



January 24, 2011

RECEIVED OCD

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Mr. Glenn Von Gonten
State of New Mexico – Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: 2010 Surface Waste Management Annual Report
Targa Midstream Services, L.P., Eunice Gas Plant (GW-005)
Lea County, New Mexico

Dear Mr. Von Gonten:

The enclosed report is submitted to the New Mexico Oil Conservation Division on behalf of Targa Midstream Services, L. P. (Targa) to present the results of Surface Waste Management monitoring performed at the Eunice Gas Plant for the 2010 calendar year.

If you have any questions or concerns, please call me at 432.687.0901 to discuss.

Sincerely,
LARSON & ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read 'Michelle L. Green', is written over the typed name.

Michelle L. Green
Environmental Scientist

Attachments 2010 Surface Waste Management Annual Report

CC Mr. Cal Wrangham, Targa Midstream Services, L.P.
Mr. Gary Maricle, Targa Midstream Services, L.P.
Mr. Geoffrey Leking, OCD Hobbs Office

**2010 SURFACE WASTE MANAGEMENT
ANNUAL REPORT
Eunice Gas Plant
(GW-005)
Lea County, New Mexico**

Project No. 6-0108

January 18, 2011

Prepared for:
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January 18, 2011

Table of Content

1.0	Executive Summary	1
2.0	Surface Waste Management Operations.....	1
2.1	Vadose Zone Samples	1
2.1.1	Organic Sample Results.....	2
2.1.2	Metals Sample Results	2
2.1.3	Chloride Sample Results.....	2
2.2	Treatment (Tilled) Zone Soil Samples	3
2.2.1	Organic Sample Results.....	3
2.2.2	Chloride Sample Results.....	3
2.3	Future Surface Waste Management Plan	3

List of Tables

Table 1	2010 Vadose Zone BTEX Analytical Summary
Table 2	2010 Vadose Zone TPH Analytical Summary
Table 3	2010 Vadose Zone Metals Analytical Summary
Table 4	2010 Vadose Zone Chloride Analytical Summary
Table 5	2010 Treatment Zone BTEX Analytical Summary
Table 6	2010 Treatment Zone TPH and Chloride Analytical Summary

List of Figures

Figure 1	Facility Location Map
Figure 2	Aerial Photograph
Figure 3	Facility Drawing

List of Appendices

Appendix A	Laboratory Analytical Reports (CD ROM)
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January 18, 2011

1.0 Executive Summary

This report presents the 2010 summary results for the centralized surface waste management facility (Facility) at the Targa Midstream, L.P. (Targa) Gas Plant located in Unit B (NW/4, NE/4), Section 3, Township 22 South, Range 37 East, Eunice, Lea County, New Mexico (Site or Property, Figure 1). The Facility operates under New Mexico Oil Conservation Division (OCD) discharge permit GW-005.

The following activities were conducted during the past year:

- Vadose and Treatment Zone Sampling Event on March 8-9, 2010
- Treatment Zone Sampling Event on June 10, 2010
- Vadose and Treatment Zone Sampling Event on September 27, 2010
- Treatment Zone Sampling Event on December 20, 2010

2.0 Surface Waste Management Operations

On October 23, 2006, the OCD approved the renewal application for discharge permit GW-005 that included approval for Targa to construct and operate a centralized surface waste management facility to treat non-hazardous petroleum contaminated soil from its operations. The surface waste management facility is comprised of two cells. Cell 1 is divided into three sub-cells labeled A through C, and occupies approximately 2.19 acres. Cell 2 is divided into four (4) sub-cells labeled A through D, and occupies approximately 3 acres. An aerial photograph is presented in Figure 2. The Facility drawing presented as Figure 3 depicts the location of these two cells.

The OCD discharge permit allows the facility to "spread contaminated soils on the surface in eight-inch or less lifts or approximately 1,000 cubic yards (CY) per acre per eight-inch lift". The facility total from 2006 to present for Cell 1 is 578.5 CY and 3,480 CY for Cell 2. The land farm did not accept any soil during 2010.

On July 14, 2006, July 18, 2006, October 4, 2006, November 20, 2006, and November 29, 2006, Larson & Associates, Inc., (LAI) personnel collected background samples from Cells 1 and 2 (sub-cells A, B and C). The background sample for Cell 2 sub-cell D was collected on October 12, 2007. The samples were collected from approximately 3 to 4 feet below native ground surface (bngs). Samples were placed in pre-cleaned four ounce jars, properly labeled and placed on ice upon collection. The background samples were analyzed for the New Mexico Water Quality Control Commission (WQCC) presented in 20 NMAC 6.2.3103 and summarized in Tables 1 through 4.

2.1 Vadose Zone Samples

Vadose zone samples were collected on March 9 and September 27, 2010, from approximately 3 to 4 feet bgs. LAI personnel collected vadose zone samples from Cell 1 and Cell 2 using an air rotary rig due to caliche and the methods previously described. During each semi-annual event, four locations were randomly selected from each cell and all the samples were analyzed for the following constituents:

- BTEX
- TPH (GRO and DRO)
- Metals
- Anions

January 18, 2011

Tables 1 – 4 present summaries of BTEX, TPH, metals, and chloride analyses, respectfully. Laboratory reports are presented in Appendix A.

2.1.1 Organic Sample Results

Sample results from Cells 1 (sub-cells A, B, and C) and 2 (sub-cells A, B, C, and D) were below detection limits for the BTEX constituents.

For the March 9, 2010 sampling event, TPH was below detection limits for Cells 1 and 2. For the September 27, 2010 sampling event TPH was detected in Cells 1 and 2. TPH was detected in samples from Cell 1C (8.71 ppm) and Cell 2A (9.82 ppm) but the results were below the established background level (<10 ppm). Results for Cell 2D (10.8 ppm) exhibited TPH above the background level (<10 ppm). This may be due to cross-contamination from the treatment zone.

2.1.2 Metals Sample Results

March 9, 2010 Sampling Event

Arsenic in vadose zone samples collected for Cells 1B, 1C, 2A, and 2C was slightly above the background concentration, but are within what is considered normal natural system distribution. Barium was detected above background concentrations for Cells 1A, 1B, 1C, 2A, 2C and 2D. Cadmium was detected above the background concentration for Cell 1C. Chromium was detected above background concentrations for Cells 1B, 2A, 2B, and 2D. Lead was above the individual cell background concentration for Cells 1B, 1C, 2A, 2B, 2C, and 2D. Selenium was above the background concentration (0.163 ppm) in vadose zone samples for Cell 1B. The concentrations of arsenic, chromium, lead and selenium in the vadose zone samples are within the normal variation expected in a soil matrix.

September 27, 2010 Sampling Event

Vadose zone samples, Cell 1B, 1C, 2C, and 2D exceeded the established background concentration for arsenic, but are within normal natural system distribution. Barium was detected above background in Cells 1A, 1B, 1C, 2A, 2C, and 2D. Cadmium was detected above the background concentration for Cell 1C. Chromium was detected above background concentrations for Cells 1A, 2A, 2C, and 2D. Lead was slightly above the individual cell background concentration for Cells 1C, 2A, 2B, 2C, and 2D. Selenium was above the background concentrations (0.163 ppm) in vadose zone samples for Cell 1B. The concentrations of arsenic, chromium, lead and selenium in the vadose zone samples are within the normal variation expected in a soil matrix.

