Larson & Associates, Inc.
Environmental Consultants

February 14, 2007

VIA: CERTIFIED MAIL

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

1189 nc

Re: IRP-1046, Targa Midstream Services. L.P., Teague 10" High Pressure (Site #73), Unit A (NE/4, NE/4), Section 18, Township 23 South, Range 36 East, Lea County, New Mexico

Dear Mr. Johnson:

This report is submitted to the New Mexico Oil Conservation Division (OCD) on behalf of Targa Midstream Services, L.P. (TMS), successor company to Dynegy Midstream Services, L.P. (DMS) by Larson and Associates Inc. (LA), its agent, and presents the delineation of a natural gas and liquids release from a high-pressure pipeline (Teague 10") located in unit A (NE/4, NE/4), Section 18, Township 23 South, Range 37 East, in Lea County, New Mexico. The Site is located at latitude 32.31096167 north and longitude 103.19363500 west. Figure 1 presents a location and topographic map. Figure 2 presents a Site drawing. Contact information for TMS is as follows:

Name:	Cal Wrangham
Title:	Sr. Advisor
	Targa Midstream Services, L.P.
Address:	6 Desta Drive, Suite 3300
	Midland, Texas 79705
Telephone:	(432) 688-0542
Cell:	(432) 435-7072
Email:	cwrangham@targaresources.com

Setting

The release occurred about 8.4 miles southwest of Eunice, New Mexico, at an elevation of approximately 3,330 feet above mean sea level ("MSL"). No surface water, including lakes, streams, rivers, ponds or arroyos, is located within 1,000 horizontal feet of the Site. Wind-blown sand underlies the Site and overlies the Tertiary-age Ogallala formation. The Ogallala formation is composed of yellowish red and reddish yellow sand and silty-sand. The Ogallala formation overlies Triassic-age Chinle formation which consists predominantly of mudstone and shale, and is a member of the Dockum group.

Records from the New Mexico State Engineer ("NMSE") did not reveal any domestic or stock wells within 1,000 horizontal feet of the Site. Ground water was reported at 100.67 feet below ground surface (bgs) in a stock well that is located about 1 mile southeast of the Site in unit M (SW/4, SW/4), section 20, Township 23 South, Range 37 East. The U.S.G.S 7.5-minute topographic quadrangle map for Rattlesnake Canyon, New Mexico (1969) shows a stock well (windmill) in unit M (SW/4, SW/4), Section 7, Township 23 South, Range

37 East, but no depth-to-ground water information was available. This well is located about 2,250 feet northwest of the Site.

Chronology

The release occurred on January 18, 2007, and involved an estimated 350 million cubic feet of natural gas and less than 5 barrels (bbl) of natural gas liquids. The pipeline was shut-in to secure the area and allow workers to make necessary repairs. TMS personnel immediately notified the NMOCD and submitted form C-141 on January 22, 2007.

Delineation

On January 29, 2007, LA personnel used a 3-inch stainless steel hand auger to collect soil samples from the bottom and sides of the excavation at fourteen (14) locations. Soil samples were collected for headspace and laboratory analysis. Soil samples were collected to approximately five (5) feet below the bottom of the excavation near the release (GS-1) or about seventeen (17) feet bgs. The hand auger was thoroughly washed between samples using a solution of laboratory-grade detergent and potable water and rinsed with distilled water. The laboratory samples were collected in clean glass 4-ounce sample jars, labeled, chilled in an ice chest, and hand delivered under chain-of-custody control to Trace Analysis, Inc. (Trace) located in Midland, Texas. The headspace samples were collected according to NMOCD guidelines in 8-ounce glass jars that were filled approximately 2/3rds full and sealed with a layer of aluminum foil before securing the cap. A RAE Instruments, Model 2000 photoionization detector (PID) was used to measure the concentration of organic vapors in the sample headspace after the samples warmed to the ambient temperature. The PID recorded readings above 100 parts per million (ppm) in samples GS-1 (839 ppm) and GS-1A (901 ppm), which the laboratory analyzed ample benzene, toluene, ethyl benzene and xylene (collectively referred to as BTEX) using method SW-846-8021B. Sample GS-1B, which recorded a PID reading of 70 ppm, was also analyzed for BTEX. The laboratory analyzed all samples for total petroleum hydrocarbons (TPH) and chloride using methods SW-846-8015B and 300, respectively. Table 1 presents a summary of the headspace and laboratory analysis. Appendix A presents the laboratory report. Appendix B presents photographs.

The following OCD recommended remediation action levels (RRRA) were calculated for the release based on depth-to-groundwater exceeding 100 feet, location of wells and surface water greater than 1,000 horizontal feet:

Benzene	**10 mg/Kg**
BTEX	**50 mg/Kg**
TPH	**5,000 mg/Kg**

Referring to Table 1, benzene was not reported in samples GS-1, GS-1A or GS-1B above the test method diction limit of 0.01 milligram per kilogram (mg/Kg). The laboratory reported the highest BTEX concentration (sum of benzene, toluene, ethyl benzene and xylene) in sample GS-1A (0.0608 mg/Kg). The BTEX concentration was well below the RRAL of 50 mg/Kg. The laboratory reported no TPH in the samples above the method detection limit of 51 mg/Kg. Chloride ranged

from less than 5 mg/Kg in samples GS-7 and GS-9 to 10.7 mg/Kg in sample GS-1A. No benzene, BTEX or TPH was reported in the stock pile soil samples above the test method detection limits. The chloride concentrations were 8.66 mg/Kg.

Conclusion

Based on these findings, TMS requests permission from the NMOCD to fill the excavation with the stockpiled soil and contour the location to the surrounding topography. Appendix C presents the final C-141. Please contact Mr. Cal Wrangham at (432) 688-0542 or myself at (432) 687-0901 if you have any questions. We may be reached by email at cwrangham@targaresources.com or mark@laenvironmental.com.

Sincerely,

Larson & Associates, Inc.

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

Encl.

cc: Mr. Cal Wrangham –TMS
Mr. Don Embrey - TMS
Mr. James Lingnau – TMS
Mr. Larry Johnson – NMOCD District 1

TABLE

507 North Marienfeld, Suite 202 ◆ Midland, Texas 79701 ◆ Ph. (432) 687-0901 ◆ Fax (432) 687-0456

Table 1
1RP-1188
Summary of Laboratory Analysis of Soil Samples
Targa Midstream Services, L.P., Site #73 (Teague 10" High Pressure)
Unit A (NE/4, NE/4), Section 18, Township 23 South, Range 37 East
Lea County, New Mexico

