



December 18, 2006

Mr. Larry Johnson
Environmental Engineer
New Mexico Oil Conservation Division – District I
1625 North French Drive
Hobbs, New Mexico 88240

Re: 1RP-1048 Closure Request, Osborne 8" Pipeline Spill (Site #70), Targa Midstream Services, L.P., Unit Letter O (SW/4, SE/4), Section 35, Township 21 South, Range 37 East, Lea County, New Mexico

Dear Larry:

Per our discussion on Tuesday, December 12, 2006, this letter transmits the analytical results of confirmation soil samples and <u>final</u> C-141 for a natural gas pipeline spill (Site #70) that occurred in Unit O (SW/4, SE/4), Section 35, Township 21 South, Range 37 East, in Lea County, New Mexico. This information is submitted to the New Mexico Oil Conservation Division ("OCD") on behalf of Targa Midstream Services, L.P. ("TMS"), as successor to Dynegy Midstream Services, L.P., by Larson and Associates Inc. ("LA"), its consultant. The date and volume of the leak is not known, but TMS initiated remediation in November 2005. Remediation was completed in March 2006. The TMS pipeline crosses the Site from east to west and a Rice Operating Co. ("Rice") pipeline crosses the TMS pipeline near the leak. TMS detected a leak in the Rice pipeline during remediation of its leak. Rice repaired its leak and conducted soil remediation. LA submitted an initial report to the OCD on April 20, 2006. The Site is located at latitude north 32° 25' 45.00" and longitude west 103° 07' 56.8". Figure 1 presents a location, topographic and depth-to-ground water map. Contact information for TMS is as follows:

Contact: Mr. Cal Wrangham

Title: Senior Advisor

Targa Midstream Services, L.P.

Address: 6 Desta Drive, Suite 3200

Midland, Texas 79705

Telephone: (432) 688-0542

Fax: (432) 688-0552 Cell: (432) 425-7072

Email: <u>CWrangham@targaresources.com</u>

Ground water occurs at approximately sixty (60) feet below ground surface ("bgs") and no domestic or stock wells or surface water is located within 1,000 horizontal feet to the Site, therefore, the following recommended remediation ("RRAL") action levels are applicable for benzene, BTEX (sum of benzene, toluene, ethyl benzene and xylene) and TPH (total petroleum hydrocarbons):

Mr. Larry Johnson December 18, 2006 Page 2

 Benzene
 10 mg/Kg

 BTEX
 50 mg/Kg

 TPH
 1,000 mg/Kg

TMS excavated soil from the leak until the in-situ concentration of TPH was below the RRAL. Contaminated soil was hauled to the D & D Commercial Surface Waste Management facility located east of Eunice, New Mexico, which is permitted by the OCD to accept soil contaminated predominantly with petroleum hydrocarbons. Some over-burden and lightly contaminated soil was retained at the Site and blended until TPH was below the RRAL. Table 1 presents a summary of the remediation soil samples. Figure 2 presents a drawing showing the TMS excavation, Rice excavation and soil sample locations. Appendix A presents the laboratory reports.

Referring to Table 1, the in-situ concentration of TPH in the confirmation soil samples is below the RRAL, therefore, TMS requests approval from the OCD to close the excavation. The excavation will be filled with a mixture of the blended soil and clean soil. The final C-141 is presented in Appendix B. Please call Mr. Cal Wrangham with TMS at (432) 688-0542 or email cwrangham@targaresources.com. I may be reached with questions (432) 687-0901 or email mark@laenvinmental.com. Sincerely,

Larson and Associates, Inc.

Mark J. Larson, P.G., C.P.G., C.G.W.P. Sr. Project Manger / President

Encl.

cc: Cal Wrangham/TMS
Don Embrey/TMS
James Lingnau/TMS
Roger Holland/TMS

Table

1RP-1048 Table 1

Summary of Remediation Soil Samples

Unit O (SW/4, SE/4), Section 35, Township 21 S, Range 37 E Targa Midstream Services, L.P., Osborne 8" (Site #70)

Page 1 of 1 Chloride (mg/Kg) 345 176 419 575 575 7.16 16.1 16.1 784 577 843 843 1.510 1.510 12.1 2.44 577 (mg/Kg) C6-C35 <u>.</u>68 TPH >C12-C35 (mg/Kg) DRO **₹₹₹** 416 416 410 307 512 9 0<u>1</u>V mg/Kg) C6-C12 GRO 33.9 7.92 **<10** <10 12.8 9.23 <10 <10 (mdd) Lea County, New Mexico PB 0.0000 (Feet BGS) Depth 22022002 Excavated In-situ In-situ In-situ In-situ In-situ In-situ Status West / Center / Bottom West / South / Bottom East / Center / Bottom Wes / Center / Bottom East / North / Bottom West / East / Bottom East / Center / Bottom East / Center / Bottom West / North / Side East / South / Side West / North / Side West / West / Side East / South / Side West / South/ Side East / North / Side East / North / Side West / East / Side East / West / Side Location Spoil Spoil 01/04/2006 01/24/2006 01/04/2006 01/04/2006 1/18/2005 1/18/2005 1/18/2005 1/18/2005 1/18/2005 1/18/2005 01/04/2006 01/04/2006 01/04/2006 01/04/2006 02/24/2006 03/28/2006 500281/1 1/18/2005 11/18/2005 1/18/2005 Date Excavation Samples RRAL (mg/Kg): Sample SS-8 SS-9 SS-10 SS-11 SS-13 SS-14 SS-15 SS-15 SS-17 SS-17 SS-19 SS-12 SS-20 ile Sampl SS-21

Notes: Analysis performed by Environmental Lab of Texas, I. Ltd., Odessa, Texas

Sample depth in feet below ground surface BGS:

Total petroleum hydrocarbons (Sum of DRO + GRO) 2. TPH:

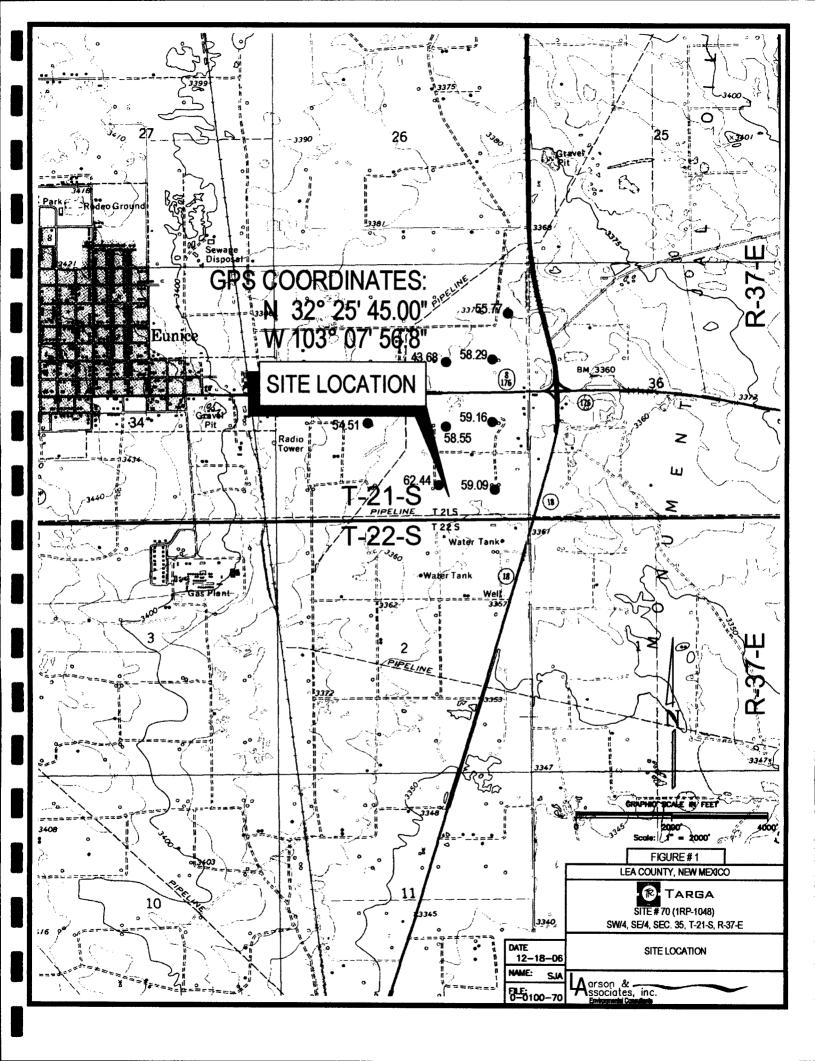
Milligrams per kilogram mg/Kg:

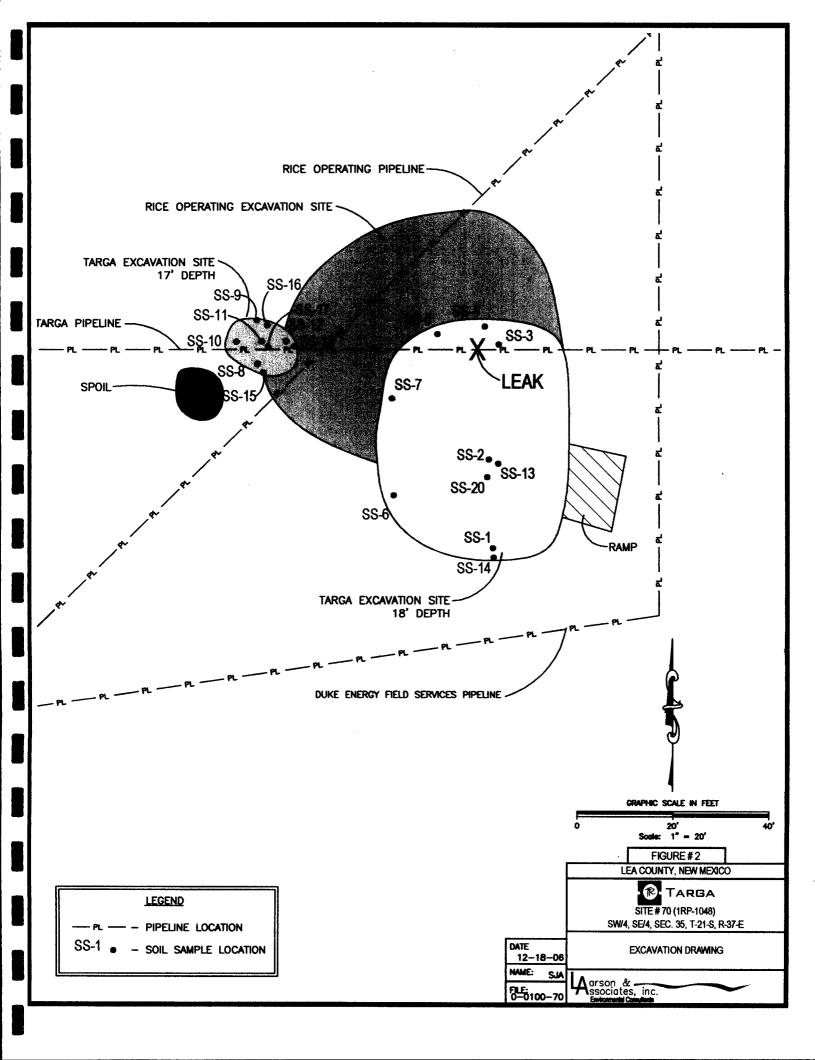
Below method detection limit

Photoionization detector Parts per million :wdd ÷ Ä

No data available

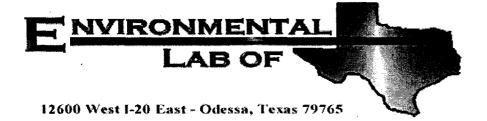
Figures





Appendix A

Laboratory Reports



Analytical Report

Prepared for:

Cindy Crain
Larson & Associates, Inc.
P.O. Box 50685
Midland, TX 79710

Project: Dynegy Site #70
Project Number: 0-0100-70
Location: None Given

Lab Order Number: 5K21009

Report Date: 11/30/05

P.O. Box 50685 Midland TX, 79710 Project: Dynegy Site #70

Project Number: 0-0100-70 Project Manager: Cindy Crain Fax: (432) 687-0456

Reported: 11/30/05 13:45

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-1	5K21009-01	Soil	11/18/05 10:10	11/21/05 13:40
SS-2	5K21009-02	Soil	11/18/05 10:12	11/21/05 13:40
SS-3	5K21009-03	Soil	11/18/05 10:14	11/21/05 13:40
SS-4	5K21009-04	Soil	11/18/05 10:20	11/21/05 13:40
SS-5	5K21009-05	Soil	11/18/05 10:23	11/21/05 13:40
SS-6	5K21009-06	Soil	11/18/05 10:25	11/21/05 13:40
SS-7	5K21009-07	Soil	11/18/05 10:30	11/21/05 13:40
SS-8	5K21009-08	Soil	11/18/05 10:32	11/21/05 13:40
SS-9	5K21009-09	Soil	11/18/05 10:35	11/21/05 13:40
SS-10	5K21009-10	Soil	11/18/05 10:38	11/21/05 13:40
SS-11	5K21009-11	Soil	11/18/05 10:40	11/21/05 13:40
SS-12	5K21009-12	Soil	11/18/05 10:42	11/21/05 13:40
Spoil	5K21009-13	Soil	11/18/05 10:45	11/21/05 13:40

Project: Dynegy Site #70
Project Number: 0-0100-70

Fax: (432) 687-0456

P.O. Box 50685 Midland TX, 79710

Project Number: 0-0100-70
Project Manager: Cindy Crain

Reported: 11/30/05 13:45

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-1 (5K21009-01) Soil									
Gasoline Range Organics C6-C12	16.9	10.0	mg/kg dry	1	EK52204	11/22/05	11/27/05	EPA 8015M	
Diesel Range Organics >C12-C35	1090	10.0	w .	•			•	•	
Total Hydrocarbon C6-C35	1110	10.0	11		*	*	+	•	
Surrogate: 1-Chlorooctane		94.2 %	70-13	0	"	"	"	"	
Surrogate: 1-Chlorooctadecane		119 %	70-13	0	n	"	"	"	
SS-2 (5K21009-02) Soil									
Gasoline Range Organics C6-C12	27.1	10.0	mg/kg dry	1	EK52204	11/22/05	11/27/05	EPA 8015M	
Diesel Range Organics >C12-C35	2640	10.0		*	*	#	*	#	
Total Hydrocarbon C6-C35	2670	10.0	н	*		п	*	н	
Surrogate: 1-Chlorooctane		118 %	70-13	0	"	"	"	"	
Surrogate: 1-Chlorooctadecane		166 %	70-13	0	"	*	"	"	S-06
SS-3 (5K21009-03) Soil				_					
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EK52204	11/22/05	11/27/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0		**				*	
Total Hydrocarbon C6-C35	ND	10.0	н	"	**		*	Ħ	
Surrogate: 1-Chlorooctane		129 %	70-13	10	"	"	"	,	
Surrogate: 1-Chlorooctadecane		122 %	70-13	80	"	"	n	N	
SS-4 (5K21009-04) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EK52204	11/22/05	11/29/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	*	*	•	•	я		
Total Hydrocarbon C6-C35	ND	10.0	*	•		,	*	n	
Surrogate: 1-Chlorooctane		83.6 %	70-13	80	#	"	"	n	
Surrogate: 1-Chlorooctadecane		76.2 %	70-13	80	"	,,	"	"	
SS-5 (5K21009-05) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EK52204	11/22/05	11/29/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0		*	#	•	•	*	
Total Hydrocarbon C6-C35	ND	10.0	H		я	•	*	n	
Surrogate: 1-Chlorooctane		93.6 %	70-13	30	"	п	н	*	
Surrogate: 1-Chlorooctadecane		94.2 %	70-13	30	"	#	"	**	

P.O. Box 50685 Midland TX, 79710 Project: Dynegy Site #70

Project Number: 0-0100-70 Project Manager: Cindy Crain Fax: (432) 687-0456

Reported: 11/30/05 13:45

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-6 (5K21009-06) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EK52204	11/22/05	11/28/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	•	*		•	•	•	
Total Hydrocarbon C6-C35	ND	10.0		*	•	•	•	*	
Surrogate: 1-Chlorooctane		97.0 %	70-13	0	,,	"	"	"	
Surrogate: 1-Chlorooctadecane		90.8 %	70-13	80	"	"	*	"	
SS-7 (5K21009-07) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EK52204	11/22/05	11/28/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	•	*		*	*	•	
Total Hydrocarbon C6-C35	ND	10.0		*	*	•	•	*	
Surrogate: 1-Chlorooctane		109 %	70-13	0	"	"	"	,	
Surrogate: 1-Chlorooctadecane		102 %	70-13	80	"	*	#	"	
SS-8 (5K21009-08) Soil									
Gasoline Range Organics C6-C12	33.9	10.0	mg/kg dry	1	EK52204	11/22/05	11/28/05	EPA 8015M	*
Diesel Range Organics >C12-C35	724	10.0	•			•	•	п	
Total Hydrocarbon C6-C35	758	10.0			*		*	н .	
Surrogate: 1-Chlorooctane		115 %	70-13	0	**	**	**	n	
Surrogate: 1-Chlorooctadecane		130 %	70-13	0	"	*	"	"	
SS-9 (5K21009-09) Soil									
Gasoline Range Organics C6-C12	J [7.92]	10.0	mg/kg dry	1	EK52204	11/22/05	11/28/05	EPA 8015M	
Diesel Range Organics >C12-C35	416	10.0		•	*		"	•	
Total Hydrocarbon C6-C35	416	10.0			н		#	*	
Surrogate: 1-Chlorooctane		97.4 %	70-13	0	"	"	*	"	
Surrogate: 1-Chlorooctadecane		106 %	70-13	0	n	"	"	#	
SS-10 (5K21009-10) Soil		<u> </u>				_			
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EK52204	11/22/05	11/28/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	•		•	H	•	#	
Total Hydrocarbon C6-C35	ND	10.0		"			*	*	
Surrogate: 1-Chlorooctane		106 %	70-13	0	"	,	*	"	
Surrogate: 1-Chlorooctadecane		106 %	70-13	0	"	"	,,	"	