2.1.3 Chloride Sample Results

March 9, 2010 Sampling Event

Chloride samples collected from Cell 1A, 1B, 1C, 2A, 2C, and Cell 2D exceeded the established background concentration for each individual cell. This may be attributed to effects from the past land uses.

September 27, 2010 Sampling Event

Chloride samples collected from Cell 1B, 1C, 2C, and Cell 2D exceeded the established background concentration for each individual cell. This may be attributed to effects from the past land uses.

January 18, 2011

2.2 Treatment (Tilled) Zone Soil Samples

Per OCD permit requirements, four 5-part composite soil samples were collected from the Cell 1 (sub-Cells A, B, and C) and Cell 2 (sub-Cells A, C, and D) treatment (tilled) zone on March 8, June 10, September 27 and December 20, 2009.

Collected samples were retrieved from 0-1 foot depth of the tilled zone using a hand auger. Sample aliquots were immediately placed in pre-cleaned 4-ounce jars, properly labeled, and iced upon collection. The samples were shipped via LoneStar Overnight, under custody seals and chain of custody to DHL. The samples were analyzed for BTEX, TPH, and chloride.

Table 5 presents a summary of the BTEX analysis. Table 6 presents a summary of the TPH and chloride analyses. Laboratory reports are included in Appendix A.

2.2.1 Organic Sample Results

BTEX constituents were below detection limits for all the samples collected in Cell 1 and Cell 2.

TPH was detected below the permit threshold of 500 ppm in treatment zone samples from Cells 1A and 1B for the first, second, third and fourth quarterly events. TPH was detected above the permit threshold of 500 ppm in treatment zone samples from Cell 1C for the first and fourth quarterly events. Composite samples collected from Cells 2A, 2B, 2C, and 2D exceeded the 500 ppm permit threshold during 2010.

2.2.2 Chloride Sample Results

Chloride was detected in Cell 2B during the first and second quarterly events (774 and 1,300 ppm, respectively). The chloride results for the remaining Cells were below the 500 ppm permit threshold.

2.3 2011 Surface Waste Management Plan

Soil from Cells 1A and 1B was used in conjunction with filling the excavated area near MW-3 as, discussed with the OCD during a meeting with Targa and LAI representatives on January 5, 2011.

Targa will continue bi-weekly tilling of Cell 1C and Cell 2 to promote volatilization and microbial degradation. The next quarterly treatment zone and semi-annual events are scheduled for March 2011. Analytical data will be submitted to OCD within 45 days following receipt of the final report for the first semi-annual sampling event.

Table 1
Summary of BTEX Analysis of Vadose Zone Soil Samples
Targa Midstream Services - Eunice Middle Plant Discharge Permit (GW-005)
Lea County, New Mexico

Date	Cell Number	Cell Letter	Sample Number	Sample Depth (Feet)	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX
Background Sample									
07/14/06	1	A	Cell 1A	3 - 4	<0.025	<0.025	<0.025	<0.050	<0.125
04/16/08	1	A	Cell 1A	3 - 4	<0.0011	<0.0011	<0.0011	<0.0011	ND
10/28/08	1	A	Cell 1A	3 - 4	<0.00308	<0.00513	<0.00513	<0.00513	ND
02/19/09	1	A	Cell 1A	3 - 4	<0.00323	<0.00538	<0.00538	<0.00538	ND
09/29/09	1	A	Cell 1A	3 - 4	<0.00313	<0.00522	<0.00522	<0.00522	ND
03/09/10	1	A	Cell 1A	3 - 4	<0.00304	<0.00507	<0.00507	<0.00507	ND
09/27/10	1	A	Cell 1A	3 - 4	<0.00322	<0.00537	<0.00537	<0.00537	ND
Background Sample									
07/14/06	1	B	Cell 1B	3 - 4	<0.025	<0.025	<0.025	<0.050	<0.125
04/16/08	1	B	Cell 1B	3 - 4	<0.00096	<0.00096	<0.00096	<0.00096	ND
10/28/08	1	B	Cell 1B	3 - 4	<0.00329	<0.00548	<0.00548	<0.00548	ND
02/19/09	1	B	Cell 1B	3 - 4	<0.00311	<0.00519	<0.00519	<0.00519	ND
09/29/09	1	B	Cell 1B	3 - 4	<0.00295	<0.00491	<0.00491	<0.00491	ND
03/09/10	1	B	Cell 1B	3 - 4	<0.00329	<0.00549	<0.00549	<0.00549	ND
09/27/10	1	B	Cell 1B	3 - 4	<0.00344	<0.00574	<0.00574	<0.00574	ND
Background Sample									
07/14/06	1	C	Cell 1C	3 - 4	<0.025	<0.025	<0.025	<0.050	<0.125
04/16/08	1	C	Cell 1C	3 - 4	<0.00106	0.0965	<0.00106	0.0583	0.1818
04/16/08	1	C	Cell 1C-1	3 - 4	<0.001	<0.001	<0.001	<0.001	ND
10/28/08	1	C	Cell 1C	3 - 4	<0.00293	<0.00489	<0.00489	<0.00489	ND
10/28/08	1	C	Cell 1C-1	3 - 4	<0.00268	<0.00446	<0.00446	<0.00446	ND
02/19/09	1	C	Cell 1C	3 - 4	<0.00325	<0.00541	<0.00541	<0.00541	ND
02/19/09	1	C	Cell 1C-1	3 - 4	<0.00358	<0.00597	<0.00597	<0.00597	ND
09/29/09	1	C	Cell 1C	3 - 4	<0.00310	<0.00516	<0.00516	<0.00516	ND
09/29/09	1	C	Cell 1C-1	3 - 4	<0.00318	<0.00531	<0.00531	<0.00531	ND
03/09/10	1	C	Cell 1C	3 - 4	<0.00320	<0.00534	<0.00534	<0.00534	ND
03/09/10	1	C	Cell 1C-1	3 - 4	<0.00328	<0.00547	<0.00547	<0.00547	ND

Table 1
Summary of BTEX Analysis of Vadose Zone Soil Samples
Targa Midstream Services - Eunice Middle Plant Discharge Permit (GW-005)
Lea County, New Mexico