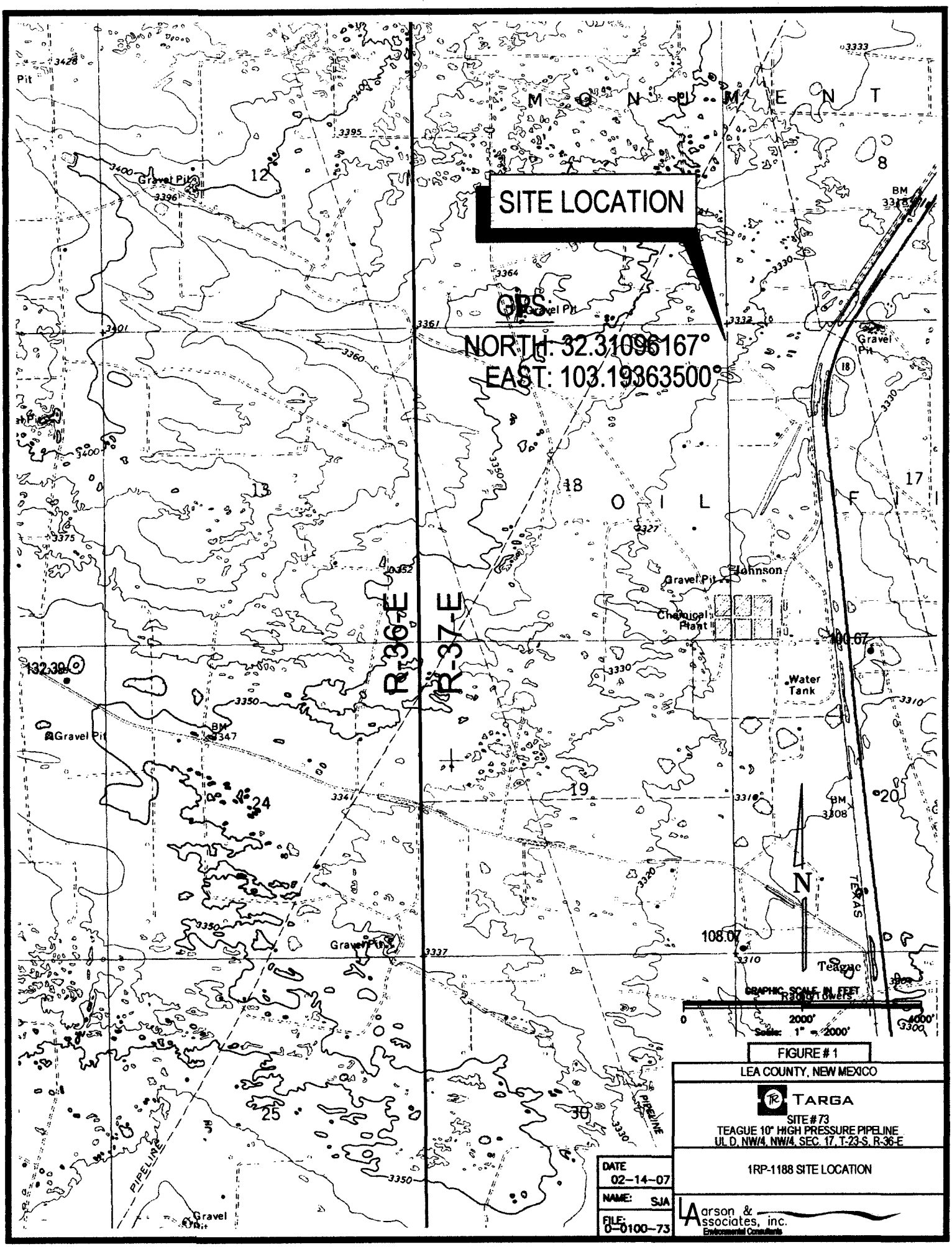
Date	Sample Number	Depth (Feet BGS)	PID (ppm)	Benzene (mg/Kg)	BTEX (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
RRAL (mg/Kg):				**10**	**50**			**5,000**	
01/29/2007	GS-1	14	839	<0.01	<0.04	<50	<1	<51	9.36
01/29/2007	GS-1A	16	901	<0.01	0.0608	<50	<1	<51	10.7
01/29/2007	GS-1B	17	73	<0.01	<0.04	<50	<1	<51	9.97
01/29/2007	GS-2	14	0.5	--	--	<50	<1	<51	7.42
01/29/2007	GS-3	15	0.2	--	--	<50	<1	<51	8.62
01/29/2007	GS-4	15	24.5	--	--	<50	<1	<51	10.1
01/29/2007	GS-5	14	13.6	--	--	<50	<1	<51	9.04
01/29/2007	GS-6	14	0.6	--	--	<50	<1	<51	8.09
01/29/2007	GS-7	11	3.3	--	--	<50	<1	<51	<5
01/29/2007	GS-8	10	6.0	--	--	<50	<1	<51	8.05
01/29/2007	GS-9	10	0.9	--	--	<50	<1	<51	<5
01/29/2007	GS-10	12	1.2	--	--	<50	<1	<51	8.09
01/29/2007	GS-11	10	2.3	--	--	<50	<1	<51	7.49
01/29/2007	GS-12	8	3.2	--	--	<50	<1	<51	7.46
01/29/2007	GS-13	12	1.5	--	--	<50	<1	<51	7.72
01/29/2007	GS-14	9	4.3	--	--	<50	<1	<51	7.85
01/29/2007	East Pile	Pile	3.8	--	--	<50	<1	<51	8.66
01/29/2007	West Pile	Pile	8.1	--	--	<50	<1	<51	8.66

Notes: Analysis performed by Trace Analysis, Inc., Midland, Texas, using method SW-846-8021B (BTEX) and 8015B (TPH).

Results are reported in milligram per Kilogram (mg/Kg)

1. BGS: Depth in feet below ground surface
2. GRO: Gasoline-range organics
3. DRO: Diesel-range organics
4. TPH: Total petroleum hydrocarbons (Sum of DRO + GRO)
5. <: Below method detection limit
6. --: Not Analyzed

FIGURES


SITE LOCATION
GPS:
NORTH: 32.31096167°
EAST: 103.19363500°
R-36-E
R-37-E
MONUMENT
OIL FIELD
Johnson
Gravel Pit
Chemical Plant
Water Tank
Teague
Radio Towers
TEXAS
PIPELINE
N
GRAPHIC SCALE IN FEET
0
2000'
4000'
Scale: 1" = 2000'
FIGURE # 1
LEA COUNTY, NEW MEXICO
TARGA
SITE # 73
TEAGUE 10" HIGH PRESSURE PIPELINE
UL D, NW/4, NW/4, SEC. 17, T-23-S, R-36-E
1RP-1188 SITE LOCATION
DATE 02-14-07
NAME: SJA
FILE: 0-0100-73
Larson & Associates, inc.
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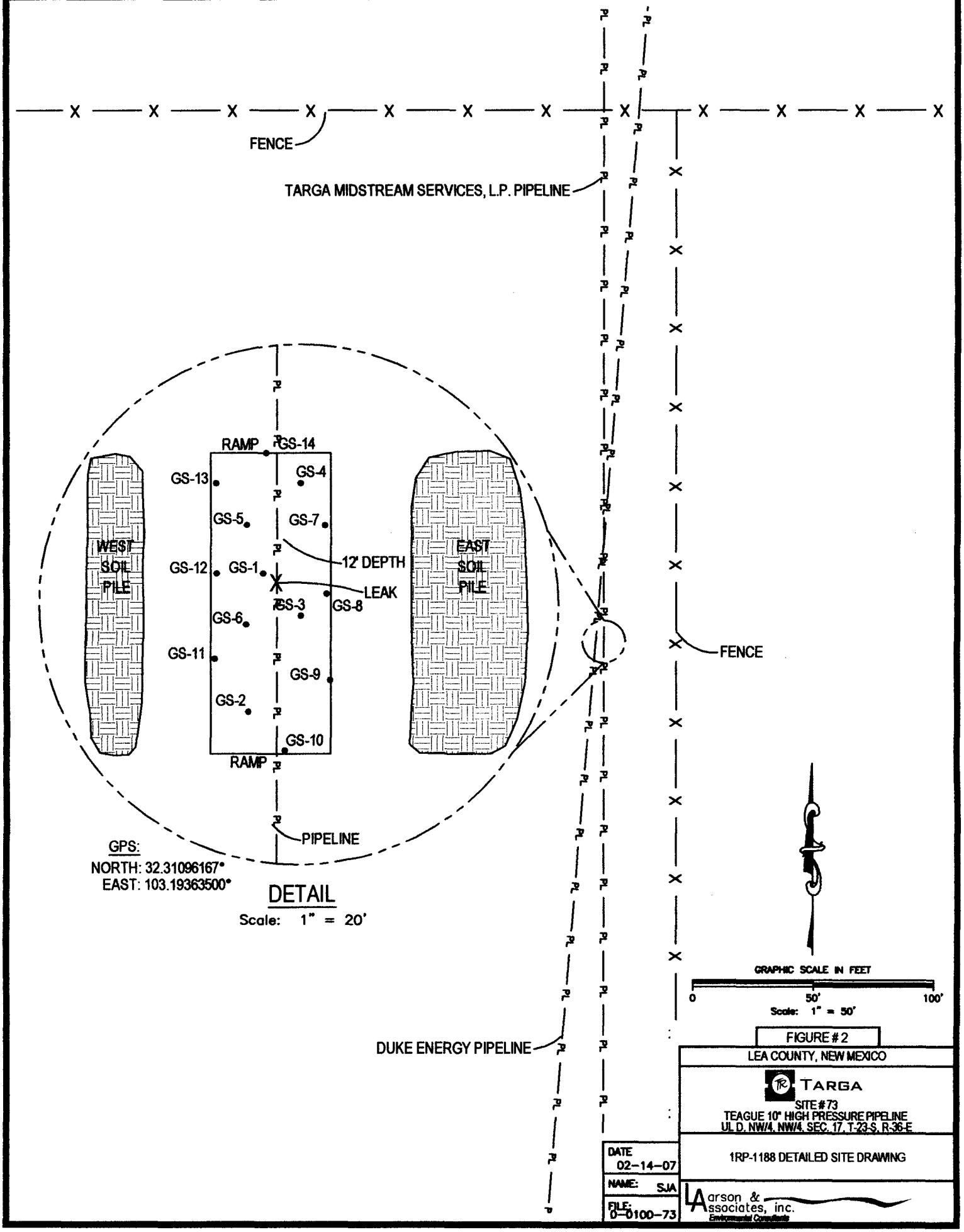