Larson & Associates, Inc. P.O. Box 50685

Midland TX, 79710

Project: Dynegy Site #70
Project Number: 0-0100-70
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Fax: (432) 687-0456

Reported: 11/30/05 13:45

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-11 (5K21009-11) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EK52312	11/23/05	11/28/05	EPA 8015M	
Diesel Range Organics >C12-C35	307	10.0	*	*		*		*	
Total Hydrocarbon C6-C35	307	10.0	н	*	н		7		
Surrogate: 1-Chlorooctane		125 %	70-13	80	,,	"	π	"	
Surrogate: 1-Chlorooctadecane		146 %	70-13	30	"	"	н	"	S-04
SS-12 (5K21009-12) Soil									
Gasoline Range Organics C6-C12	12.8	10.0	mg/kg dry	1	EK52312	11/23/05	11/28/05	EPA 8015M	
Diesel Range Organics >C12-C35	825	10.0		я	•			•	
Total Hydrocarbon C6-C35	838	10.0	*						
Surrogate: 1-Chlorooctane		110 %	70-13	80	"	N	N	*	
Surrogate: 1-Chlorooctadecane		143 %	70-13	30	"	#	"	"	S-04
Spoil (5K21009-13) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	i	EK52312	11/28/05	11/29/05	EPA 8015M	
Diesel Range Organics >C12-C35	300	10.0		•	Ħ	•	•	*	
Total Hydrocarbon C6-C35	300	10.0	•	•	•		*		
Surrogate: 1-Chlorooctane		80.4 %	70-13	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		100 %	70-13	30	n	"	"	*	

Larson & Associates, Inc. P.O. Box 50685 Midland TX, 79710 Project Number: 0-0100-70
Project Manager: Cindy Crain

Fax: (432) 687-0456

Reported:
11/30/05 13:45

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

Analyte	Result	Reporting Limit	Units	Dilusio	D-4-L	D	Anahar 1	Method	Meter
SS-1 (5K21009-01) Soil	Kesuit	Link	Omis	Dilution	Batch	Prepared	Analyzed	Method	Note
						_			
Chloride	78.5	10.0	mg/kg	20	EK52314	11/22/05	11/23/05	EPA 300.0	
% Moisture	2.5	0.1	%	1	EK52205	11/21/05	11/22/05	% calculation	
SS-2 (5K21009-02) Soil						_			
Chloride	345	10.0	mg/kg	20	EK52314	11/22/05	11/23/05	EPA 300.0	
% Moisture	4.1	0.1	%	1	EK52205	11/21/05	11/22/05	% calculation	
SS-3 (5K21009-03) Soil									
Chloride	176	10.0	mg/kg	20	EK52314	11/22/05	11/23/05	EPA 300.0	
% Moisture	10.9	0.1	%	i	EK52205	11/21/05	11/22/05	% calculation	
SS-4 (5K21009-04) Soil			_						
Chloride	419	10.0	mg/kg	20	EK52314	11/22/05	11/23/05	EPA 300.0	
% Moisture	6.3	0.1	%	1	EK52205	11/21/05	11/22/05	% calculation	
SS-5 (5K21009-05) Soil									
Chloride	575	10.0	mg/kg	20	EK52314	11/22/05	11/23/05	EPA 300.0	
% Moisture	1.7	0.1	%	1	EK52205	11/21/05	11/22/05	% calculation	
SS-6 (5K21009-06) Soil									
Chloride	7.16	5.00	mg/kg	10	EK52314	11/22/05	11/23/05	EPA 300.0	
% Moisture	2.4	0.1	%	1	EK52205	11/21/05	11/22/05	% calculation	
SS-7 (5K21009-07) Soil								1	
Chloride	16.1	5.00	mg/kg	10	EK52314	11/22/05	11/23/05	EPA 300.0	
% Moisture	2.7	0.1	%	1	EK52205	11/21/05	11/22/05	% calculation	
SS-8 (5K21009-08) Soil									
Chloride	784	20.0	mg/kg	40	EK52314	11/22/05	11/23/05	EPA 300.0	
% Moisture	2.4	0.1	%	1	EK52205	11/21/05	11/22/05	% calculation	

Larson & Associates, Inc. P.O. Box 50685 Midland TX, 79710 Project: Dynegy Site #70 Number: 0-0100-70

Project Number: 0-0100-70
Project Manager: Cindy Crain

Fax: (432) 687-0456

Reported: 11/30/05 13:45

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

PM									
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
SS-9 (5K21009-09) Soil									
Chloride	577	10.0	mg/kg	20	EK52314	11/22/05	11/23/05	EPA 300.0	
% Moisture	1.8	0.1	%	1	EK52205	11/21/05	11/22/05	% calculation	
SS-10 (5K21009-10) Soil									
Chloride	843	20.0	mg/kg	40	EK52314	11/22/05	11/23/05	EPA 300.0	
% Moisture	2.7	0.1	%	1	EK52205	11/21/05	11/22/05	% calculation	
SS-11 (5K21009-11) Soil									
Chloride	2090	50.0	mg/kg	100	EK52314	11/22/05	11/23/05	EPA 300.0	
% Moisture	5.5	0.1	%	1	EK52205	11/21/05	11/22/05	% calculation	
SS-12 (5K21009-12) Soil									
Chloride	226	10.0	mg/kg	20	EK52314	11/22/05	11/23/05	EPA 300.0	
% Moisture	3.6	0.1	%	1	EK52205	11/21/05	11/22/05	% calculation	
Spoil (5K21009-13) Soil									
Chloride	74.3	10.0	mg/kg	20	EK52314	11/22/05	11/23/05	EPA 300.0	
% Moisture	0.1	0.1	%	į	EK52205	11/21/05	11/22/05	% calculation	

P.O. Box 50685 Midland TX, 79710 Project: Dynegy Site #70

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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 EK52204 - Solvent Extraction (GC)							· <u></u>		<u>-</u>	
Blank (EK52204-BLK1)				Prepared: 1	11/22/05 A	nalyzed: 1	1/23/05			
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	•							
Total Hydrocarbon C6-C35	ND	10.0	#							
Surrogate: 1-Chlorooctane	40.7		mg/kg	50.0		81.4	70-130	******		
Surrogate: 1-Chlorooctadecane	39.6		"	50.0		79. 2	70-130			
LCS (EK52204-BS1)				Prepared:	11/22/05 A	nalyzed: 1	1/23/05			
Gasoline Range Organics C6-C12	394	10.0	mg/kg wet	500		78.8	75-125			
Diesel Range Organics >C12-C35	542	10.0	*	500		108	75-125			
Total Hydrocarbon C6-C35	936	10.0	•	1000		93.6	75-125			
Surrogate: 1-Chlorooctane	44.4		mg/kg	50.0		88.8	70-130			
Surrogate: 1-Chlorooctadecane	41.7		*	50.0		83.4	70-130			
Calibration Check (EK52204-CCV1)				Prepared:	11/22/05 A	nalyzed: 1	1/28/05			
Gasoline Range Organics C6-C12	472		mg/kg	500		94.4	80-120			
Diesel Range Organics >C12-C35	598		**	500		120	80-120			
Total Hydrocarbon C6-C35	1070			1000		107	80-120			
Surrogate: 1-Chlorooctane	55.3			50.0		111	70-130			
Surrogate: 1-Chlorooctadecane	53.3		H	50.0		107	70-130			
Matrix Spike (EK52204-MS1)	Sou	rce: 5K1900	3-32	Prepared:	11/22/05 A	nalyzed: 1	1/23/05			
Gasoline Range Organics C6-C12	420	10.0	mg/kg dry	534	ND	78.7	75-125			
Diesel Range Organics >C12-C35	576	10.0		534	ND	108	75-125			
Total Hydrocarbon C6-C35	996	10.0	•	1070	ND	93.1	75-125			
Surrogate: I-Chlorooctane	51.3		mg/kg	50.0		103	70-130			
Surrogate: 1-Chlorooctadecane	44.5		"	50.0		89.0	70-130			
Matrix Spike Dup (EK52204-MSD1)	Sou	rce: 5K1900	3-32	Prepared:	11/22/05 A	nalyzed: 1	1/23/05			
Gasoline Range Organics C6-C12	408	10.0	mg/kg dry	534	ND	76.4	75-125	2.90	20	
Diesel Range Organics >C12-C35	629	10.0		534	ND	118	75-125	8.80	20	
Total Hydrocarbon C6-C35	1040	10.0	*	1070	ND	97.2	75-125	4.32	20	
Surrogate: 1-Chlorooctane	44.7		mg/kg	50.0		89.4	70-130	- 18g. sq.		*
Surrogate: 1-Chlorooctadecane	42.3		"	50.0		84.6	70-130			