Date	Cell Number	Cell Letter	Sample Number	Sample Depth (Feet)	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX
09/27/10	1	C	Cell 1C	3 - 4	<0.00295	<0.00492	<0.00492	<0.00492	ND
09/27/10	1	C	Cell 1C-1	3 - 4	<0.00306	<0.00510	<0.00510	<0.00510	ND
Background Sample									
07/14/06	2	A	Cell 2A	3 - 4	<0.025	<0.025	<0.025	<0.050	<0.125
04/16/08	2	A	Cell 2A	3 - 4	<0.000992	<0.000992	<0.000992	<0.000992	ND
10/28/08	2	A	Cell 2A	3 - 4	<0.00298	<0.00497	<0.00497	<0.00497	ND
02/19/09	2	A	Cell 2A	3 - 4	<0.00296	<0.00493	<0.00493	<0.00493	ND
09/29/09	2	A	Cell 2A	3 - 4	<0.00286	<0.00476	<0.00476	<0.00476	ND
03/09/10	2	A	Cell 2A	3 - 4	<0.00322	<0.00536	<0.00536	<0.00536	ND
09/27/10	2	A	Cell 2A	3 - 4	<0.00297	<0.00495	<0.00495	<0.00495	ND
Background Sample									
07/14/06	2	B	Cell 2B	3 - 4	<0.025	<0.025	<0.025	<0.050	<0.125
04/16/08	2	B	Cell 2B	3 - 4	<0.000982	<0.000982	<0.000982	<0.000982	ND
10/28/08	2	B	Cell 2B	3 - 4	<0.00291	<0.00485	<0.00485	<0.00485	ND
02/19/09	2	B	Cell 2B	3 - 4	<0.00322	<0.00536	<0.00536	<0.00536	ND
09/29/09	2	B	Cell 2B	3 - 4	<0.00299	<0.00498	<0.00498	<0.00498	ND
03/09/10	2	B	Cell 2B	3 - 4	<0.00340	<0.00566	<0.00566	<0.00566	ND
09/27/10	2	B	Cell 2B	3 - 4	<0.00316	<0.00526	<0.00526	<0.00526	ND
Background Sample									
07/14/06	2	C	Cell 2C	3 - 4	<0.025	<0.025	<0.025	<0.050	<0.125
04/16/08	2	C	Cell 2C	3 - 4	<0.000907	<0.000907	<0.000907	<0.000907	ND
10/28/08	2	C	Cell 2C	3 - 4	<0.00301	<0.00502	<0.00502	<0.00502	ND
02/19/09	2	C	Cell 2C	3 - 4	<0.00280	<0.00466	<0.00466	<0.00466	ND
9/29/019	2	C	Cell 2C	3 - 4	<0.00337	<0.00562	<0.00562	<0.00562	ND
03/09/10	2	C	Cell 2C	3 - 4	<0.00289	<0.00481	<0.00481	<0.00481	ND
09/27/10	2	C	Cell 2C	3 - 4	<0.00290	<0.00483	<0.00483	<0.00483	ND

Table 1
Summary of BTEX Analysis of Vadose Zone Soil Samples
Targa Midstream Services - Eunice Middle Plant Discharge Permit (GW-005)
Lea County, New Mexico

Date	Cell Number	Cell Letter	Sample Number	Sample Depth (Feet)	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX
Background Sample									
07/14/06	2	D	Cell 2D	3 - 4	<0.025	<0.025	<0.025	<0.050	<0.125
04/16/08	2	D	Cell 2D	3 - 4	<0.000832	<0.000832	<0.000832	<0.000832	ND
10/28/08	2	D	Cell 2D	3 - 4	<0.00270	<0.00450	<0.00450	<0.00450	ND
02/19/09	2	D	Cell 2D	3 - 4	<0.00292	<0.00487	<0.00487	<0.00487	ND
09/29/09	2	D	Cell 2D	3 - 4	<0.00328	<0.00547	<0.00547	<0.00547	ND
03/09/10	2	D	Cell 2D	3 - 4	<0.00336	<0.00561	<0.00561	<0.00561	ND
09/27/10	2	D	Cell 2D	3 - 4	<0.00295	<0.00491	<0.00491	<0.00491	ND

Notes: Analysis performed by DHL Analytical, Round Rock, TX
Results are reported in milligram per Kilograms (mg/Kg).

1. <: Below method detection limit

Table 2
Summary of TPH Analysis of Vadose Zone Soil Samples
Targa Midstream Services - Eunice Middle Plant Discharge Permit (GW-005)
Lea County, New Mexico

Date	Cell Number	Cell Letter	Sample Number	Sample Depth (Feet)	TPH - GRO C6-C10	TPH - DRO C10-C28	Total TPH
Background Sample							
11/20/06	1	A	Cell 1A	3 - 4	<10	<10	<10
04/16/08	1	A	Cell 1A	3 - 4	<0.0630	<3.23	ND
10/28/08	1	A	Cell 1A	3 - 4	<0.0655	<3.28	ND
02/19/09	1	A	Cell 1A	3 - 4	0.0619	9.97	10.03
09/29/09	1	A	Cell 1A	3 - 4	<0.0999	<3.27	ND
03/09/10	1	A	Cell 1A	3 - 4	<0.101	<6.37	ND
09/27/10	1	A	Cell 1A	3 - 4	<0.112	<3.16	ND
Background Sample							
11/29/06	1	B	Cell 1B	3 - 4	<10	<10	<10
04/16/08	1	B	Cell 1B	3 - 4	<0.0608	<2.98	ND
10/28/08	1	B	Cell 1B	3 - 4	<0.0631	<3.44	ND
02/19/09	1	B	Cell 1B	3 - 4	<0.0632	3.34	3.34
09/29/09	1	B	Cell 1B	3 - 4	<0.110	<3.08	ND
03/09/10	1	B	Cell 1B	3 - 4	<0.109	<6.56	ND
09/27/10	1	B	Cell 1B	3 - 4	<0.115	<3.19	ND
Background Sample							
11/29/06	1	C	Cell 1C	3 - 4	<10	<10	<10
04/16/08	1	C	Cell 1C	3 - 4	14.4	336	350.4
04/16/08	1	C	Cell 1C-1	3 - 4	<0.063	<3.05	ND
10/28/08	1	C	Cell 1C	3 - 4	<0.0569	<3.26	ND
10/28/08	1	C	Cell 1C-1	3 - 4	<0.0615	<3.09	ND
02/19/09	1	C	Cell 1C	3 - 4	<0.0621	3.55	3.55
02/19/09	1	C	Cell 1C-1	3 - 4	<0.0655	5.21	5.21
09/29/09	1	C	Cell 1C	3 - 4	<0.101	<3.15	ND
09/29/09	1	C	Cell 1C-1	3 - 4	<0.104	<3.04	ND
03/09/10	1	C	Cell 1C	3 - 4	<0.105	<3.01	ND
03/09/10	1	C	Cell 1C-1	3 - 4	<0.108	<6.36	ND

Table 2
Summary of TPH Analysis of Vadose Zone Soil Samples
Targa Midstream Services - Eunice Middle Plant Discharge Permit (GW-005)
Lea County, New Mexico