FENCE
TARGA MIDSTREAM SERVICES, L.P. PIPELINE
RAMP
GS-14
GS-13
GS-4
GS-5
GS-7
WEST SOIL PILE
EAST SOIL PILE
12' DEPTH
GS-12
GS-1
LEAK
GS-3
GS-8
GS-6
GS-11
GS-9
GS-2
GS-10
RAMP
PIPELINE
FENCE
GPS:
NORTH: 32.31096167°
EAST: 103.19363500°
DETAIL
Scale: 1" = 20'
DUKE ENERGY PIPELINE
GRAPHIC SCALE IN FEET
0
50'
100'
Scale: 1" = 50'
FIGURE # 2
LEA COUNTY, NEW MEXICO
TARGA
SITE # 73
TEAGUE 10" HIGH PRESSURE PIPELINE
UL D, NW/4, NW/4, SEC. 17, T-23-S, R-36-E
1RP-1188 DETAILED SITE DRAWING
DATE 02-14-07
NAME: SJA
FILE: 0-0100-73
Larson & Associates, inc.
Environmental Consultants

APPENDIX A

Laboratory Reports

Summary Report

Michelle Green
Larson and Associates, Inc.
P. O. Box 50685
Midland, Tx, 79710

Report Date: February 2, 2007

Work Order: 7013010

Project Name: Teague 10
Project Number: 0-0100-73

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
114999	GS-1	SOIL	2007-01-29	12:55	2007-01-30
115000	GS-1A	SOIL	2007-01-29	13:00	2007-01-30
115001	GS-1B	SOIL	2007-01-29	13:10	2007-01-30
115002	GS-2	SOIL	2007-01-29	13:15	2007-01-30
115003	GS-3	SOIL	2007-01-29	13:25	2007-01-30
115004	GS-4	SOIL	2007-01-29	13:30	2007-01-30
115005	GS-5	SOIL	2007-01-29	13:38	2007-01-30
115006	GS-6	SOIL	2007-01-29	13:45	2007-01-30
115007	GS-7	SOIL	2007-01-29	13:50	2007-01-30
115008	GS-8	SOIL	2007-01-29	13:55	2007-01-30
115009	GS-9	SOIL	2007-01-29	13:58	2007-01-30
115010	GS-10	SOIL	2007-01-29	14:09	2007-01-30
115011	GS-11	SOIL	2007-01-29	14:10	2007-01-30
115012	GS-12	SOIL	2007-01-29	14:12	2007-01-30
115013	GS-13	SOIL	2007-01-29	14:15	2007-01-30
115014	GS-14	SOIL	2007-01-29	14:17	2007-01-30
115015	EAST PILE	SOIL	2007-01-29	14:30	2007-01-30
115016	WEST PILE	SOIL	2007-01-29	14:40	2007-01-30

	BTEX				MTBE	TPH DRO	TPH GRO
Sample - Field Code	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	MTBE (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
114999 - GS-1	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	<1.00
115000 - GS-1A	<0.0100	<0.0100	<0.0100	**0.0608**		<50.0	<1.00
115001 - GS-1B	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	<1.00
115002 - GS-2						<50.0	<1.00
115003 - GS-3						<50.0	<1.00
115004 - GS-4						<50.0	<1.00
115005 - GS-5						<50.0	<1.00
115006 - GS-6						<50.0	<1.00
115007 - GS-7						<50.0	<1.00
115008 - GS-8						<50.0	<1.00
115009 - GS-9						<50.0	<1.00
115010 - GS-10						<50.0	<1.00
115011 - GS-11						<50.0	<1.00
115012 - GS-12						<50.0	<1.00
115013 - GS-13						<50.0	<1.00

continued ...

... continued

Sample - Field Code	BTEX Benzene (mg/Kg)	BTEX Toluene (mg/Kg)	BTEX Ethylbenzene (mg/Kg)	BTEX Xylene (mg/Kg)	MTBE MTBE (mg/Kg)	TPH DRO DRO (mg/Kg)	TPH GRO GRO (mg/Kg)
115014 - GS-14						<50.0	<1.00
115015 - EAST PILE						<50.0	<1.00
115016 - WEST PILE						<50.0	<1.00

Sample: 114999 - GS-1

Param	Flag	Result	Units	RL
Chloride		**9.36**	mg/Kg	1.00

Sample: 115000 - GS-1A

Param	Flag	Result	Units	RL
Chloride		**10.7**	mg/Kg	1.00

Sample: 115001 - GS-1B

Param	Flag	Result	Units	RL
Chloride		**9.97**	mg/Kg	1.00

Sample: 115002 - GS-2

Param	Flag	Result	Units	RL
Chloride		**7.42**	mg/Kg	1.00

Sample: 115003 - GS-3

Param	Flag	Result	Units	RL
Chloride		**8.62**	mg/Kg	1.00

Sample: 115004 - GS-4

Param	Flag	Result	Units	RL
Chloride		**10.1**	mg/Kg	1.00

Sample: 115005 - GS-5

Param	Flag	Result	Units	RL
Chloride		**9.04**	mg/Kg	1.00

Sample: 115006 - GS-6

Param	Flag	Result	Units	RL
Chloride		**8.09**	mg/Kg	1.00

Sample: 115007 - GS-7

Param	Flag	Result	Units	RL
Chloride		<5.00	mg/Kg	1.00

Sample: 115008 - GS-8

Param	Flag	Result	Units	RL
Chloride		**8.05**	mg/Kg	1.00

Sample: 115009 - GS-9

Param	Flag	Result	Units	RL
Chloride		<5.00	mg/Kg	1.00

Sample: 115010 - GS-10

Param	Flag	Result	Units	RL
Chloride		**8.09**	mg/Kg	1.00

Sample: 115011 - GS-11

Param	Flag	Result	Units	RL
Chloride		**7.49**	mg/Kg	1.00

Sample: 115012 - GS-12

Param	Flag	Result	Units	RL
Chloride		**7.46**	mg/Kg	1.00

Sample: 115013 - GS-13

Param	Flag	Result	Units	RL
Chloride		**7.72**	mg/Kg	1.00

Sample: 115014 - GS-14

Param	Flag	Result	Units	RL
Chloride		**7.85**	mg/Kg	1.00

Sample: 115015 - EAST PILE

Param	Flag	Result	Units	RL
Chloride		**8.66**	mg/Kg	1.00

Sample: 115016 - WEST PILE

Param	Flag	Result	Units	RL
Chloride		**8.66**	mg/Kg	1.00

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
155 McCutcheon, Suite H El Paso, Texas 79932 888•588•3443 915•585•3443 FAX 915•585•4944
E-Mail lab@traceanalysis.com