Larson & Associates, Inc. P.O. Box 50685

Project: Dynegy Site #70
Project Number: 0-0100-70

Fax: (432) 687-0456

Reported:
11/30/05 13:45

Midland TX, 79710

Project Manager: Cindy Crain

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 EK52312 - Solvent Extraction (GC)							-			
Blank (EK52312-BLK1)				Prepared:	11/23/05 A	nalyzed: 11	/28/05			
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	Ħ							
Total Hydrocarbon C6-C35	ND	10.0								
Surrogate: 1-Chlorooctane	50.9		mg/kg	50.0		102	70-130			
Surrogate: 1-Chlorooctadecane	48.4		"	50.0		96.8	70-130			
LCS (EK52312-BS1)				Prepared:	11/23/05 A	nalyzed: 11	/28/05			
Gasoline Range Organics C6-C12	456	10.0	mg/kg wet	500		91.2	75-125		******	
Diesel Range Organics >C12-C35	575	10.0		500		115	75-125			
Total Hydrocarbon C6-C35	1030	10.0	*	1000		103	75-125			
Surrogate: 1-Chlorooctane	50.2		mg/kg	50.0		100	70-130			·
Surrogate: 1-Chlorooctadecane	46.3		"	50.0		92.6	70-130			
Calibration Check (EK52312-CCV1)				Prepared:	11/23/05 A	nalyzed: 11	/29/05			
Gasoline Range Organics C6-C12	454		mg/kg	500		90.8	80-120			
Diesel Range Organics >C12-C35	586		*	500		117	80-120			
Total Hydrocarbon C6-C35	1040		•	1000		104	80-120			
Surrogate: 1-Chlorooctane	48.5		"	50.0		97.0	70-130		******	
Surrogate: 1-Chlorooctadecane	43.4		•	50.0		86.8	70-130			
Matrix Spike (EK52312-MS1)	Sou	rce: 5K2100	9-11	Prepared:	11/23/05 A	nalyzed: 11	/28/05			
Gasoline Range Organics C6-C12	588	10.0	mg/kg dry	529	ND	111	75-125			
Diesel Range Organics >C12-C35	892	10.0	*	529	307	111	75-125			
Total Hydrocarbon C6-C35	1480	10.0	**	1060	307	111	75-125			
Surrogate: 1-Chlorooctane	61.1	····	mg/kg	50.0		122	70-130			
Surrogate: 1-Chlorooctadecane	70.5		#	50.0		141	70-130			S-0
Matrix Spike Dup (EK52312-MSD1)	Sou	rce: 5K2100	9-11	Prepared:	11/23/05 A	nalyzed: 11	1/28/05	_		
Gasoline Range Organics C6-C12	610	10.0	mg/kg dry	529	ND	115	75-125	3.67	20	
Diesel Range Organics >C12-C35	935	10.0	*	529	307	119	75-125	4.71	20	
Total Hydrocarbon C6-C35	1550	10.0	*	1060	307	117	75-125	4.62	20	
Surrogate: 1-Chlorooctane	63.8		mg/kg	50.0		128	70-130			
Surrogate: 1-Chlorooctadecane	75.9		*	50.0		152	70-130			S-0

Project: Dynegy Site #70

Project Number: 0-0100-70

Fax: (432) 687-0456

P.O. Box 50685 Midland TX, 79710

Project Manager: Cindy Crain

Reported: 11/30/05 13:45

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result			RPD	Limit	Notes
Batch EK52205 - General Preparation (Pr	ep)									
Blank (EK52205-BLK1)				Prepared:	11/21/05	Analyzed:	11/22/05			
% Solids	100		%				1000000			
Duplicate (EK52205-DUP1)	Sou	rce: 5K19001-	-01	Prepared:	11/21/05	Analyzed:	11/22/05			
% Solids	92.6		%		92.8	-		0.216	20	
Batch EK52314 - Water Extraction										
Blank (EK52314-BLK1)				Prepared:	11/22/05	Analyzed:	11/23/05			
Chloride	ND	0,500	mg/kg							
Blank (EK52314-BLK2)				Prepared:	11/22/05	Analyzed:	11/23/05			
Chloride	ND	0,500	mg/kg	****						
LCS (EK52314-BS1)				Prepared:	11/22/05	Analyzed:	11/23/05			
Chloride	8.78		mg/L	10.0		87.8	80-120		,, ,,,,,	
LCS (EK52314-BS2)				Prepared:	11/22/05	Analyzed:	11/23/05			
Chloride	8.58		mg/L	10.0	N	85.8	80-120			
Calibration Check (EK52314-CCV1)				Prepared:	11/22/05	Analyzed:	11/23/05			
Chloride	8.47	-	mg/L	10.0		84.7	80-120			
Calibration Check (EK52314-CCV2)				Prepared:	11/22/05	Analyzed:	11/23/05			
Chloride	8.59		mg/L	10.0		85.9	80-120			
Duplicate (EK52314-DUP1)	Sou	rce: 5K17001	-21	Prepared:	11/22/05	Analyzed:	11/23/05			
Chloride	30.0	10.0	mg/kg		32.3			7.38	20	

Larson & Associates, Inc. P.O. Box 50685

Midland TX, 79710

Project: Dynegy Site #70

Project Number: 0-0100-70 Project Manager: Cindy Crain Fax: (432) 687-0456

Reported: 11/30/05 13:45

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 EK52314 - Water Extraction	· · · · · · · · · · · · · · · · · · ·					
Duplicate (EK52314-DUP2)	Sourc	e: 5K21009-13	Prepared: 11/22/05 Analyzed: 11/23/05			
Chloride	74.1	10.0 mg/kg	74.3	0.270	20	

Larson & Associates, Inc. P.O. Box 50685

Midland TX, 79710

Dup

Duplicate

Project: Dynegy Site #70 Project Number: 0-0100-70

Reported: 11/30/05 13:45

Fax: (432) 687-0456

Project Number: 0-0100-70

Project Manager: Cindy Crain

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. 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

	Kaland Ketwas		
Report Approved By:	Karan C 140	Date:	11/30/2005

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.

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.

CLIENT NAME:	SWE:			Ť	SITE MANAGER:		 	PARAM	ETERS/M	PARAMETERS/METHOD NUMBER		CHAIN	CHAIN-OF-CUSTODY RECORD
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Environmental Lab of Texas Variance / Corrective Action Report - Sample Log-In

lient: Larson				
Date/Time: 11/21/05 13:40				
Order#: 5KZ10				
nitials:				
Sample Receipt		st		
emperature of container/cooler?	Yes	No	4,5 C	
hipping container/cooler in good condition?	(e3)	No		
Sustody Seals intact on shipping container/cooler?	Yes	No	Het present	
Custody Seals intact on sample bottles?	Yes	No	Not presento	
Chain of custody present?	(28)	No		
Sample Instructions complete on Chain of Custody?	Yes	No		
Chain of Custody signed when relinquished and received?	Xes	No		
Chain of custody agrees with sample label(s)	er xes	No	FD on liobs	
Container labels legible and intact?	Yes	No	l na	
Sample Matrix and properties same as on chain of custody?	XES	No	1	
Samples in procer container/bottle?	Tes !	No		
Samples properly preserved?	Zes	No	į	
Sample bottles intact?	(asso	No		
Preservations documented on Chain of Custody?	1 1/23	No)	
Containers documented on Chain of Custody?	YES	No		
Sufficient sample amount for indicated test?	Yes	No		
All samples received within sufficient hold time?	Ves	No		
VOC samples have zero headspace?	YES	No	Not Applicable	
Variance Docu Contact Person: Date/Time: Regarding:			Contacted by:	
Corrective Action Taken:				
·				
		···		