Date	Cell Number	Cell Letter	Sample Number	Sample Depth (Feet)	TPH - GRO C6-C10	TPH - DRO C10-C28	Total TPH
09/27/10	1	C	Cell 1C	3 - 4	<0.104	8.71	8.71
09/27/10	1	C	Cell 1C-1	3 - 4	<0.112	<3.19	ND
Background Sample							
11/29/06	2	A	Cell 2A	3 - 4	<10	<10	<10
04/16/08	2	A	Cell 2A	3 - 4	<0.0665	<3.17	ND
10/28/08	2	A	Cell 2A	3 - 4	<0.0591	7.93	7.93
02/19/09	2	A	Cell 2A	3 - 4	<0.0623	3.55	3.55
09/29/09	2	A	Cell 2A	3 - 4	<0.103	<3.17	ND
03/09/10	2	A	Cell 2A	3 - 4	<0.113	<6.88	ND
09/27/10	2	A	Cell 2A	3 - 4	<0.0916	9.82	9.82
Background Sample							
11/29/06	2	B	Cell 2B	3 - 4	<10	<10	<10
04/16/08	2	B	Cell 2B	3 - 4	<0.062	<2.94	ND
10/28/08	2	B	Cell 2B	3 - 4	0.103	25.5	25.603
02/19/09	2	B	Cell 2B	3 - 4	<0.0690	14.5	14.5
09/29/09	2	B	Cell 2B	3 - 4	<0.102	<3.17	ND
03/09/10	2	B	Cell 2B	3 - 4	<0.115	<6.43	ND
09/27/10	2	B	Cell 2B	3 - 4	<0.103	<3.08	ND
Background Sample							
11/29/06	2	C	Cell 2C	3 - 4	<10	<10	<10
04/16/08	2	C	Cell 2C	3 - 4	<0.0628	<3.1	ND
10/28/08	2	C	Cell 2C	3 - 4	<0.0573	<3.24	ND
02/19/09	2	C	Cell 2C	3 - 4	<0.0536	4.10	4.10
09/29/09	2	C	Cell 2C	3 - 4	<0.0999	<3.25	ND
03/09/10	2	C	Cell 2C	3 - 4	<0.102	<6.41	ND
09/27/10	2	C	Cell 2C	3 - 4	<0.0984	<3.26	ND

Table 2
Summary of TPH Analysis of Vadose Zone Soil Samples
Targa Midstream Services - Eunice Middle Plant Discharge Permit (GW-005)
Lea County, New Mexico

Date	Cell Number	Cell Letter	Sample Number	Sample Depth (Feet)	TPH - GRO C6-C10	TPH - DRO C10-C28	Total TPH
Background Sample							
11/29/06	2	D	Cell 2D	3 - 4	<10	<10	<10
04/16/08	2	D	Cell 2D	3 - 4	<0.0577	<3.1	ND
10/28/08	2	D	Cell 2D	3 - 4	<0.0527	16.1	16.1
02/19/09	2	D	Cell 2D	3 - 4	<0.0546	4.22	4.22
09/29/09	2	D	Cell 2D	3 - 4	<0.104	<3.25	ND
03/09/10	2	D	Cell 2D	3 - 4	<0.107	<6.60	ND
09/27/10	2	D	Cell 2D	3 - 4	<0.0935	10.8	10.8

Notes: Analysis performed by DHL Analytical, Round Rock, TX
Results are reported in milligram per Kilograms (mg/Kg).

1. <: Below method detection limit

Table 3
Summary of Metals Analysis of Vadose Zone Soil Samples
Targa Midstream Services - Eunice Middle Plant Discharge Permit (GW-005)
Lea County, New Mexico

Date	Cell Number	Cell Letter	Sample Number	Sample Depth (feet)	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
Background Sample												
10/04/06	1	A	Cell 1A	3 - 4	7.02	133	0.405	3.15	4.30	0.008814	1.18	0.29
04/16/08	1	A	Cell 1A	3 - 4	3.81	276	0.142	3.69	2.06	<0.0173	0.498	<0.104
10/28/08	1	A	Cell 1A	3 - 4	3.28	220	0.136	6.83	2.87	<0.0151	1.11	<0.0963
02/19/09	1	A	Cell 1A	3 - 4	3.15	188	0.139	5.14	2.53	0.0148	0.564	<0.102
09/29/09	1	A	Cell 1A	3 - 4	2.70	129	0.118	4.32	2.79	0.0153	0.356	<0.0997
03/09/10	1	A	Cell 1A	3 - 4	4.49	182	0.138	2.40	0.956	<0.0174	0.272	<0.106
09/27/10	1	A	Cell 1A	3 - 4	4.69	198	0.119	9.36	2.47	<0.0178	0.314	<0.103
Background Sample												
10/04/06	1	B	Cell 1B	3 - 4	2.94	99.1	<0.173	5.27	2.17	0.0105	0.163	0.242
04/16/08	1	B	Cell 1B	3 - 4	1.56	25.2	<0.102	6.22	3.22	<0.0159	0.516	<0.102
10/28/08	1	B	Cell 1B	3 - 4	3.77	190	<0.108	4.50	2.60	<0.0171	0.841	<0.108
02/19/09	1	B	Cell 1B	3 - 4	3.60	232	0.103	4.35	2.09	<0.0153	0.502	<0.0982
09/29/09	1	B	Cell 1B	3 - 4	4.93	173	<0.0948	2.30	1.13	<0.0153	0.253	<0.0948
03/09/10	1	B	Cell 1B	3 - 4	3.42	184	0.171	7.35	3.18	<0.0168	0.416	<0.107
09/27/10	1	B	Cell 1B	3 - 4	4.44	279	0.0945	2.29	1.34	<0.00955	0.266	<0.0573
Background Sample												
10/04/06	1	C	Cell 1C	3 - 4	2.43	116	<0.173	5.27	1.51	0.00374	<0.751	0.235
04/16/08	1	C	Cell 1C	3 - 4	3.67	321	0.114	1.80	0.766	<0.0163	<0.16	<0.107
04/16/08	1	C	Cell 1C-1	3 - 4	3.62	140	<0.102	2.77	1.230	<0.0158	0.575	<0.102
10/28/08	1	C	Cell 1C	3 - 4	3.43	292	<0.0952	1.58	0.968	<0.0147	0.484	<0.0952
10/28/08	1	C	Cell 1C-1	3 - 4	3.43	292	<0.0952	1.58	0.968	<0.0147	0.484	<0.0952
02/19/09	1	C	Cell 1C	3 - 4	3.18	192	0.246	5.31	3.55	<0.0138	1.10	<0.111
02/19/09	1	C	Cell 1C-1	3 - 4	2.14	165	0.189	4.32	2.21	<0.00721	0.937	<0.00617
09/29/09	1	C	Cell 1C	3 - 4	3.14	190	<0.100	2.44	1.20	<0.0155	0.250	<0.100
09/29/09	1	C	Cell 1C-1	3 - 4	3.42	170	0.130	1.97	1.02	<0.0147	0.277	<0.0982
03/09/10	1	C	Cell 1C	3 - 4	3.64	188	0.240	5.25	2.29	<0.0164	0.434	<0.102
03/09/10	1	C	Cell 1C-1	3 - 4	3.97	165	0.186	3.72	2.57	<0.0160	0.499	<0.106

Table 3
Summary of Metals Analysis of Vadose Zone Soil Samples
Targa Midstream Services - Eunice Middle Plant Discharge Permit (GW-005)
Lea County, New Mexico