Analytical and Quality Control Report

Michelle Green
Larson and Associates, Inc.
P. O. Box 50685
Midland, Tx, 79710

Report Date: February 2, 2007

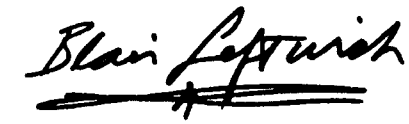
Work Order: 7013010

Project Name: Teague 10
Project Number: 0-0100-73

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
114999	GS-1	SOIL	2007-01-29	12:55	2007-01-30
115000	GS-1A	SOIL	2007-01-29	13:00	2007-01-30
115001	GS-1B	SOIL	2007-01-29	13:10	2007-01-30
115002	GS-2	SOIL	2007-01-29	13:15	2007-01-30
115003	GS-3	SOIL	2007-01-29	13:25	2007-01-30
115004	GS-4	SOIL	2007-01-29	13:30	2007-01-30
115005	GS-5	SOIL	2007-01-29	13:38	2007-01-30
115006	GS-6	SOIL	2007-01-29	13:45	2007-01-30
115007	GS-7	SOIL	2007-01-29	13:50	2007-01-30
115008	GS-8	SOIL	2007-01-29	13:55	2007-01-30
115009	GS-9	SOIL	2007-01-29	13:58	2007-01-30
115010	GS-10	SOIL	2007-01-29	14:09	2007-01-30
115011	GS-11	SOIL	2007-01-29	14:10	2007-01-30
115012	GS-12	SOIL	2007-01-29	14:12	2007-01-30
115013	GS-13	SOIL	2007-01-29	14:15	2007-01-30
115014	GS-14	SOIL	2007-01-29	14:17	2007-01-30
115015	EAST PILE	SOIL	2007-01-29	14:30	2007-01-30
115016	WEST PILE	SOIL	2007-01-29	14:40	2007-01-30

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.



Dr. Blair Leftwich, Director

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Analytical Report

Sample: 114999 - GS-1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	34156	Date Analyzed:	2007-01-31	Analyzed By:	ss
Prep Batch:	29648	Sample Preparation:		Prepared By:	ss

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.02	mg/Kg	1	1.00	102	69 - 113
4-Bromofluorobenzene (4-BFB)		1.08	mg/Kg	1	1.00	108	63.4 - 121

Sample: 114999 - GS-1

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	34187	Date Analyzed:	2007-02-01	Analyzed By:	AR
Prep Batch:	29664	Sample Preparation:	2007-01-31	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride	B	**9.36**	mg/Kg	5	1.00

Sample: 114999 - GS-1

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	34189	Date Analyzed:	2007-02-01	Analyzed By:	WR
Prep Batch:	29666	Sample Preparation:	2007-01-31	Prepared By:	WR

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		130	mg/Kg	1	150	87	70 - 130

Sample: 114999 - GS-1

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	34155	Date Analyzed:	2007-01-31	Analyzed By:	ss
Prep Batch:	29636	Sample Preparation:		Prepared By:	ss

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.830	mg/Kg	1	1.00	83	70 - 130
4-Bromofluorobenzene (4-BFB)		1.08	mg/Kg	1	1.00	108	70 - 130

Sample: 115000 - GS-1A

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	34156	Date Analyzed:	2007-01-31	Analyzed By:	ss
Prep Batch:	29648	Sample Preparation:		Prepared By:	ss

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		**0.0608**	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.02	mg/Kg	1	1.00	102	69 - 113
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	1	1.00	104	63.4 - 121

Sample: 115000 - GS-1A

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	34187	Date Analyzed:	2007-02-01	Analyzed By:	AR
Prep Batch:	29664	Sample Preparation:	2007-01-31	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride	*B*	**10.7**	mg/Kg	5	1.00

Sample: 115000 - GS-1A

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	34189	Date Analyzed:	2007-02-01	Analyzed By:	WR
Prep Batch:	29666	Sample Preparation:	2007-01-31	Prepared By:	WR

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		144	mg/Kg	1	150	96	70 - 130

Sample: 115000 - GS-1A

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	34155	Date Analyzed:	2007-01-31	Analyzed By:	ss
Prep Batch:	29636	Sample Preparation:		Prepared By:	ss

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.816	mg/Kg	1	1.00	82	70 - 130
4-Bromofluorobenzene (4-BFB)		1.12	mg/Kg	1	1.00	112	70 - 130

Sample: 115001 - GS-1B

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	34156	Date Analyzed:	2007-01-31	Analyzed By:	ss
Prep Batch:	29648	Sample Preparation:		Prepared By:	ss

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.995	mg/Kg	1	1.00	100	69 - 113
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	1	1.00	104	63.4 - 121

Sample: 115001 - GS-1B

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	34187	Date Analyzed:	2007-02-01	Analyzed By:	AR
Prep Batch:	29664	Sample Preparation:	2007-01-31	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride	*B*	**9.97**	mg/Kg	5	1.00

Sample: 115001 - GS-1B

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	34189	Date Analyzed:	2007-02-01	Analyzed By:	WR
Prep Batch:	29666	Sample Preparation:	2007-01-31	Prepared By:	WR

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		150	mg/Kg	1	150	100	70 - 130

Sample: 115001 - GS-1B

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	34155	Date Analyzed:	2007-01-31	Analyzed By:	ss
Prep Batch:	29636	Sample Preparation:		Prepared By:	ss

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.810	mg/Kg	1	1.00	81	70 - 130
4-Bromofluorobenzene (4-BFB)		1.10	mg/Kg	1	1.00	110	70 - 130

Sample: 115002 - GS-2

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	34187	Date Analyzed:	2007-02-01	Analyzed By:	AR
Prep Batch:	29664	Sample Preparation:	2007-01-31	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride	B	**7.42**	mg/Kg	5	1.00

Sample: 115002 - GS-2

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	34208	Date Analyzed:	2007-02-01	Analyzed By:	WR
Prep Batch:	29675	Sample Preparation:	2007-01-31	Prepared By:	WR

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		178	mg/Kg	1	150	119	70 - 130

Sample: 115002 - GS-2

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	34162	Date Analyzed:	2007-02-01	Analyzed By:	ss
Prep Batch:	29636	Sample Preparation:		Prepared By:	ss

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.833	mg/Kg	1	1.00	83	70 - 130
4-Bromofluorobenzene (4-BFB)		1.14	mg/Kg	1	1.00	114	70 - 130

Sample: 115003 - GS-3

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	34187	Date Analyzed:	2007-02-01	Analyzed By:	AR
Prep Batch:	29664	Sample Preparation:	2007-01-31	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride	*B*	**8.62**	mg/Kg	5	1.00

Sample: 115003 - GS-3

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	34208	Date Analyzed:	2007-02-01	Analyzed By:	WR
Prep Batch:	29675	Sample Preparation:	2007-01-31	Prepared By:	WR

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		167	mg/Kg	1	150	111	70 - 130

Sample: 115003 - GS-3

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	34155	Date Analyzed:	2007-01-31	Analyzed By:	ss
Prep Batch:	29636	Sample Preparation:		Prepared By:	ss

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.825	mg/Kg	1	1.00	82	70 - 130
4-Bromofluorobenzene (4-BFB)		1.10	mg/Kg	1	1.00	110	70 - 130

Sample: 115004 - GS-4

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	34187	Date Analyzed:	2007-02-01	Analyzed By:	AR
Prep Batch:	29664	Sample Preparation:	2007-01-31	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride	B	**10.1**	mg/Kg	5	1.00

Sample: 115004 - GS-4

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	34189	Date Analyzed:	2007-02-01	Analyzed By:	WR
Prep Batch:	29666	Sample Preparation:	2007-01-31	Prepared By:	WR

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		135	mg/Kg	1	150	90	70 - 130

Sample: 115004 - GS-4

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	34155	Date Analyzed:	2007-01-31	Analyzed By:	ss
Prep Batch:	29636	Sample Preparation:		Prepared By:	ss

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.814	mg/Kg	1	1.00	81	70 - 130
4-Bromofluorobenzene (4-BFB)		1.09	mg/Kg	1	1.00	109	70 - 130

Sample: 115005 - GS-5

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	34187	Date Analyzed:	2007-02-01	Analyzed By:	AR
Prep Batch:	29664	Sample Preparation:	2007-01-31	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride	B	**9.04**	mg/Kg	5	1.00

Sample: 115005 - GS-5

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	34189	Date Analyzed:	2007-02-01	Analyzed By:	WR
Prep Batch:	29666	Sample Preparation:	2007-01-31	Prepared By:	WR