Analytical Report

Prepared for:

Cindy Crain

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: Targa- Site #70
Project Number: 0-0100-70
Location: None Given

Lab Order Number: 6A05015

Report Date: 01/10/06

P.O. Box 50685 Midland TX, 79710 Project: Targa- Site #70

Project Number: 0-0100-70
Project Manager: Cindy Crain

Fax: (432) 687-0456

Reported: 01/10/06 15:39

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-13	6A05015-01	Soil	01/04/06 09:45	01/05/06 16:13
SS-14	6A05015-02	Soil	01/04/06 09:48	01/05/06 16:13
SS-15	6A05015-03	Soil	01/04/06 09:54	01/05/06 16:13
SS-16	6A05015-04	Soil	01/04/06 09:56	01/05/06 16:13
SS-17	6A05015-05	Soil	01/04/06 09:58	01/05/06 16:13
SS-18	6A05015-06	Soil	01/04/06 10:00	01/05/06 16 13
SS-19	6A05015-07	Soil	01/04/06 10:05	01/05/06 16:13

Larson & Associates, Inc. P.O. Box 50685 Midland TX, 79710 Project: Targa- Site #70

Project Number: 0-0100-70
Project Manager: Cindy Crain

Fax: (432) 687-0456

Reported: 01/10/06 15:39

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
SS-13 (6A05015-01) Soil									
Gasoline Range Organics C6-C12	J [9.23]	10.0	mg/kg dry	1	EA60602	01/06/06	01/06/06	EPA 8015M	
Diesel Range Organics >C12-C35	512	10.0		•	*	•		Ħ	
Total Hydrocarbon C6-C35	512	10.0				н	*	н	
Surrogate: 1-Chlorooctane		110 %	70-13	30	*	**	"	. "	
Surrogate: 1-Chlorooctadecane		116 %	70-13	80	*	*	"	*	
SS-14 (6A05015-02) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA60602	ρ1/06/06	01/06/06	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	*		•	*	•	m	
Total Hydrocarbon C6-C35	ND	10.0	*	н	•	*		•	
Surrogate: 1-Chlorooctane		98.6 %	70-13	30	,	"	~	"	
Surrogate: 1-Chlorooctadecane		97.2 %	70-13	30	"	#	*	"	
SS-15 (6A05015-03) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA60602	01/06/06	01/06/06	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	•	*	•		•	*	
Total Hydrocarbon C6-C35	ND	10.0	*			*		•	
Surrogate: 1-Chlorooctane		101 %	70-13	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		101 %	70-13	80	"	#	"	*	
SS-16 (6A05015-04) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA60602	01/06/06	01/06/06	EPA 8015M	-
Diesel Range Organics >C12-C35	ND	10.0	*	*	•	•		•	
Total Hydrocarbon C6-C35	ND	10.0	#	*		#			
Surrogate: 1-Chlorooctane		116 %	70-13	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		115 %	70-13	30	"	a	*	*	
SS-17 (6A05015-05) Soil									
Gasoline Range Organics C6-C12	ND	10,0	mg/kg dry	1	EA60602	01/06/06	01/06/06	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	•	•	•	•	•	*	
Total Hydrocarbon C6-C35	ND	10.0		*		*	*	•	
Surrogate: 1-Chlorooctane		96.6 %	70-13	30	,,	"	"	*	
Surrogate: 1-Chlorooctadecane		94.8 %	70-13	30	#	,,	"	*	

Larson & Associates, Inc. P.O. Box 50685

Midland TX, 79710

Project: Targa- Site #70
Project Number: 0-0100-70
Project Manager: Cindy Crain

Fax: (432) 687-0456

Reported: 01/10/06 15:39

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-18 (6A05015-06) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA60602	01/06/06	01/06/06	EPA 8015M	,
Diesel Range Organics >C12-C35	15.8	10.0	*				#	•	
Total Hydrocarbon C6-C35	15.8	10.0	Ħ		*	*		м	
Surrogate: 1-Chlorooctane		104 %	70-13	30	"	,	"	"	
Surrogate: 1-Chlorooctadecane		105 %	70-13	80	#	"	"	"	
SS-19 (6A05015-07) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA60602	01/06/06	01/06/06	EPA 8015M	
Diesel Range Organics >C12-C35	205	10.0	*				*	*	
Total Hydrocarbon C6-C35	205	10.0	*		•				
Surrogate: 1-Chlorooctane		117 %	70-13	10	,,	"	"	*	
Surrogate: 1-Chlorooctadecane		121 %	70-13	80	**	•	•	"	

Larson & Associates, Inc. P.O. Box 50685

Midland TX, 79710

Project: Targa- Site #70

Project Number: 0-0100-70 Project Manager: Cindy Crain Fax: (432) 687-0456

Reported: 01/10/06 15:39

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

		Reporting						7.1	
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-13 (6A05015-01) Soil									
Chloride	1510	50.0	mg/kg	100	EA61007	01/09/06	01/10/06	EPA 300.0	
% Moisture	13.3	0.1	%	1	EA60902	01/06/06	01/09/06	% calculation	
SS-14 (6A05015-02) Soil									
Chloride	12.1	5,00	mg/kg	10	EA61007	01/09/06	01/10/06	EPA 300.0	
% Moisture	9.2	0.1	%	1	EA60902	01/06/06	01/09/06	% calculation	
SS-15 (6A05015-03) Soil									
Chloride	24.4	5.00	mg/kg	10	EA61007	01/09/06	01/10/06	EPA 300.0	
% Moisture	2.2	0.1	%	1	EA60902	01/06/06	01/09/06	% calculation	
SS-16 (6A05015-04) Soil					_				
Chloride	577	10.0	mg/kg	20	EA61007	01/09/06	01/10/06	EPA 300.0	
% Moisture	3.4	0.1	%	1	EA60902	01/06/06	01/09/06	% calculation	
SS-17 (6A05015-05) Soil									
Chloride	120	5.00	mg/kg	10	EA61007	01/09/06	01/10/06	EPA 300.0	
% Moisture	10.3	0.1	%	1	EA60902	01/06/06	01/09/06	% calculation	
SS-18 (6A05015-06) Soil									
Chloride	97.3	5.00	mg/kg	10	EA61007	01/09/06	01/10/06	EPA 300.0	
% Moisture	1.9	0.1	%	1	EA60902	01/06/06	01/09/06	% calculation	
SS-19 (6A05015-07) Soil						***			
Chloride	56.6	5.00	mg/kg	10	EA61007	01/09/06	01/10/06	EPA 300.0	
% Moisture	1.8	0.1	%	1	EA60902	01/06/06	01/09/06	% calculation	

P.O. Box 50685 Midland TX, 79710 Project: Targa- Site #70

Project Number: 0-0100-70 Project Manager: Cindy Crain Fax: (432) 687-0456

Reported: 01/10/06 15:39

Organics by GC - Quality Control Environmental Lab of Texas

	ъ :	Reporting		Spike	Source	a/===	%REC	p. n. r.	RPD	••
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EA60602 - Solvent Extraction (GC)		_								
Blank (EA60602-BLK1)				Prepared &	Analyzed:	01/06/06				
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0								
Total Hydrocarbon C6-C35	ND	10.0	*							
Surrogate: 1-Chlorooctane	49.3		mg/kg	50.0		98.6	70-130			
Surrogate: 1-Chlorooctadecane	49.5		**	50.0		99.0	70-130			
LCS (EA60602-BS1)				Prepared &	: Analyzed:	01/06/06				
Gasoline Range Organics C6-C12	436	10.0	mg/kg wet	500		87.2	75-125			
Diesel Range Organics >C12-C35	534	10.0	H	500		107	75-125			
Total Hydrocarbon C6-C35	970	10.0	н	1000		97.0	75-125			
Surrogate: 1-Chlorooctane	56.8		mg/kg	50.0		114	70-130	·		
Surrogate: 1-Chlorooctadecane	52.6		*	50.0		105	70-130			
Calibration Check (EA60602-CCV1)				Prepared &	: Analyzed:	01/06/06				
Gasoline Range Organics C6-C12	416		mg/kg	500		83.2	80-120			
Diesel Range Organics >C12-C35	466		*	500		93.2	80-120			
Total Hydrocarbon C6-C35	882		п	1000		88.2	80-120			
Surrogate: 1-Chlorooctane	53.9		"	50.0		108	70-130			
Surrogate: 1-Chlorooctadecane	49.3		"	50.0		98.6	70-130			
Matrix Spike (EA60602-MS1)	Sou	rce: 6A05011	1-06	Prepared &	: Analyzed:	01/06/06				
Gasoline Range Organics C6-C12	509	10.0	mg/kg dry	582	21.0	83.8	75-125			
Diesel Range Organics >C12-C35	610	10.0	*	582	78.4	91.3	75-125			
Total Hydrocarbon C6-C35	1120	10.0		1160	99.4	88.0	75-125			
Surrogate: 1-Chlorooctane	53.3		mg/kg	50.0		107	70-130			
Surrogate: 1-Chlorooctadecane	49.1		"	50.0		98.2	70-130			
Matrix Spike Dup (EA60602-MSD1)	Sou	rce: 6A05011	1-06	Prepared &	Analyzed:	01/06/06				
Gasoline Range Organics C6-C12	503	10.0	mg/kg dry	582	21.0	82.8	75-125	1.19	20	
Diesel Range Organics >C12-C35	611	10.0		582	78.4	91.5	75-125	0.164	20	
Total Hydrocarbon C6-C35	1110	10.0	•	1160	99.4	87.1	75-125	0.897	20	
Surrogate: 1-Chlorooctane	53.1		mg/kg	50.0		106	70-130			
Surrogate: 1-Chlorooctadecane	49.0		"	50.0		98.0	70-130			

