п	"	

Environmental Lab of Texas

A Xenco Laboratories Company

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	11	"	**	11	11		
Carbon Ranges C28-C35	ND	10.0	11	н	"	n	"	"	
Total Hydrocarbons	ND	10.0	"	"		"	n	"	
Surrogate: 1-Chlorooctane		86.6 %	70-13	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		97.4 %	70-13	30	"	"	"	"	

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	**	11	"	"	"	"	
Carbon Ranges C28-C35	338	10.0	н	17	**	11	**	"	
Total Hydrocarbons	2200	10.0	**		n	11	"	"	
Surrogate: 1-Chlorooctane		90.8 %	70-13	10	"	ų .	"	"	
Surrogate: 1-Chlorooctadecane		86.0 %	70-13	0	"	"	"	"	

Environmental Lab of Texas

A Xenco Laboratories Company

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

		Reporting							
Analyte	Result	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

A Xenco Laboratories Company

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

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 A	nalyzed: 06	5/18/07			
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 A	nalyzed: 06	5/18/07			
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	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 A	nalyzed: 06	5/21/07			
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		н	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)	Sou	irce: 7F14027	7-07	Prepared:	06/15/07 A	nalyzed: 06	5/20/07			
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			

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Organics by GC - Quality Control

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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)	Sou	Prepared: (
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	н	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			ı
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			

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Organics by GC - Quality Control

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		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch EF72007 - Solvent Extraction (GC)

Matrix Spike (EF72007-MS1)	Sourc	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	п	0.00	ND		75-125			
Total Hydrocarbons	1080	10.0	w	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)	Sourc	e: 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	н	0.00	ND		75-125		20	
Total Hydrocarbons	1080	10.0	п	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 & Anal	yzed: 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 & Anal	yzed: 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 (0)	0.0450	0.00100	*1	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		

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Organics by GC - Quality Control

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		Reporting		Snike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EF72011 - EPA 5030C (GC)										
Calibration Check (EF72011-CCV1)				Prepared: ()6/20/07 A	nalyzed: 06	5/21/07			
Benzene	0.0474		mg/kg wet	0.0500		94.8	80-120			
Toluene	0.0477			0.0500		95.4	80-120			
Ethylbenzene	0.0470		n	0.0500		94.0	80-120			
Xylene (p/m)	0.0853		"	0.100		85.3	80-120			
Xylene (0)	0.0488		"	0.0500		97.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	48.3		ug/kg	50.0		96.6	75-125		<u> </u>	
Surrogate: 4-Bromofluorobenzene	46.3		"	50.0		92.6	75-125			
Matrix Spike (EF72011-MS1)	Sou	rce: 7F20001	-01	Prepared: (06/20/07 A	nalyzed: 06	5/21/07			
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	н	0.110	ND	97.3	80-120			
Xylene (p/m)	0.186	0.00200	"	0.220	ND	84.5	80-120			
Xylene (0)	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		u	50.0		84.2	75-125			
Matrix Spike Dup (EF72011-MSD1)	Sou	rce: 7F20001	-01	Prepared: (06/20/07 A	nalyzed: 06	5/21/07			
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	M
Xylene (o)	0.0924	0.00200	н	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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EF71901 - General Preparation (Prep)										
Blank (EF71901-BLK1)				Prepared &	Analyzed:	: 06/18/07				
% Solids	100		%							
Duplicate (EF71901-DUP1)	Sou	rce: 7F15011-	01	Prepared &	Analyzed:	06/18/07				
% Solids	88.9		%		89.4			0.561	20	
Duplicate (EF71901-DUP2)	Sou	rce: 7F18001-	01	Prepared &	λ Analyzed:	06/18/07				
% Solids	90.3		%		91.3			1.10	20	· · · · · ·
Batch EF72008 - General Preparation (WetCh	em)									
Blank (EF72008-BLK1)				Prepared &	λnalyzed:	: 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)	Sou	rce: 7F15011-	05	Prepared 8	Analyzed:	: 06/20/07				
Chloride	526	10.0	mg/kg		537			2.07	20	
Matrix Spike (EF72008-MS1)	Sou	rce: 7F15011-	05	Prepared 8	k Analyzed:	: 06/20/07				
Chloride	735	10.0	mg/kg	200	537	99.0	80-120			

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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

Flanon

Report Approved By:

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

6/22/2007

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

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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.

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Variance/ Corrective Action Report- Sample Log-In

Olient:	S. U.G.S Jal
Date/ Time.	61507 15:16
_ab ID # :	7FISCI
nitials:	GL

Sample Receipt Checklist

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

Variance Documentation

Contact:		_ Contacted by:	Date/ Time:							
Regarding:										
Corrective Action Taken:										
Check all that Apply:		See attached e-mail/ fax Client understands and would lik Cooling process had begun sho	e to proceed with analysis rtly after sampling event							