Parameter	Flag	Result	RL Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		139	mg/Kg	1	150	93	70 - 130

Sample: 115005 - GS-5

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	34155	Date Analyzed:	2007-01-31	Analyzed By:	ss
Prep Batch:	29636	Sample Preparation:		Prepared By:	ss

Parameter	Flag	Result	RL Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.823	mg/Kg	1	1.00	82	70 - 130
4-Bromofluorobenzene (4-BFB)		1.09	mg/Kg	1	1.00	109	70 - 130

Sample: 115006 - GS-6

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	34187	Date Analyzed:	2007-02-01	Analyzed By:	AR
Prep Batch:	29664	Sample Preparation:	2007-01-31	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride	B	**8.09**	mg/Kg	5	1.00

Sample: 115006 - GS-6

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	34208	Date Analyzed:	2007-02-01	Analyzed By:	WR
Prep Batch:	29675	Sample Preparation:	2007-01-31	Prepared By:	WR

Parameter	Flag	Result	RL	Units	Dilution	RL
DRO		<50.0		mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		159	mg/Kg	1	150	106	70 - 130

Sample: 115006 - GS-6

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	34155	Date Analyzed:	2007-01-31	Analyzed By:	ss
Prep Batch:	29636	Sample Preparation:		Prepared By:	ss

Parameter	Flag	Result	RL	Units	Dilution	RL
GRO		<1.00		mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.821	mg/Kg	1	1.00	82	70 - 130
4-Bromofluorobenzene (4-BFB)		1.10	mg/Kg	1	1.00	110	70 - 130

Sample: 115007 - GS-7

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	34187	Date Analyzed:	2007-02-01	Analyzed By:	AR
Prep Batch:	29664	Sample Preparation:	2007-01-31	Prepared By:	AR

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		<5.00		mg/Kg	5	1.00

Sample: 115007 - GS-7

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	34208	Date Analyzed:	2007-02-01	Analyzed By:	WR
Prep Batch:	29675	Sample Preparation:	2007-01-31	Prepared By:	WR

Parameter	Flag	Result	RL	Units	Dilution	RL
DRO		<50.0		mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		167	mg/Kg	1	150	111	70 - 130

Sample: 115007 - GS-7

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	34155	Date Analyzed:	2007-01-31	Analyzed By:	ss
Prep Batch:	29636	Sample Preparation:		Prepared By:	ss

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.823	mg/Kg	1	1.00	82	70 - 130
4-Bromofluorobenzene (4-BFB)		1.10	mg/Kg	1	1.00	110	70 - 130

Sample: 115008 - GS-8

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	34187	Date Analyzed:	2007-02-01	Analyzed By:	AR
Prep Batch:	29664	Sample Preparation:	2007-01-31	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride	*B*	**8.05**	mg/Kg	5	1.00

Sample: 115008 - GS-8

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	34208	Date Analyzed:	2007-02-01	Analyzed By:	WR
Prep Batch:	29675	Sample Preparation:	2007-01-31	Prepared By:	WR

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		166	mg/Kg	1	150	111	70 - 130

Sample: 115008 - GS-8

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	34155	Date Analyzed:	2007-01-31	Analyzed By:	ss
Prep Batch:	29636	Sample Preparation:		Prepared By:	ss

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.822	mg/Kg	1	1.00	82	70 - 130
4-Bromofluorobenzene (4-BFB)		1.10	mg/Kg	1	1.00	110	70 - 130

Sample: 115009 - GS-9

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	34188	Date Analyzed:	2007-02-01	Analyzed By:	AR
Prep Batch:	29665	Sample Preparation:	2007-01-31	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<5.00	mg/Kg	5	1.00

Sample: 115009 - GS-9

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	34208	Date Analyzed:	2007-02-01	Analyzed By:	WR
Prep Batch:	29675	Sample Preparation:	2007-01-31	Prepared By:	WR

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		156	mg/Kg	1	150	104	70 - 130

Sample: 115009 - GS-9

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	34155	Date Analyzed:	2007-01-31	Analyzed By:	ss
Prep Batch:	29636	Sample Preparation:		Prepared By:	ss

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.820	mg/Kg	1	1.00	82	70 - 130
4-Bromofluorobenzene (4-BFB)		1.09	mg/Kg	1	1.00	109	70 - 130

Sample: 115010 - GS-10

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	34188	Date Analyzed:	2007-02-01	Analyzed By:	AR
Prep Batch:	29665	Sample Preparation:	2007-01-31	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride	B	**8.09**	mg/Kg	5	1.00

Sample: 115010 - GS-10

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	34208	Date Analyzed:	2007-02-01	Analyzed By:	WR
Prep Batch:	29675	Sample Preparation:	2007-01-31	Prepared By:	WR

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		165	mg/Kg	1	150	110	70 - 130

Sample: 115010 - GS-10

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	34155	Date Analyzed:	2007-01-31	Analyzed By:	ss
Prep Batch:	29636	Sample Preparation:		Prepared By:	ss

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.821	mg/Kg	1	1.00	82	70 - 130
4-Bromofluorobenzene (4-BFB)		1.10	mg/Kg	1	1.00	110	70 - 130

Sample: 115011 - GS-11

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	34188	Date Analyzed:	2007-02-01	Analyzed By:	AR
Prep Batch:	29665	Sample Preparation:	2007-01-31	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride	B	**7.49**	mg/Kg	5	1.00

Sample: 115011 - GS-11

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	34208	Date Analyzed:	2007-02-01	Analyzed By:	WR
Prep Batch:	29675	Sample Preparation:	2007-01-31	Prepared By:	WR

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		149	mg/Kg	1	150	99	70 - 130

Sample: 115011 - GS-11

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	34155	Date Analyzed:	2007-01-31	Analyzed By:	ss
Prep Batch:	29636	Sample Preparation:		Prepared By:	ss

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.823	mg/Kg	1	1.00	82	70 - 130
4-Bromofluorobenzene (4-BFB)		1.09	mg/Kg	1	1.00	109	70 - 130

Sample: 115012 - GS-12

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	34188	Date Analyzed:	2007-02-01	Analyzed By:	AR
Prep Batch:	29665	Sample Preparation:	2007-01-31	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride	*B*	**7.46**	mg/Kg	5	1.00

Sample: 115012 - GS-12

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	34208	Date Analyzed:	2007-02-01	Analyzed By:	WR
Prep Batch:	29675	Sample Preparation:	2007-01-31	Prepared By:	WR

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		143	mg/Kg	1	150	95	70 - 130

Sample: 115012 - GS-12

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	34162	Date Analyzed:	2007-02-01	Analyzed By:	ss
Prep Batch:	29636	Sample Preparation:		Prepared By:	ss

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.827	mg/Kg	1	1.00	83	70 - 130
4-Bromofluorobenzene (4-BFB)		1.09	mg/Kg	1	1.00	109	70 - 130

Sample: 115013 - GS-13

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	34188	Date Analyzed:	2007-02-01	Analyzed By:	AR
Prep Batch:	29665	Sample Preparation:	2007-01-31	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride	B	**7.72**	mg/Kg	5	1.00

Sample: 115013 - GS-13

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	34208	Date Analyzed:	2007-02-01	Analyzed By:	WR
Prep Batch:	29675	Sample Preparation:	2007-01-31	Prepared By:	WR

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		158	mg/Kg	1	150	105	70 - 130

Sample: 115013 - GS-13

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	34162	Date Analyzed:	2007-02-01	Analyzed By:	ss
Prep Batch:	29636	Sample Preparation:		Prepared By:	ss

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.823	mg/Kg	1	1.00	82	70 - 130
4-Bromofluorobenzene (4-BFB)		1.09	mg/Kg	1	1.00	109	70 - 130

Sample: 115014 - GS-14

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	34188	Date Analyzed:	2007-02-01	Analyzed By:	AR
Prep Batch:	29665	Sample Preparation:	2007-01-31	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride	B	**7.85**	mg/Kg	5	1.00