Project: Targa- Site #70

Fax: (432) 687-0456

P.O. Box 50685

Project Number: 0-0100-70

Reported: 01/10/06 15:39

Midland TX, 79710

Project Manager: Cindy Crain

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
Allalyte	Nesun	Luill	Omis	TEAGI	Nesult	/ONEC	Limits	NI D	Lunt	NOICS
Batch EA60902 - General Preparation (Prep)										
Blank (EA60902-BLK1)				Prepared: 0	01/06/06 A	Analyzed: 01	/09/06			
% Solids	100		%							
Duplicate (EA60902-DUP1)	Sou	arce: 6A05014	-01	Prepared: (01/06/06	Analyzed: 01	/09/06			
% Solids	95.7		%	·	94.4	·	·	1.37	20	
Duplicate (EA60902-DUP2)	Sou	ırce: 6A06003-	-05	Prepared: (01/06/06	Analyzed: 01	/09/06			
% Solids	81.3		.%		80.9			0.493	20	
Duplicate (EA60902-DUP3)	Sou	ırce: 6A06008-	-04	Prepared: (01/06/06 A	Analyzed: 01	/09/06			
% Solids	87.5	***	%		88.4			1.02	20	
Batch EA61007 - Water Extraction							•			
Blank (EA61007-BLK1)				Prepared: (01/09/06 A	Analyzed: 01	/10/06			
Chloride	ND	0.500	mg/kg							
LCS (EA61007-BS1)				Prepared: (01/09/06	Analyzed: 01	/10/06			
Chloride	8.42		mg/L	10.0		84.2	80-120			
Calibration Check (EA61007-CCV1)				Prepared: (01/09/06	Analyzed: 01	/10/06			
Chloride	8.57		mg/L	10.0		85.7	80-120			
Duplicate (EA61007-DUP1)	Soi	urce: 6A04003-	-01	Prepared: (01/09/06 A	Analyzed: 01	/10/06			
Chloride	24.8	10.0	mg/kg		23.1			7.10	20	

Project: Targa- Site #70

Fax: (432) 687-0456

P.O. Box 50685

Project Number: 0-0100-70

Reported:

Midland TX, 79710

Project Manager: Cindy Crain

01/10/06 15:39

Notes and Definitions

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

Not Reported NR

Sample results reported on a dry weight basis dry

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

> Raland Kethals Report Approved By:

Date:

1/10/2006

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

Jeanne Mc Murrey, Inorg. Tech Director LaTasha Cornish, Chemist Sandra Sanchez, Lab Tech.

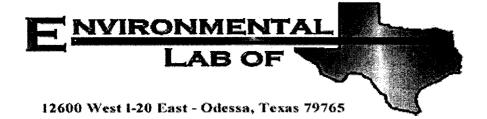
This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

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

CLIENT NAME:	IAME:				SITE MANAGER:			PAR	PARAMETERS/METHOD NUMBER	METHOL) N	MBER	CHAIN	—0F—	CHAIN—OF—CUSTODY RECORD	RECORD
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PROJECT NO.	NO.				PROJECT NAME:			W S				-		arson & ssociates, Inc. p	S. Fox: 439-687-0456	7-0456
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Environmental Lab of Texas Variance / Corrective Action Report - Sample Log-In

Client: Larson				
Date/Time: 15/06 16/13				
Order #: 6A05015				
Initials:	·			
Sample Receipt	Checkli	ist		
Temperature of container/cooler?	Yes	No	2.0 CI	
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?	\ZE5_	No		
Chain of Custody signed when relinquished and received?	(स्ड)	No		
Chain of custody agrees with sample label(s)	Yes	No	IDON 118	
Container labels legible and intact?	Yes	No	na	
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?) es	No		
Preservations documented on Chain of Custody?	Yes	No		
Containers documented on Chain of Custody?	Yes	No		
Sufficient sample amount for indicated test?	Yeş	No		
All samples received within sufficient hold time?	YES	No		
VOC samples have zero headspace?	Yês	No	Not Applicable	
Other observations:				
Contact Person: - Date/Time: Regarding:			_Contacted by:	
Corrective Action Taken:				
			<u> </u>	



Analytical Report

Prepared for:

Cindy Crain
Larson & Associates, Inc.
P.O. Box 50685
Midland, TX 79710

Project: Targa/ Site #70
Project Number: 0-0100-70
Location: None Given

Lab Order Number: 6B28015

Report Date: 03/07/06

P.O. Box 50685 Midland TX, 79710 Project: Targa/ Site #70

Project Number: 0-0100-70 Project Manager: Cindy Crain Fax: (432) 687-0456

Reported: 03/07/06 15:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-21	6B28015-01	Soil	02/24/06 08:55	02/28/06 16:10

Larson & Associates, Inc. P.O. Box 50685 Midland TX, 79710

Project: Targa/ Site #70
Project Number: 0-0100-70
Project Manager: Cindy Crain

Fax: (432) 687-0456

Reported:
03/07/06 15:29

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-21 (6B28015-01) Soil									
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EC60203	02/28/06	03/03/06	EPA 8015M	
Carbon Ranges C12-C28	206	10.0	н			•	•	. н	
Carbon Ranges C28-C35	77.2	10.0	*					Ħ	
Total Hydrocarbon C6-C35	283	10.0	*		n	•		*	
Surrogate: 1-Chlorooctane		105 %	70-1	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		109 %	70-1	30	H	"	"	"	

P.O. Box 50685 Midland TX, 79710 Project: Targa/ Site #70

Project Number: 0-0100-70 Project Manager: Cindy Crain Fax: (432) 687-0456

Reported: 03/07/06 15:29

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

Analyte SS-21 (6B28015-01) Soil	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride % Moisture	174 5.7	10.0	mg/kg %	20 1	EC60111 EC60101	02/28/06 02/28/06	03/01/06 03/01/06	EPA 300.0 % calculation	

P.O. Box 50685 Midland TX, 79710 Project: Targa/ Site #70

Project Number: 0-0100-70 Project Manager: Cindy Crain Fax: (432) 687-0456

Reported: 03/07/06 15:29

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 EC60203 - Solvent Extraction (GC)										
Blank (EC60203-BLK1)				Prepared: 0	02/28/06 A	nalyzed: 03	/02/06			
Carbon Ranges C6-C12	ND	10.0	mg/kg wet							
Carbon Ranges C12-C28	ND	10.0	**							
Carbon Ranges C28-C35	ND	10.0	Ħ							
Total Hydrocarbon C6-C35	ND	10.0	*							
Surrogate: 1-Chlorooctane	48.0		mg/kg	50.0		96.0	70-130			
Surrogate: 1-Chlorooctadecane	45.7		*	50.0		91.4	70-130			
LCS (EC60203-BS1)				Prepared: (02/28/06 A	nalyzed: 03	/02/06			
Carbon Ranges C6-C12	539	10.0	mg/kg wet	500		108	75-125			
Carbon Ranges C12-C28	506	10.0	*	500		101	75-125			
Total Hydrocarbon C6-C35	1040	10.0	*	1000		104	75-125			
Surrogate: 1-Chlorooctane	62.7		mg/kg	50.0		125	70-130			
Surrogate: 1-Chlorooctadecane	58.9		"	50.0		118	70-130			
Calibration Check (EC60203-CCV1)				Prepared: 0	02/28/06 A	nalyzed: 03	3/03/06			
Carbon Ranges C6-C12	238		mg/kg	250	-	95.2	80-120			
Carbon Ranges C12-C28	292			250		117	80-120			
Total Hydrocarbon C6-C35	530		•	500		106	80-120			
Surrogate: 1-Chlorooctane	55.7		"	50.0		111	70-130			
Surrogate: 1-Chlorooctadecane	56.8		"	50.0		114	70-130			
Matrix Spike (EC60203-MS1)	Sou	ırce: 6B24014	1-02	Prepared: (02/28/06 A	nalyzed: 03	3/03/06			
Carbon Ranges C6-C12	564	10.0	mg/kg dry	541	ND	104	75-125			
Carbon Ranges C12-C28	513	10.0		541	ND	94.8	75-125			
Total Hydrocarbon C6-C35	1080	10.0	*	1080	ND	100	75-125			
Surrogate: 1-Chlorooctane	50.3		mg/kg	50.0		101	70-130			
Surrogate: I-Chlorooctadecane	46.3		"	50.0		92.6	70-130			