Date	Cell Number	Cell Letter	Sample Number	Sample Depth (feet)	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
09/27/10	1	C	Cell 1C	3 - 4	3.35	164	0.319	4.13	3.77	<0.00861	0.627	<0.0549
09/27/10	1	C	Cell 1C-1	3 - 4	4.39	186	<0.103	2.16	0.866	<0.0179	0.217	<0.103
Background Sample												
07/18/06	2	A	Cell 2A	3 - 4	6.02	481	<0.346	2.09	0.61	0.01469	<0.751	<0.202
04/16/08	2	A	Cell 2A	3 - 4	5.48	134	<0.102	2.62	1.53	<0.0172	0.334	<0.102
10/28/08	2	A	Cell 2A	3 - 4	3.70	1,290	<0.101	1.40	1.18	<0.0170	0.355	<0.101
02/19/09	2	A	Cell 2A	3 - 4	6.45	504	<0.0910	1.59	0.458	<0.0138	0.236	<0.0995
09/29/09	2	A	Cell 2A	3 - 4	4.72	575	<0.0988	2.01	1.99	<0.0164	0.260	<0.0988
03/09/10	2	A	Cell 2A	3 - 4	7.04	324	0.158	2.60	1.61	<0.0184	0.387	<0.115
09/27/10	2	A	Cell 2A	3 - 4	4.03	274	0.127	2.42	1.13	<0.0149	0.247	<0.0986
Background Sample												
07/18/06	2	B	Cell 2B	3 - 4	6.59	1,210	<0.346	2.50	0.57	0.01566	<0.751	<0.202
04/16/08	2	B	Cell 2B	3 - 4	4.27	767	<0.095	2.58	1.03	<0.0158	0.241	<0.095
10/28/08	2	B	Cell 2B	3 - 4	6.01	468	<0.102	2.72	1.73	<0.0158	0.623	<0.102
02/19/09	2	B	Cell 2B	3 - 4	6.30	588	0.153	22.1	2.08	0.0386	0.745	<0.00583
09/29/09	2	B	Cell 2B	3 - 4	5.33	341	<0.101	4.92	1.02	0.0154	0.374	<0.101
03/09/10	2	B	Cell 2B	3 - 4	3.83	138	0.185	15.4	3.07	<0.0164	0.590	<0.109
09/27/10	2	B	Cell 2B	3 - 4	5.19	607	<0.0936	2.05	1.00	<0.0155	<0.140	<0.0936
Background Sample												
07/18/06	2	C	Cell 2C	3 - 4	4.20	195	<0.346	2.9	0.77	0.0160	<0.751	<0.202
04/16/08	2	C	Cell 2C	3 - 4	5.29	1,150	<0.0934	1.65	0.73	<0.0163	0.267	<0.0934
10/28/08	2	C	Cell 2C	3 - 4	3.57	702	<0.0967	2.39	1.71	<0.0152	0.570	<0.0967
02/19/09	2	C	Cell 2C	3 - 4	6.22	307	0.100	8.52	1.35	0.0170	0.702	<0.102
09/29/09	2	C	Cell 2C	3 - 4	5.10	656	<0.111	1.97	1.16	<0.0177	0.286	<0.111
03/09/10	2	C	Cell 2C	3 - 4	4.67	526	<0.106	2.03	1.10	<0.0164	0.274	<0.106
09/27/10	2	C	Cell 2C	3 - 4	6.28	559	<0.104	11.9	1.00	<0.0154	0.277	<0.104

Table 3
Summary of Metals Analysis of Vadose Zone Soil Samples
Targa Midstream Services - Eunice Middle Plant Discharge Permit (GW-005)
Lea County, New Mexico

Date	Cell Number	Cell Letter	Sample Number	Sample Depth (feet)	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
Background Sample												
10/12/07	2	D	Cell 2D	2 - 3	4.40	500	<0.25	1.90	0.63	<0.032	1.400	0.32
04/16/08	2	D	Cell 2D	3 - 4	3.28	634	<0.1	5.97	1.50	<0.0165	0.391	<0.1
10/28/08	2	D	Cell 2D	3 - 4	3.05	1,140	<0.0940	3.29	1.90	<0.0166	0.603	<0.0940
02/19/09	2	D	Cell 2D	3 - 4	5.64	339	0.175	3.51	2.61	0.0170	0.911	<0.103
09/29/09	2	D	Cell 2D	3 - 4	4.30	928	<0.106	8.42	1.78	<0.0162	0.401	<0.106
03/09/10	2	D	Cell 2D	3 - 4	3.29	501	<0.103	3.46	2.24	<0.0171	0.295	<0.103
09/27/10	2	D	Cell 2D	3 - 4	5.89	638	0.103	2.97	1.56	<0.0157	0.308	<0.101

Notes: Analysis performed by DHL Analytical, Round Rock, TX
Results are reported in milligram per Kilograms (mg/Kg).

1. Feet: Depth in feet below cell
2. <: Less than method detection limit

Table 4
Summary of Chloride Analysis of Vadose Zone Soil Samples
Targa Midstream Services - Eunice Middle Plant Discharge Permit (GW-005)
Lea County, New Mexico

	Cell Number	Cell Letter	Sample Number	Sample Depth (Feet)	Chloride
Background Sample					
10/04/06	1	A	Cell 1A	3 - 4	400
04/16/08	1	A	Cell 1A	3 - 4	3,710
10/28/08	1	A	Cell 1A	3 - 4	1,210
02/19/09	1	A	Cell 1A	3 - 4	704
09/29/09	1	A	Cell 1A	3 - 4	372
03/09/10	1	A	Cell 1A	3 - 4	4,020
09/27/10	1	A	Cell 1A	3 - 4	43.5
Background Sample					
10/04/06	1	B	Cell 1B	3 - 4	589
04/16/08	1	B	Cell 1B	3 - 4	25.3
10/28/08	1	B	Cell 1B	3 - 4	1,770
02/19/09	1	B	Cell 1B	3 - 4	20,500
09/29/09	1	B	Cell 1B	3 - 4	24.4
03/09/10	1	B	Cell 1B	3 - 4	9,510
09/27/10	1	B	Cell 1B	3 - 4	1,150
Background Sample					
10/04/06	1	C	Cell 1C	3 - 4	115
04/16/08	1	C	Cell 1C	3 - 4	1,190
04/16/08	1	C	Cell 1C-1	3 - 4	52.8
10/28/08	1	C	Cell 1C	3 - 4	80.6
10/28/08	1	C	Cell 1C-1	3 - 4	14.1
02/19/09	1	C	Cell 1C	3 - 4	312
02/19/09	1	C	Cell 1C-1	3 - 4	122
09/29/09	1	C	Cell 1C	3 - 4	1,500
09/29/09	1	C	Cell 1C-1	3 - 4	131
03/09/10	1	C	Cell 1C	3 - 4	670
03/09/10	1	C	Cell 1C-1	3 - 4	231
09/27/10	1	C	Cell 1C	3 - 4	60.7

Table 4
Summary of Chloride Analysis of Vadose Zone Soil Samples
Targa Midstream Services - Eunice Middle Plant Discharge Permit (GW-005)
Lea County, New Mexico

	Cell Number	Cell Letter	Sample Number	Sample Depth (Feet)	Chloride
09/27/10	1	C	Cell 1C-1	3 - 4	4,100
Background Sample					
07/18/06	2	A	Cell 2A	3 - 4	320
04/16/08	2	A	Cell 2A	3 - 4	31.9
10/28/08	2	A	Cell 2A	3 - 4	18.3
02/19/09	2	A	Cell 2A	3 - 4	11.0
09/29/09	2	A	Cell 2A	3 - 4	43.1
03/09/10	2	A	Cell 2A	3 - 4	568
09/27/10	2	A	Cell 2A	3 - 4	31.0
Background Sample					
07/18/06	2	B	Cell 2B	3 - 4	241
04/16/08	2	B	Cell 2B	3 - 4	<5.26
10/28/08	2	B	Cell 2B	3 - 4	45.8
02/19/09	2	B	Cell 2B	3 - 4	220
09/29/09	2	B	Cell 2B	3 - 4	154
03/09/10	2	B	Cell 2B	3 - 4	6.35
09/27/10	2	B	Cell 2B	3 - 4	18.8
Background Sample					
07/18/06	2	C	Cell 2C	3 - 4	5.28
04/16/08	2	C	Cell 2C	3 - 4	<5.23
10/28/08	2	C	Cell 2C	3 - 4	75.3
02/19/09	2	C	Cell 2C	3 - 4	15.6
09/29/09	2	C	Cell 2C	3 - 4	324
03/09/10	2	C	Cell 2C	3 - 4	273
09/27/10	2	C	Cell 2C	3 - 4	15.3