Sample: 115014 - GS-14

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	34208	Date Analyzed:	2007-02-01	Analyzed By:	WR
Prep Batch:	29675	Sample Preparation:	2007-01-31	Prepared By:	WR

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		167	mg/Kg	1	150	111	70 - 130

Sample: 115014 - GS-14

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	34162	Date Analyzed:	2007-02-01	Analyzed By:	ss
Prep Batch:	29636	Sample Preparation:		Prepared By:	ss

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.820	mg/Kg	1	1.00	82	70 - 130
4-Bromofluorobenzene (4-BFB)		1.10	mg/Kg	1	1.00	110	70 - 130

Sample: 115015 - EAST PILE

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	34188	Date Analyzed:	2007-02-01	Analyzed By:	AR
Prep Batch:	29665	Sample Preparation:	2007-01-31	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride	B	**8.66**	mg/Kg	5	1.00

Sample: 115015 - EAST PILE

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	34208	Date Analyzed:	2007-02-01	Analyzed By:	WR
Prep Batch:	29675	Sample Preparation:	2007-01-31	Prepared By:	WR

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		154	mg/Kg	1	150	103	70 - 130

Sample: 115015 - EAST PILE

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	34162	Date Analyzed:	2007-02-01	Analyzed By:	ss
Prep Batch:	29636	Sample Preparation:		Prepared By:	ss

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.816	mg/Kg	1	1.00	82	70 - 130
4-Bromofluorobenzene (4-BFB)		1.10	mg/Kg	1	1.00	110	70 - 130

Sample: 115016 - WEST PILE

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	34188	Date Analyzed:	2007-02-01	Analyzed By:	AR
Prep Batch:	29665	Sample Preparation:	2007-01-31	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride	B	**8.66**	mg/Kg	5	1.00

Sample: 115016 - WEST PILE

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	34208	Date Analyzed:	2007-02-01	Analyzed By:	WR
Prep Batch:	29675	Sample Preparation:	2007-01-31	Prepared By:	WR

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		150	mg/Kg	1	150	100	70 - 130

Sample: 115016 - WEST PILE

Analysis: TPH GRO Analytical Method: S 8015B Prep Method: S 5035
QC Batch: 34162 Date Analyzed: 2007-02-01 Analyzed By: ss
Prep Batch: 29636 Sample Preparation: Prepared By: ss

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.822	mg/Kg	1	1.00	82	70 - 130
4-Bromofluorobenzene (4-BFB)		1.11	mg/Kg	1	1.00	111	70 - 130

Method Blank (1) QC Batch: 34155

QC Batch: 34155 Date Analyzed: 2007-01-31 Analyzed By: ss
Prep Batch: 29636 QC Preparation: 2007-01-30 Prepared By: ss

Parameter	Flag	MDL Result	Units	RL
GRO		<0.829	mg/Kg	1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.912	mg/Kg	1	1.00	91	70 - 130
4-Bromofluorobenzene (4-BFB)		0.964	mg/Kg	1	1.00	96	70 - 130

Method Blank (1) QC Batch: 34156

QC Batch: 34156 Date Analyzed: 2007-01-31 Analyzed By: ss
Prep Batch: 29648 QC Preparation: 2007-01-30 Prepared By: ss

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00270	mg/Kg	0.01
Toluene		<0.00320	mg/Kg	0.01
Ethylbenzene		<0.00340	mg/Kg	0.01
Xylene		<0.0104	mg/Kg	0.01

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.01	mg/Kg	1	1.00	101	69 - 113
4-Bromofluorobenzene (4-BFB)		0.914	mg/Kg	1	1.00	91	63.4 - 121

Method Blank (1) QC Batch: 34162

QC Batch: 34162 Date Analyzed: 2007-02-01 Analyzed By: ss
Prep Batch: 29636 QC Preparation: 2007-01-30 Prepared By: ss

Parameter	Flag	MDL Result	Units	RL
GRO		<0.829	mg/Kg	1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.914	mg/Kg	1	1.00	91	70 - 130
4-Bromofluorobenzene (4-BFB)		0.919	mg/Kg	1	1.00	92	70 - 130

Matrix Blank (1) QC Batch: 34187

QC Batch: 34187 Date Analyzed: 2007-02-01 Analyzed By: AR
Prep Batch: 29664 QC Preparation: 2007-01-31 Prepared By: AR

Parameter	Flag	MDL Result	Units	RL
Chloride		1.90	mg/Kg	1

Matrix Blank (1) QC Batch: 34188

QC Batch: 34188 Date Analyzed: 2007-02-01 Analyzed By: AR
Prep Batch: 29665 QC Preparation: 2007-01-31 Prepared By: AR

Parameter	Flag	MDL Result	Units	RL
Chloride		1.90	mg/Kg	1

Method Blank (1) QC Batch: 34189

QC Batch: 34189 Date Analyzed: 2007-02-01 Analyzed By: WR
Prep Batch: 29666 QC Preparation: 2007-02-01 Prepared By: WR

Parameter	Flag	MDL Result	Units	RL
DRO		<15.4	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		143	mg/Kg	1	150	95	70 - 130

Method Blank (1) QC Batch: 34208

QC Batch: 34208 Date Analyzed: 2007-02-01 Analyzed By: WR
Prep Batch: 29675 QC Preparation: 2007-02-01 Prepared By: WR

Parameter	Flag	MDL Result	Units	RL
DRO		<15.4	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		136	mg/Kg	1	150	91	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 34155 Date Analyzed: 2007-01-31 Analyzed By: ss
Prep Batch: 29636 QC Preparation: 2007-01-30 Prepared By: ss

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	8.33	mg/Kg	1	10.0	<0.829	83	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	8.84	mg/Kg	1	10.0	<0.829	88	70 - 130	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.18	1.13	mg/Kg	1	1.00	118	113	70 - 130
4-Bromofluorobenzene (4-BFB)	1.06	1.12	mg/Kg	1	1.00	106	112	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 34156 Date Analyzed: 2007-01-31 Analyzed By: ss
Prep Batch: 29648 QC Preparation: 2007-01-30 Prepared By: ss

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	1.05	mg/Kg	1	1.00	<0.00270	105	70 - 130
Toluene	1.06	mg/Kg	1	1.00	<0.00320	106	70 - 130
Ethylbenzene	1.07	mg/Kg	1	1.00	<0.00340	107	70 - 130
Xylene	3.22	mg/Kg	1	3.00	<0.0104	107	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	1.08	mg/Kg	1	1.00	<0.00270	108	70 - 130	3	20
Toluene	1.07	mg/Kg	1	1.00	<0.00320	107	70 - 130	1	20
Ethylbenzene	1.07	mg/Kg	1	1.00	<0.00340	107	70 - 130	0	20
Xylene	3.23	mg/Kg	1	3.00	<0.0104	108	70 - 130	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.985	0.961	mg/Kg	1	1.00	98	96	69 - 113
4-Bromofluorobenzene (4-BFB)	1.02	1.01	mg/Kg	1	1.00	102	101	63.4 - 121

Laboratory Control Spike (LCS-1)

QC Batch: 34162 Date Analyzed: 2007-02-01 Analyzed By: ss
Prep Batch: 29636 QC Preparation: 2007-01-30 Prepared By: ss

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	8.04	mg/Kg	1	10.0	<0.829	80	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	8.25	mg/Kg	1	10.0	<0.829	82	70 - 130	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.22	1.23	mg/Kg	1	1.00	122	123	70 - 130
4-Bromofluorobenzene (4-BFB)	1.05	1.06	mg/Kg	1	1.00	105	106	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 34187 Date Analyzed: 2007-02-01 Analyzed By: AR
Prep Batch: 29664 QC Preparation: 2007-01-31 Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	13.8	mg/Kg	1	12.5	2.03	95	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	13.6	mg/Kg	1	12.5	2.03	94	90 - 110	1	

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 34188 Date Analyzed: 2007-02-01 Analyzed By: AR
Prep Batch: 29665 QC Preparation: 2007-01-31 Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	13.6	mg/Kg	1	12.5	1.5	94	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	13.8	mg/Kg	1	12.5	1.5	95	90 - 110	1	