P.O. Box 50685 Midland TX, 79710 Project: Targa/ Site #70

Project Number: 0-0100-70 Project Manager: Cindy Crain Fax: (432) 687-0456

Reported: 03/07/06 15:29

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 EC60203 - Solvent Extraction (GC)										
Matrix Spike Dup (EC60203-MSD1)	Sou	rce: 6B24014	-02	Prepared:	02/28/06 A	nalyzed: 03	3/03/06			
Carbon Ranges C6-C12	570	10.0	mg/kg dry	541	ND	105	75-125	1.06	20	
Carbon Ranges C12-C28	522	10.0	•	541	ND	96.5	75-125	1.74	20	
Total Hydrocarbon C6-C35	1090	10.0	•	1080	ND	101	75-125	0.922	20	
Surrogate: 1-Chlorooctane	50.8		mg/kg	50.0		102	70-130			
Surrogate: 1-Chlorooctadecane	46.5		"	50.0		93.0	70-130			

P.O. Box 50685 Midland TX, 79710 Project: Targa/ Site #70

Project Number: 0-0100-70 Project Manager: Cindy Crain Fax: (432) 687-0456

Reported: 03/07/06 15:29

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 EC60101 - General Preparation (Prep)										
Blank (EC60101-BLK1)				Prepared:	02/28/06 A	nalyzed: 03	/01/06			
% Solids	100		%							
Duplicate (EC60101-DUP1)	Sou	rce: 6B28005-	01	Prepared:	02/28/06 A	nalyzed: 03	/01/06			
% Solids	79.6		%		81.9			2.85	20	
Duplicate (EC60101-DUP2)	Sou	rce: 6B28014-	06	Prepared:	02/28/06 A	nalyzed: 03	/01/06			
% Solids	86.5		%		86.0			0.580	20	
Batch EC60111 - Water Extraction										
Blank (EC60111-BLK1)				Prepared:	02/28/06 A	nalyzed: 03	/01/06			
Chloride	ND	0,500	mg/kg							
LCS (EC60111-BS1)				Prepared:	02/28/06 A	nalyzed: 03	/01/06			
Chloride	9.28	0,500	mg/kg	10.0		92.8	80-120			
Calibration Check (EC60111-CCV1)				Prepared:	02/28/06 A	nalyzed: 03	3/01/06			
Chloride	9.77		mg/L	10.0		97.7	80-120			
Duplicate (EC60111-DUP1)	Sou	ırce: 6B28014-	-01	Prepared:	02/28/06 A	nalyzed: 03	3/01/06			
Chloride	17.3	5.00	mg/kg		17.3			0.00	20	

Project: Targa/ Site #70

Fax: (432) 687-0456

P.O. Box 50685 Midland TX, 79710 Project Number: 0-0100-70 Project Manager: Cindy Crain

Reported: 03/07/06 15:29

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 Jouls

Date:

3/7/2006

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

Jeanne Mc Murrey, Inorg. Tech Director LaTasha Cornish, Chemist Sandra Sanchez, Lab Tech.

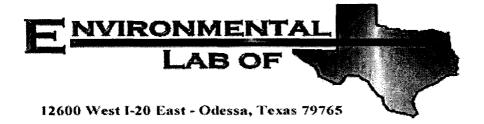
This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

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

CLIENT NAME:	WE:				SITE MANAGER:	_	Ø	PARAMETERS/METHOD NUMBER	METHOD N	IUMBER		CHAIN-OF-CUSTODY RECORD
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PROJECT MO.:	N. 0100 - 70	2			PROJECT NÁME.	TAINERS					A SSOCI	A GISON & SSOCIATES, INC. Fax: 432-687-0456 Environmental Consultants
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Environmental Lab of Texas Variance / Corrective Action Report - Sample Log-In

Client: Lavson				
Date/Time: 2/28/00 16:10				
Order#: 6828				
Initials.				
Sample Receipt 0	Checkli	st		
Temperature of container/cooler?	Yes	No	9.5 CI	
Shipping container/cooler in good condition?	Yes	No		
Custody Seals intact on shipping container/cooler?	Yes	No	Net present	
Custody Seals intact on sample bottles?	Yes	No	MOI present	
Chain of custody present?	YES	No		
Sample Instructions complete on Chain of Custody?	YES	No		ĺ
Chain of Custody signed when relinquished and received?	YES	No		
Chain of custody agrees with sample label(s)	Yes	No	I Don lid	
Container labels legible and intact?	Yas	No	Ne	
Sample Matrix and properties same as on chain of custody?	Yes.	No		
Samples in proper container/bottle?	Xas	No	·	
	4 /25	140	* C	ļ
Sample bottles intact?	l Kes	l No		ł
Preservations documented on Chain of Custody?	YES	No		1
Containers documented on Chain of Custody?	₹86	No		t a
Sufficient sample amount for indicated test?	1 (255	No		1
All samples received within sufficient hold time?	Yes	No		<u> </u>
VOC samples have zero headspace?	Yes	No	Not Apolicable]
Variance Docum Contact Person: - Lindy U. Date/Time: 4	nentatio	on:	Contacted by:	Cam'c,
Temp.				
Corrective Action Taken:				
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Temp discussed proceed w anal	VRIS.			
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Analytical Report

Prepared for:

Cindy Crain

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: Targa/ Site #70
Project Number: 0-0100-70
Location: None Given

Lab Order Number: 6D05016

Report Date: 04/11/06

P.O. Box 50685 Midland TX, 79710 Project: Targa/ Site #70

Project Number: 0-0100-70 Project Manager: Cindy Crain Fax: (432) 687-0456

Reported: 04/11/06 15:09

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-22	6D05016-01	Soil	03/28/06 10:25	04/05/06 12:20

P.O. Box 50685 Midland TX, 79710 Project: Targa/ Site #70

Project Number: 0-0100-70 Project Manager: Cindy Crain Fax: (432) 687-0456

Reported: 04/11/06 15:09

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-22 (6D05016-01) Soil		٠							
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED60604	04/06/06	04/07/06	EPA 8015M	
Carbon Ranges C12-C28	26.0	10.0	**	*	•	•	•	н	
Carbon Ranges C28-C35	ND	10.0	*	•	*	•	**	*	
Total Hydrocarbon C6-C35	26.0	10.0	*	•	*			Ħ	
Surrogate: 1-Chlorooctane		92.2 %	70-1	30	"	"	n	*	
Surrogate: 1-Chlorooctadecane		89.6 %	70-1	30	"	"	"	"	

Project: Targa/ Site #70

Fax: (432) 687-0456

P.O. Box 50685 Midland TX, 79710 Project Number: 0-0100-70 Project Manager: Cindy Crain **Reported:** 04/11/06 15:09

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-22 (6D05016-01) Soil									
% Moisture	13.0	0.1	%	1	ED60603	04/05/06	04/06/06	% calculation	