Table 4
Summary of Chloride Analysis of Vadose Zone Soil Samples
Targa Midstream Services - Eunice Middle Plant Discharge Permit (GW-005)
Lea County, New Mexico

	Cell Number	Cell Letter	Sample Number	Sample Depth (Feet)	Chloride
Background Sample					
10/12/07	2	D	Cell 2D	2 - 3	6.0
04/16/08	2	D	Cell 2D	3 - 4	132
10/28/08	2	D	Cell 2D	3 - 4	14.1
02/19/09	2	D	Cell 2D	3 - 4	134
09/29/09	2	D	Cell 2D	3 - 4	8.19
03/09/10	2	D	Cell 2D	3 - 4	37.0
09/27/10	2	D	Cell 2D	3 - 4	22.3

Notes: Analysis performed by DHL Analytical, Round Rock, TX
Results are reported in milligram per Kilograms (mg/Kg).

1. Feet: Depth in feet below cell
2. <: Less than method detection limit

Table 5
Summary of BTEX Analyses of Treatment Zone Soil Samples
Targa Midstream Services - Eunice Middle Gas Plant Discharge Permit (GW-005)
Lea County, New Mexico

Date	Cell Number	Cell Letter	Sample Number	Sample Depth (Feet)	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX
Action Level (mg/Kg):					0.2				50
3/13/2008	1	A	Cell 1A	0 - 1	<0.00308	<0.00513	<0.00513	<0.00513	ND
6/27/2008	1	A	Cell 1A	0 - 1	<0.00314	<0.00524	<0.00524	<0.00524	ND
9/25/2008	1	A	Cell 1A	0 - 1	<0.00293	<0.00488	<0.00488	<0.00488	ND
11/6/2008	1	A	Cell 1A	0 - 1	<0.000871	<0.000871	<0.000871	<0.000871	ND
2/19/2009	1	A	Cell 1A	0 - 1	<0.00297	<0.00495	<0.00495	<0.00495	ND
6/26/2009	1	A	Cell 1A	0 - 1	<0.00314	<0.00523	<0.00523	<0.00523	ND
9/29/2009	1	A	Cell 1A	0 - 1	<0.00292	<0.00487	<0.00487	<0.00487	ND
12/22/2009	1	A	Cell 1A	0 - 1	<0.00271	<0.00451	<0.00451	<0.00451	ND
3/8/2010	1	A	Cell 1A	0 - 1	<0.00288	<0.00480	<0.00480	<0.00480	ND
6/10/2010	1	A	Cell 1A	0 - 1	<0.00311	<0.00519	<0.00519	<0.00519	ND
9/27/2010	1	A	Cell 1A	0 - 1	<0.00288	<0.00481	<0.00481	<0.00481	ND
12/20/2010	1	A	Cell 1A	0 - 1	<0.00317	<0.00529	<0.00529	<0.00529	ND
3/13/2008	1	B	Cell 1B	0 - 1	<0.00271	<0.00452	<0.00452	<0.00452	ND
6/27/2008	1	B	Cell 1B	0 - 1	<0.00292	0.0278	<0.00486	0.533	0.5608
6/27/2008	1	B	Cell 1B-1	0 - 1	<0.00365	0.0265	0.0155	0.454	0.4805
9/25/2008	1	B	Cell 1B	0 - 1	<0.00306	<0.00510	<0.00510	<0.00510	ND
11/6/2008	1	B	Cell 1B	0 - 1	<0.000989	<0.000989	<0.000989	<0.000989	ND
2/19/2009	1	B	Cell 1B	0 - 1	<0.00285	<0.00475	<0.00475	<0.00475	ND
6/26/2009	1	B	Cell 1B	0 - 1	<0.00344	<0.00574	<0.00574	<0.00574	ND
9/29/2009	1	B	Cell 1B	0 - 1	<0.00304	<0.00507	<0.00507	<0.00507	ND
12/22/2009	1	B	Cell 1B	0 - 1	<0.00310	<0.00517	<0.00517	<0.00517	ND
3/8/2010	1	B	Cell 1B	0 - 1	<0.00309	<0.00515	<0.00515	<0.00515	ND
6/10/2010	1	B	Cell 1B	0 - 1	<0.00285	<0.00474	<0.00474	<0.00474	ND
9/27/2010	1	B	Cell 1B	0 - 1	<0.00317	<0.00528	<0.00528	<0.00528	ND
12/20/2010	1	B	Cell 1B	0 - 1	<0.00307	<0.00511	<0.00511	<0.00511	ND
3/13/2008	1	C	Cell 1C	0 - 1	<0.00273	<0.00455	<0.00455	<0.00455	ND
3/13/2008	1	C	Cell 1C-1	0 - 1	<0.00277	<0.00461	<0.00461	<0.00461	ND

Table 5
Summary of BTEX Analyses of Treatment Zone Soil Samples
Targa Midstream Services - Eunice Middle Gas Plant Discharge Permit (GW-005)
Lea County, New Mexico