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 34189 Date Analyzed: 2007-02-01 Analyzed By: WR
Prep Batch: 29666 QC Preparation: 2007-02-01 Prepared By: WR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	243	mg/Kg	1	250	<15.4	97	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
DRO	235	mg/Kg	1	250	<15.4	94	70 - 130	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
n-Triacontane	139	145	mg/Kg	1	150	93	97	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 34208 Date Analyzed: 2007-02-01 Analyzed By: WR
Prep Batch: 29675 QC Preparation: 2007-02-01 Prepared By: WR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	202	mg/Kg	1	250	<15.4	81	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
DRO	232	mg/Kg	1	250	<15.4	93	70 - 130	14	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
n-Triacontane	131	137	mg/Kg	1	150	87	91	70 - 130

Matrix Spike (MS-1) Spiked Sample: 115093

QC Batch: 34155 Date Analyzed: 2007-01-31 Analyzed By: ss
Prep Batch: 29636 QC Preparation: 2007-01-30 Prepared By: ss

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	13.7	mg/Kg	1	10.0	1.2032	125	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	12.3	mg/Kg	1	10.0	1.2032	111	70 - 130	11	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT) [1,2]	0.653	0.644	mg/Kg	1	1	65	64	70 - 130
4-Bromofluorobenzene (4-BFB)	1.22	1.24	mg/Kg	1	1	122	124	70 - 130

Matrix Spike (MS-1) Spiked Sample: 114999

QC Batch: 34156 Date Analyzed: 2007-01-31 Analyzed By: ss
Prep Batch: 29648 QC Preparation: 2007-01-30 Prepared By: ss

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.951	mg/Kg	1	1.00	<0.00270	95	70 - 130
Toluene	0.989	mg/Kg	1	1.00	<0.00320	99	70 - 130
Ethylbenzene	1.01	mg/Kg	1	1.00	<0.00340	101	70 - 130
Xylene	3.07	mg/Kg	1	3.00	<0.0104	102	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.920	mg/Kg	1	1.00	<0.00270	92	70 - 130	3	20
Toluene	0.948	mg/Kg	1	1.00	<0.00320	95	70 - 130	4	20
Ethylbenzene	0.954	mg/Kg	1	1.00	<0.00340	95	70 - 130	6	20
Xylene	2.91	mg/Kg	1	3.00	<0.0104	97	70 - 130	5	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.970	1.03	mg/Kg	1	1	97	103	69 - 113

continued...

[1]Surrogate out due to peak interference.
[2]Surrogate out due to peak interference.

matrix spikes continued...

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
4-Bromofluorobenzene (4-BFB)	1.08	1.06	mg/Kg	1	1	108	106	63.4 - 121

Matrix Spike (MS-1) Spiked Sample: 115002

QC Batch: 34162 Date Analyzed: 2007-02-01 Analyzed By: ss
Prep Batch: 29636 QC Preparation: 2007-01-30 Prepared By: ss

Param		MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	[3]	5.77	mg/Kg	1	10.0	<0.829	50	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param		MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	[4]	6.17	mg/Kg	1	10.0	<0.829	54	70 - 130	7	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate		MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	[5]	0.745	0.638	mg/Kg	1	1	74	64	70 - 130
4-Bromofluorobenzene (4-BFB)		1.15	1.15	mg/Kg	1	1	115	115	70 - 130

Matrix Spike (MS-1) Spiked Sample: 115008

QC Batch: 34187 Date Analyzed: 2007-02-01 Analyzed By: AR
Prep Batch: 29664 QC Preparation: 2007-01-31 Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	66.0	mg/Kg	5	62.5	8.0495	93	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	67.8	mg/Kg	5	62.5	8.0495	96	90 - 110	3	

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 115016

QC Batch: 34188 Date Analyzed: 2007-02-01 Analyzed By: AR
Prep Batch: 29665 QC Preparation: 2007-01-31 Prepared By: AR

[3] Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[4] Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[5] Surrogate out due to peak interference.

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	66.4	mg/Kg	5	62.5	8.6555	92	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	66.7	mg/Kg	5	62.5	8.6555	93	90 - 110	0	

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 114999

QC Batch: 34189 Date Analyzed: 2007-02-01 Analyzed By: WR
Prep Batch: 29666 QC Preparation: 2007-02-01 Prepared By: WR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	209	mg/Kg	1	250	<15.4	84	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
DRO	254	mg/Kg	1	250	<15.4	102	70 - 130	19	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
n-Triacontane	132	138	mg/Kg	1	150	88	92	70 - 130

Matrix Spike (MS-1) Spiked Sample: 115002

QC Batch: 34208 Date Analyzed: 2007-02-01 Analyzed By: WR
Prep Batch: 29675 QC Preparation: 2007-02-01 Prepared By: WR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	187	mg/Kg	1	250	<15.4	75	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
DRO	181	mg/Kg	1	250	<15.4	72	70 - 130	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
n-Triacontane	146	146	mg/Kg	1	150	97	97	70 - 130

Standard (ICV-1)

QC Batch: 34155 Date Analyzed: 2007-01-31 Analyzed By: ss

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	0.913	91	85 - 115	2007-01-31

Standard (CCV-1)

QC Batch: 34155 Date Analyzed: 2007-01-31 Analyzed By: ss

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	1.01	101	85 - 115	2007-01-31

Standard (ICV-1)

QC Batch: 34156 Date Analyzed: 2007-01-31 Analyzed By: ss

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.104	104	85 - 115	2007-01-31
Toluene		mg/Kg	0.100	0.102	102	85 - 115	2007-01-31
Ethylbenzene		mg/Kg	0.100	0.102	102	85 - 115	2007-01-31
Xylene		mg/Kg	0.300	0.308	103	85 - 115	2007-01-31

Standard (CCV-1)

QC Batch: 34156 Date Analyzed: 2007-01-31 Analyzed By: ss

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.103	103	85 - 115	2007-01-31
Toluene		mg/Kg	0.100	0.102	102	85 - 115	2007-01-31
Ethylbenzene		mg/Kg	0.100	0.102	102	85 - 115	2007-01-31
Xylene		mg/Kg	0.300	0.307	102	85 - 115	2007-01-31

Standard (ICV-1)

QC Batch: 34162 Date Analyzed: 2007-02-01 Analyzed By: ss

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	0.994	99	85 - 115	2007-02-01

Standard (CCV-1)

QC Batch: 34162 Date Analyzed: 2007-02-01 Analyzed By: ss

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	1.01	101	85 - 115	2007-02-01

Standard (ICV-1)

QC Batch: 34187 Date Analyzed: 2007-02-01 Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	11.9	95	90 - 110	2007-02-01

Standard (CCV-1)

QC Batch: 34187 Date Analyzed: 2007-02-01 Analyzed By: AR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	12.0	96	90 - 110	2007-02-01

Standard (ICV-1)

QC Batch: 34188 Date Analyzed: 2007-02-01 Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	12.0	96	90 - 110	2007-02-01

Standard (CCV-1)

QC Batch: 34188 Date Analyzed: 2007-02-01 Analyzed By: AR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	12.0	96	90 - 110	2007-02-01

Standard (ICV-1)

QC Batch: 34189 Date Analyzed: 2007-02-01 Analyzed By: WR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	273	109	85 - 115	2007-02-01

Standard (CCV-1)

QC Batch: 34189 Date Analyzed: 2007-02-01 Analyzed By: WR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	241	96	85 - 115	2007-02-01

Standard (CCV-2)

QC Batch: 34189 Date Analyzed: 2007-02-01 Analyzed By: WR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	214	86	85 - 115	2007-02-01

Standard (ICV-1)

QC Batch: 34208 Date Analyzed: 2007-02-01 Analyzed By: WR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	219	88	85 - 115	2007-02-01

Standard (CCV-1)

QC Batch: 34208 Date Analyzed: 2007-02-01 Analyzed By: WR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	225	90	85 - 115	2007-02-01

Standard (CCV-2)

QC Batch: 34208 Date Analyzed: 2007-02-01 Analyzed By: WR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	215	86	85 - 115	2007-02-01