P.O. Box 50685 Midland TX, 79710 Project: Targa/ Site #70

Project Number: 0-0100-70
Project Manager: Cindy Crain

Fax: (432) 687-0456

Reported: 04/11/06 15:09

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 ED60604 - Solvent Extraction (GC)										
Blank (ED60604-BLK1)				Prepared: (04/06/06 A	nalyzed: 04	/07/06			
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 Hydrocarbon C6-C35	ND	10.0	•							
Surrogate: 1-Chlorooctane	54.5		mg/kg	50.0		109	70-130	-		
Surrogate: 1-Chlorooctadecane	57.0		"	50.0		114	7 0 -130			
LCS (ED60604-BS1)				Prepared: (04/06/06 A	nalyzed: 04	1/07/06			
Carbon Ranges C6-C12	494	10.0	mg/kg wet	500		98.8	75-125	_		
Carbon Ranges C12-C28	567	10,0	*	500		113	75-125			
Total Hydrocarbon C6-C35	1060	10.0	*	1000		106	75-125			
Surrogate: 1-Chlorooctane	52.0		mg/kg	50.0		104	70-130			
Surrogate: 1-Chlorooctadecane	45.9		*	50.0		91.8	70-130			
Calibration Check (ED60604-CCV1)				Prepared: (04/06/06 A	nalyzed: 04	1/07/06			
Carbon Ranges C6-C12	221		mg/kg	250		88.4	80-120			
Carbon Ranges C12-C28	255			250		102	80-120			
Total Hydrocarbon C6-C35	476			500		95.2	80-120			
Surrogate: 1-Chlorooctane	44.7		"	50.0		89.4	70-130			
Surrogate: 1-Chlorooctadecane	40.1		"	50.0		80.2	70-130			
Matrix Spike (ED60604-MS1)	Sou	ırce: 6D0600:	5-01	Prepared:	04/06/06 A	nalyzed: 04	1/07/06			
Carbon Ranges C6-C12	534	10.0	mg/kg dry	524	ND	102	75-125			
Carbon Ranges C12-C28	540	10.0	*	524	34.8	96.4	75-125			
Total Hydrocarbon C6-C35	1070	10.0	•	1050	34.8	98.6	75-125			
Surrogate: 1-Chlorooctane	50.3		mg/kg	50.0		101	70-130			
Surrogate: 1-Chlorooctadecane	43.0		"	50.0		86.0	70-130			

P.O. Box 50685 Midland TX, 79710 Project: Targa/ Site #70

Project Number: 0-0100-70 Project Manager: Cindy Crain Fax: (432) 687-0456

Reported: 04/11/06 15:09

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 ED60604 - Solvent Extraction (GC)	Batch	ED60604	- Solvent	Extraction	(GC)
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Matrix Spike Dup (ED60604-MSD1)	Sourc	e: 6D06005	5-01	Prepared: 0	04/06/06 A	nalyzed: 0	4/07/06		
Carbon Ranges C6-C12	536	10.0	mg/kg dry	524	ND	102	75-125	0.374	20
Carbon Ranges C12-C28	551	10.0	,,	524	34.8	98.5	75-125	2.02	20
Total Hydrocarbon C6-C35	1090	10.0	•	1050	34.8	100	75-125	1.85	20
Surrogate: 1-Chlorooctane	50.9	~~~	mg/kg	50.0		102	70-130		
Surrogate: 1-Chlorooctadecane	43.0		*	50.0		86.0	70-130		

Project: Targa/ Site #70

Fax: (432) 687-0456

P.O. Box 50685

Project Number: 0-0100-70

Reported:

Midland TX, 79710

Project Manager: Cindy Crain

04/11/06 15:09

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 ED60603 - General Preparation ()	—————Prep)									
Blank (ED60603-BLK1)				Prepared: (04/05/06 A	nalyzed: 04	/06/06			
% Solids	100		%	-					-	
Duplicate (ED60603-DUP1)	Sou	Source: 6D05003-01		Prepared: (04/05/06 A	nalyzed: 04	/06/06			
% Solids	89.7		%		89.0			0.783	20	
Duplicate (ED60603-DUP2)	Sou	Source: 6D05027-01		Prepared: (04/05/06 A	6 Analyzed: 04/06/06				
% Solids	94.8		%		94.9			0.105	20	

Project: Targa/ Site #70

Fax: (432) 687-0456

P.O. Box 50685

Project Number: 0-0100-70

Project Manager: Cindy Crain

Reported: 04/11/06 15:09

Midland TX, 79710

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 Kethals

Date:

4/11/2006

Raland K. Tuttle, Lab Manager Celey D. Keene, Lab Director, Org. Tech Director

Peggy Allen, QA Officer

Jeanne Mc Murrey, Inorg. Tech Director LaTasha Cornish, Chemist Sandra Sanchez, Lab Tech.

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.

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DATE RECEIVED BY [Signature]
TIME
VING LABORATORY: (2) (ESS:
CITY: STATE: ZIP: DATE: 4/5/04 TIME: 4/2/20
SAMPLE CONDITION WHEN RECEIVED:
45 no lathell no seal Citain

and the second of the field of the second second

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

lient: avson									
late/Time: 4/5/04 12:20									
)rder#: <u>UD050/6</u>									
nitials:									
Sample Receipt	Checkl	ist							
emperature of container/cooler?	Yes	No	4,5 CI						
hipping containe:/cooler in good condition?	(FeS	No							
ustody Seals intact on shipping container/cooler?	Yes	No	(lot present						
ustody Seals intact on sample bottles?	Yes	No	diol present						
hain of custody present?	Xes.	No							
ample Instructions complete on Chain of Custody?	/ es	No	1						
hain of Custody signed when relinquished and received?	le:	No							
hain of custody agrees with sample label(s)	Yes	No	ID on ar						
container labels legible and intact?	Yes	No	n/a U						
iample Matrix and properties same as on chain of custody?	Y (25)	No							
lamples in proper container/bottle?	Yes	No	•						
amples properly preserved?	Yes	No							
ample bottles intact?	YES	No							
reservations documented on Chain of Custody?	∤ (€)\$	No							
Containers documented on Chain of Custody?	YES	No							
jufficient sample amount for indicated test?	€ es	No							
Il samples received within sufficient hold time?	YES	l No							
OC samples have zero headspace?	Yes	No	Not Applicable						
Other observations:									
Variance Documentation: Contact Person: Date/Time: Contacted by: Regarding:									
Corrective Action Taken:		***************************************							
	-								
	 								

Appendix B

Final C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

* Attach Additional Sheets If Necessary

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised October 10, 2003 abmit 2 Copies to appropriate

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

1RP-1048

Release Notification and Corrective Action														
					OPERA'	ГOR	al Report	M	Final Report					
Name of Company: Targa Midstream Services, L.P.					Contact: Cal Wrangham									
					Telephone No.: (432) 688-0452									
					Facility Type: Natural Gas Pipeline									
Surface Owner: Clay Osborne Mineral Owner								Lease N	lo.					
							L BO A CUED							
LOCATIO							,							
Unit Letter O	Section 35	Township 21S	Range 37E	Feet from the	Nort	h/South Line	Feet from the	East/W	est Line	County: Lea				
Latitude: N32° 25' 45" Longitude: W103° 07' 56.8" NATURE OF RELEASE														
Type of Rele	ase: Natura	al Gas Conder	nsate	- 1112			Release: Unkno	lecovered: None						
Source of Re				111, 11			Date and Hour of Occurrence: Date and				Hour of Discovery:			
Was Immedi	Was Immediate Notice Given? ☐ Yes ☑ No ☐ Not Required						If YES, To Whom?							
By Whom?				A		Date and Hour:								
Was a Watercourse Reached?					If YES, Volume Impacting the Watercourse.									
If a Waterco	urse was Im	pacted, Descr	ibe Fully.											
Describe Cause of Problem and Remedial Action Taken.* Pipeline leak caused by internal / external corrosion. Excavated leak and replaced line segment. Contacted consultant (Larson and Associates, Inc.) whom direct-pushed 9 borings and collected soil samples for field and laboratory analysis to delineate the release.														
Describe Area Affected and Cleanup Action Taken.* Excavated soil from spill per OCD guidelines and recommended remediation action levels (RRAL) for benzene (10 mg/Kg), BTEX (50 mg/Kg), TPH (1,000 mg/Kg) and chloride (1,000 mg/Kg). Contaminated soil was disposed at an OCD permitted commercial landfarm. Soil was also blended on location to reduce the contaminant concentrations below the RRAL. Ground water occurs at approximately 60 feet below surface. A final report, including laboratory reports, photographs and drawing was submitted to the OCD on April 20, 2006.														
regulations a public health should their or the enviro	all operators or the envoperations lonment. In	are required ironment. The have failed to	to report the acceptant adequated MOCD acc	and/or file certaince of a C-141 rey y investigate and	n relea	ase notification y the NMOCE iate contamina	my knowledge as and perform co marked as "Fina tion that pose a the elieve the operato	orrective al Report hreat to g	actions for " does not ground wa	or releases t relieve the ter, surface	which re operate water,	nay endanger or of liability human health		
Signature:						OIL CONSERVATION DIVISION								
Printed Nam	e: Mark J.	Larson				Approved by District Supervisor:				42 2~	~5 ~~			
Title: Sr. Pro	ject Manag	er, Larson and	l Associate	es, Inc. (Agent)		Approval Da	te: (2.07	E	expiration	Date:	:			
Date: 11/17	E-mail Address: mark@laenvironmental.com Date: 11/17//2006				Conditions of Approval: Attached									
Phone: (43	2) 687-090 :	I (Office)	(432) 5	56-8656 (Cell)										