Date	Cell Number	Cell Letter	Sample Number	Sample Depth (Feet)	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX
Action Level (mg/Kg):					0.2				50
6/27/2008	1	C	Cell 1C	0 - 1	<0.000993	<0.000993	<0.000993	<0.000993	ND
9/25/2008	1	C	Cell 1C	0 - 1	<0.00271	<0.00452	<0.00452	<0.00452	ND
9/25/2008	1	C	Cell 1C-1	0 - 1	<0.00368	<0.00614	<0.00614	<0.00614	ND
11/6/2008	1	C	Cell 1C	0 - 1	<0.00284	<0.00474	<0.00474	<0.00474	ND
11/6/2008	1	C	Cell 1C-1	0 - 1	<0.00281	<0.00468	<0.00468	<0.00468	ND
2/19/2009	1	C	Cell 1C	0 - 1	<0.00269	<0.00449	<0.00449	<0.00449	ND
2/19/2009	1	C	Cell 1C-1	0 - 1	<0.00286	<0.00477	<0.00477	<0.00477	ND
6/26/2009	1	C	Cell 1C	0 - 1	<0.00347	<0.00578	<0.00578	<0.00578	ND
6/26/2009	1	C	Cell 1C-1	0 - 1	<0.00349	<0.00581	<0.00581	<0.00581	ND
9/29/2009	1	C	Cell 1C	0 - 1	<0.00295	<0.00492	<0.00492	<0.00492	ND
9/29/2009	1	C	Cell 1C-1	0 - 1	<0.00293	<0.00488	<0.00488	<0.00488	ND
12/22/2009	1	C	Cell 1C	0 - 1	<0.00285	<0.00475	<0.00475	<0.00475	ND
12/22/2009	1	C	Cell 1C-1	0 - 1	<0.00368	<0.00613	<0.00613	<0.00613	ND
3/8/2010	1	C	Cell 1C	0 - 1	<0.00324	<0.00539	<0.00539	<0.00539	ND
3/8/2010	1	C	Cell 1C-1	0 - 1	<0.00311	<0.00519	<0.00519	<0.00519	ND
6/10/2010	1	C	Cell 1C	0 - 1	<0.00279	<0.00465	<0.00465	<0.00465	ND
6/10/2010	1	C	Cell 1C-1	0 - 1	<0.00346	<0.00576	<0.00576	<0.00576	ND
9/27/2010	1	C	Cell 1C	0 - 1	<0.00323	<0.00538	<0.00538	<0.00538	ND
9/27/2010	1	C	Cell 1C-1	0 - 1	<0.00306	<0.00509	<0.00509	<0.00509	ND
12/20/2010	1	C	Cell 1C	0 - 1	<0.00315	<0.00525	<0.00525	<0.00525	ND
12/20/2010	1	C	Cell 1C-1	0 - 1	<0.00286	<0.00477	<0.00477	<0.00477	ND
3/13/2008	2	A	Cell 2A	0 - 1	<0.00290	0.0100	0.00865	0.0451	0.0638
3/13/2008	2	A	Cell 2A-1	0 - 1	<0.00350	0.00680	<0.00583	0.144	0.1508
6/27/2008	2	A	Cell 2A	0 - 1	<0.00286	<0.00476	<0.00476	0.0258	0.0258
9/25/2008	2	A	Cell 2A	0 - 1	<0.00302	<0.00503	<0.00503	<0.00503	ND
11/6/2008	2	A	Cell 2A	0 - 1	<0.00307	<0.00511	<0.00511	<0.00511	ND
2/19/2009	2	A	Cell 2A	0 - 1	<0.00332	<0.00553	<0.00553	<0.00553	ND
6/26/2009	2	A	Cell 2A	0 - 1	<0.00379	<0.00632	<0.00632	<0.00632	ND

Table 5
Summary of BTEX Analyses of Treatment Zone Soil Samples
Targa Midstream Services - Eunice Middle Gas Plant Discharge Permit (GW-005)
Lea County, New Mexico

Date	Cell Number	Cell Letter	Sample Number	Sample Depth (Feet)	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX
Action Level (mg/Kg):					0.2			50	
9/29/2009	2	A	Cell 2A	0 - 1	<0.00300	<0.00500	<0.00500	<0.00500	ND
12/22/2009	2	A	Cell 2A	0 - 1	<0.00286	<0.00476	<0.00476	<0.00476	ND
3/8/2010	2	A	Cell 2A	0 - 1	<0.00290	<0.00483	<0.00483	<0.00483	ND
6/10/2010	2	A	Cell 2A	0 - 1	<0.00323	<0.00539	<0.00539	<0.00539	ND
9/27/2010	2	A	Cell 2A	0 - 1	<0.00315	<0.00525	<0.00525	<0.00525	ND
12/20/2010	2	A	Cell 2A	0 - 1	<0.00296	<0.00493	<0.00493	<0.00493	ND
6/27/2008	2	B	Cell 2B	0 - 1	<0.00323	0.496	<0.00538	4.61	5.1060
9/25/2008	2	B	Cell 2B	0 - 1	<0.00296	0.0329	<0.00493	0.135	0.1679
11/6/2008	2	B	Cell 2B	0 - 1	<0.00290	0.0117	<0.00484	<0.00484	0.0117
2/19/2009	2	B	Cell 2B	0 - 1	<0.00285	<0.00475	<0.00475	0.0165	0.0165
6/26/2009	2	B	Cell 2B	0 - 1	<0.00412	<0.00687	<0.00687	<0.00687	ND
9/29/2009	2	B	Cell 2B	0 - 1	<0.00335	<0.00559	<0.00559	<0.00559	ND
12/22/2009	2	B	Cell 2B	0 - 1	<0.00275	<0.00458	<0.00458	<0.00458	ND
3/8/2010	2	B	Cell 2B	0 - 1	<0.00325	<0.00542	<0.00542	<0.00542	ND
6/10/2010	2	B	Cell 2B	0 - 1	<0.00304	<0.00507	<0.00507	<0.00507	ND
9/27/2010	2	B	Cell 2B	0 - 1	<0.00347	<0.00578	<0.00578	<0.00578	ND
12/20/2010	2	B	Cell 2B	0 - 1	<0.00301	<0.00502	<0.00502	<0.00502	ND
3/13/2008	2	C	Cell 2C	0 - 1	<0.00295	0.122	0.184	0.935	1.241
6/27/2008	2	C	Cell 2C	0 - 1	<0.00275	<0.00458	<0.00458	0.00540	0.00540
9/25/2008	2	C	Cell 2C	0 - 1	<0.00275	<0.00458	<0.00458	<0.00458	ND
11/6/2008	2	C	Cell 2C	0 - 1	<0.00286	<0.00477	<0.00477	<0.00477	ND
2/19/2009	2	C	Cell 2C	0 - 1	<0.00299	<0.00499	<0.00499	<0.00499	ND
6/26/2009	2	C	Cell 2C	0 - 1	<0.00333	<0.00555	<0.00555	<0.00555	ND
9/29/2009	2	C	Cell 2C	0 - 1	<0.00293	<0.00488	<0.00488	<0.00488	ND
12/22/2009	2	C	Cell 2C	0 - 1	<0.00289	<0.00482	<0.00482	<0.00482	ND
3/8/2010	2	C	Cell 2C	0 - 1	<0.00293	<0.00489	<0.00489	<0.00489	ND
6/10/2010	2	C	Cell 2C	0 - 1	<0.00295	<0.00492	<0.00492	<0.00492	ND

Table 5
Summary of BTEX Analyses of Treatment Zone Soil Samples
Targa Midstream Services - Eunice Middle Gas Plant Discharge Permit (GW-005)
Lea County, New Mexico

Date	Cell Number	Cell Letter	Sample Number	Sample Depth (Feet)	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX
Action Level (mg/Kg):					0.2				50
9/27/2010	2	C	Cell 2C	0 - 1	<0.00315	<0.00525	<0.00525	<0.00525	ND
12/20/2010	2	C	Cell 2C	0 - 1	<0.00292	<0.00487	<0.00487	<0.00487	ND
3/13/2008	2	D	Cell 2D	0 - 1	<0.00261	<0.00435	<0.00435	<0.00435	ND
6/27/2008	2	D	Cell 2D	0 - 1	<0.00308	<0.00514	<0.00514	<0.00514	ND
9/25/2008	2	D	Cell 2D	0 - 1	<0.00280	<0.00467	<0.00467	<0.00467	ND
11/6/2008	2	D	Cell 2D	0 - 1	<0.00299	<0.00499	<0.00499	<0.00499	ND
2/19/2009	2	D	Cell 2D	0 - 1	<0.00329	<0.00548	<0.00548	<0.00548	ND
6/26/2009	2	D	Cell 2D	0 - 1	<0.00340	<0.00567	<0.00567	<0.00567	ND
9/29/2009	2	D	Cell 2D	0 - 1	<0.00292	<0.00487	<0.00487	<0.00487	ND
12/22/2009	2	D	Cell 2D	0 - 1	<0.00317	<0.00528	<0.00528	<0.00528	ND
3/8/2010	2	D	Cell 2D	0 - 1	<0.00325	<0.00541	<0.00541	<0.00541	ND
6/10/2010	2	D	Cell 2D	0 - 1	<0.00291	<0.00485	<0.00485	<0.00485	ND
9/27/2010	2	D	Cell 2D	0 - 1	<0.00318	<0.00530	<0.00530	<0.00530	ND
12/20/2010	2	D	Cell 2D	0 - 1	<0.00284	<0.00474	<0.00474	<0.00474	ND