CHAIN—OF—CUSTODY RECORD

Larson & Associates, Inc.
Environmental Consultants
Fax: 432-687-0456
432-687-0901
507 N. Marienfeld, Ste. 202 • Midland, TX 79701

CLIENT NAME: TMS

SITE MANAGER: M. Larson

PROJECT NO.: 0-0100-73

PROJECT NAME: Teague 10"

PAGE 1 OF 1

LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: BTEX (8021B)	TPH (8015B)	Chlorides	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
1/29/07	1255		X		GS-1	1	✓	✓	✓		
	1300				GS-1A	1	✓	✓	✓		
	1310				GS-1B	1	✓	✓	✓		
	1315				GS-2	1		✓	✓		
	1325				GS-3	1		✓	✓		
	1330				GS-4	1		✓	✓		
	1338				GS-5	1		✓	✓		
	1345				GS-6	1		✓	✓		
	1350				GS-7	1		✓	✓		
	1355				GS-8	1		✓	✓		
	1358				GS-9	1		✓	✓		
	1409				GS-10	1		✓	✓		
	1410				GS-11	1		✓	✓		
	1412				G-12	1		✓	✓		
	1415				GS-13	1		✓	✓		
	1417				GS-14	1		✓	✓		
	1430				East Pit	1		✓	✓		
	1440				West Pit	1		✓	✓		

SAMPLED BY: (Signature) DATE: 1/29/07 TIME: 1440

RELINQUISHED BY: (Signature) DATE: 1/30/07 TIME: 9:40am

RECEIVED BY: (Signature) DATE: TIME:

RELINQUISHED BY: (Signature) DATE: 1/30/07 TIME:

RECEIVED BY: (Signature) DATE: TIME:

SAMPLE SHIPPED BY: (Circle)
FEDEX BUS AIRBILL #:
HAND DELIVERED UPS OTHER:

COMMENTS:

TURNAROUND TIME NEEDED: STD

RECEIVING LABORATORY: Trace Analysis Inc
ADDRESS: 5002 Basin St
CITY: Midland STATE: TX ZIP: 79703
CONTACT: A Comm PHONE:

RECEIVED BY: (Signature)
DATE: 1-30-07 TIME: 9:40am

WHITE – RECEIVING LAB
YELLOW – RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK – PROJECT MANAGER
GOLD – QA/QC COORDINATOR

SAMPLE CONDITION WHEN RECEIVED: 2.5°C intact

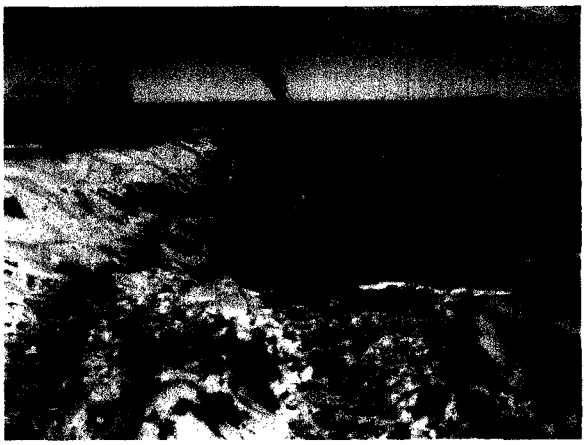
LA CONTACT PERSON: Michelle R. Green

SAMPLE TYPE: Soil

APPENDIX B

Photographs

TARGA MIDSTREAM SERVICES, L. P.
TEAGUE 10" HIGH PRESSURE PIPELINE

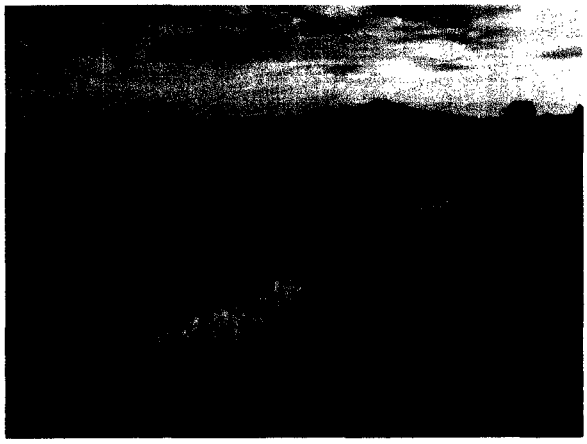


1. 1RP-1188, Targa Midstream Services, L.P., Teague High Pressure 10" (Site #73) - Repairing Pipeline, Looking North

2. 1RP-1188, Targa Midstream Services, L.P., Teague High Pressure 10" (Site #73) - Pipeline After Repair, Looking North

3. 1RP-1188, Targa Midstream Services, L.P., Teague High Pressure 10" (Site #73) - Pipeline After Repair, Looking South

TARGA MIDSTREAM SERVICES, L. P.
TEAGUE 10" HIGH PRESSURE PIPELINE



4. 1RP-1188, Targa Midstream Services, L.P., Teague High Pressure 10" (Site #73) - Pipeline After Repair, Looking Southeast

5. 1RP-1188, Targa Midstream Services, L.P., Teague High Pressure 10" (Site #73) - Pipeline After Repair, Looking Northeast

APPENDIX C

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

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

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

1RP-1188

Release Notification ~~and Corrective~~ Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: Targa Midstream Services, L.P.	Contact: Cal Wrangham
Address: 6 Desta Drive, Suite 3200, Midland, Texas 79705	Telephone No.: (432) 688-0452
Facility Name: Site #73 (Teague 10" High Pressure)	Facility Type: Natural Gas Pipeline

Surface Owner: J. T. Dinwiddie	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County: Lea
A	18	23S	37E					

100'

Latitude: N32.31096167 **Longitude:** W103.19363500

NATURE OF RELEASE

Type of Release: Natural Gas and Liquids	Volume of Release: 350 mcf of gas and estimated at less than 5 bbl of liquid	Volume Recovered: None
Source of Release: 16" Gas Pipeline Failure	Date and Hour of Occurrence: 01/18/2007/14:00 hrs	Date and Hour of Discovery: Same
Was Immediate Notice Given? ☐ Yes ☐ No ☐ Not Required	If YES, To Whom? Buddy Hill and NMOCD District Emergency Pager	
By Whom? Cal Wrangham, James Lingnau,	Date and Hour: 01/18/2007 15:00 hrs.	
Was a Watercourse Reached? ☐ Yes ☐ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken: Split in ten (10) inch gathering line released approximately 350 mcf of gas and any produced liquids that were lying in line. Line was immediately blocked by the field operator. Root cause of pipeline failure is not known. Excavation equipment dispatched to location to expose line, located approximately nine (9) feet below ground surface, to assess failure and make repairs.

Describe Area Affected and Cleanup Action Taken: The release was limited to an area measuring approximately 10 x 25 feet. Soil was excavated from the affected area to approximately ten (1) feet below ground surface (bgs) to expose the pipeline. Excavated soil is piled east and west of the excavation. No wells or surface water is present within 1,000 horizontal feet and ground water is greater than 100 feet bgs. Soil samples (17) collected from the bottom and sides of the trench and piles were analyzed for benzene, BTEX, TPH and chloride and showed no concentrations above the RRAL of 10 mg/Kg (benzene), 50 mg/Kg (BTEX) and 5,000 mg/Kg (TPH). Chloride was less than 250 mg/Kg in all samples. (5,000 mg/Kg). Request permission to cover release with stock piled soil. The laboratory reports, photographs, site drawing, final C-141 will be included in final report to NMOCD week of 02/12/2007.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	OIL CONSERVATION DIVISION	
Printed Name: Mark J. Larson	Approved by District ~~Supervisor~~: ENVIRONMENTAL ENGINEER	
Title: Sr. Project Manager, Larson and Associates, Inc. (Agent)	Approval Date: 2.16.07	Expiration Date: —
E-mail Address: mark@laenvironmental.com	Conditions of Approval: —	Attached ☐
Date: 02/14//2007 Phone: (432) 687-0901 (Office) (432) 556-8656 (Cell)		

* See Attached Data Table and Laboratory Report

facility - fPAC0705025513 incident - nPAC0705025630 application - pPAC0705025776