Notes: Analysis performed by DHL Analytical, Round Rock, TX
Results are reported in milligram per kilogram (mg/Kg)

1. <: Below method detection limit
ND Not Detected

Table 6
Summary of TPH and Chloride Analyses of Treatment Zone Soil Samples
Targa Midstream Services - Eunice Middle Gas Plant Discharge Permit (GW-005)
Lea County, New Mexico

Date	Cell Number	Cell Letter	Sample Number	Sample Depth (Feet)	TPH - GRO C6-C10	TPH - DRO C10-C28	Total TPH	Chloride
Action Level (mg/Kg):							500	500
3/13/2008	1	A	Cell 1A	0 - 1	<0.0616	427	427	114
6/27/2008	1	A	Cell 1A	0 - 1	<0.0603	141	141	154
9/25/2008	1	A	Cell 1A	0 - 1	<0.0564	98.6	98.6	10.5
11/6/2008	1	A	Cell 1A	0 - 1	<0.0607	370	370	10.6
2/19/2009	1	A	Cell 1A	0 - 1	<0.0559	150	150	26.5
6/26/2009	1	A	Cell 1A	0 - 1	<0.0709	175	175	15.9
9/29/2009	1	A	Cell 1A	0 - 1	<0.0968	215	215	14.5
12/22/2009	1	A	Cell 1A	0 - 1	<0.0933	76.5	76.5	27.6
3/8/2010	1	A	Cell 1A	0 - 1	<0.0938	156	156	<5.25
6/10/2010	1	A	Cell 1A	0 - 1	<0.104	189	189	14.0
9/27/2010	1	A	Cell 1A	0 - 1	<0.101	34.5	34.5	<5.35
12/20/2010	1	A	Cell 1A	0 - 1	<0.101	134	134	<5.24
3/13/2008	1	B	Cell 1B	0 - 1	<0.0523	<1.46	<1.51	51.4
6/27/2008	1	B	Cell 1B	0 - 1	2.20	132	134	71.7
6/27/2008	1	B	Cell 1B-1	0 - 1	2.75	118	118	24.1
9/25/2008	1	B	Cell 1B	0 - 1	<0.0576	239	239	30.9
11/6/2008	1	B	Cell 1B-1	0 - 1	<0.0616	131	131	65.9
2/19/2009	1	B	Cell 1B	0 - 1	<0.0542	595	595	57.9
6/26/2009	1	B	Cell 1B	0 - 1	<0.0632	551	551	39.8
9/29/2009	1	B	Cell 1B	0 - 1	<0.962	22.4	22.4	28.7
12/22/2009	1	B	Cell 1B	0 - 1	<0.0955	40.5	40.5	40.6
3/8/2010	1	B	Cell 1B	0 - 1	<0.102	39.3	39.3	19.5
6/10/2010	1	B	Cell 1B	0 - 1	<0.0915	21.6	21.6	12.7
9/27/2010	1	B	Cell 1B	0 - 1	<0.0948	31.5	31.5	<5.39
12/20/2010	1	B	Cell 1B	0 - 1	<0.0938	38.5	38.5	<5.18
3/13/2008	1	C	Cell 1C	0 - 1	0.0689	1,970	1,970	254
3/13/2008	1	C	Cell 1C-1	0 - 1	0.099	1,910	1,910	180

Table 6
Summary of TPH and Chloride Analyses of Treatment Zone Soil Samples
Targa Midstream Services - Eunice Middle Gas Plant Discharge Permit (GW-005)
Lea County, New Mexico

Date	Cell Number	Cell Letter	Sample Number	Sample Depth (Feet)	TPH - GRO C6-C10	TPH - DRO C10-C28	Total TPH	Chloride
Action Level (mg/Kg):							500	500
6/27/2008	1	C	Cell 1C	0 - 1	<0.0596	762	762	191
9/25/2008	1	C	Cell 1C	0 - 1	<0.0566	563	563	233
9/25/2008	1	C	Cell 1C-1	0 - 1	<0.0653	595	595	252
11/6/2008	1	C	Cell 1C	0 - 1	<0.0568	636	636	103
11/6/2008	1	C	Cell 1C-1	0 - 1	<0.0628	600	600	579
2/19/2009	1	C	Cell 1C	0 - 1	<0.0568	1,100	1,100	135
2/19/2009	1	C	Cell 1C-1	0 - 1	<0.0558	786	786	117
6/26/2009	1	C	Cell 1C	0 - 1	<0.0664	357	357	72.9
6/26/2009	1	C	Cell 1C-1	0 - 1	<0.0794	300	300	81.0
9/29/2009	1	C	Cell 1C	0 - 1	<0.100	398	398	305
9/29/2009	1	C	Cell 1C-1	0 - 1	<0.102	274	274	606
12/22/2009	1	C	Cell 1C	0 - 1	<0.101	286	286	340
12/22/2009	1	C	Cell 1C-1	0 - 1	<0.119	217	217	23.1
3/8/2010	1	C	Cell 1C	0 - 1	<0.106	625	625	43.0
3/8/2010	1	C	Cell 1C-1	0 - 1	<0.101	185	185	7.82
6/10/2010	1	C	Cell 1C	0 - 1	<0.104	334	334	152
6/10/2010	1	C	Cell 1C-1	0 - 1	<0.123	88.6	88.6	13.1
9/27/2010	1	C	Cell 1C	0 - 1	<0.0980	215	215	111
9/27/2010	1	C	Cell 1C-1	0 - 1	<0.0984	112	112	130
12/20/2010	1	C	Cell 1C	0 - 1	<0.104	570	570	68.5
12/20/2010	1	C	Cell 1C-1	0 - 1	<0.0966	209	209	306
3/13/2008	2	A	Cell 2A	0 - 1	2.92	5,430	5,433	291
3/13/2008	2	A	Cell 2A-1	0 - 1	4.33	7,150	7,158	353
6/27/2008	2	A	Cell 2A	0 - 1	1.06	4,280	4,281	221
9/25/2008	2	A	Cell 2A	0 - 1	0.340	3,190	3,190	134
11/6/2008	2	A	Cell 2A	0 - 1	<0.0602	3,270	3,270	81.4
2/19/2009	2	A	Cell 2A	0 - 1	<0.0577	1,370	1,370	47.4
6/26/2009	2	A	Cell 2A	0 - 1	<0.0712	1,100	1,100	57.3

Table 6
Summary of TPH and Chloride Analyses of Treatment Zone Soil Samples
Targa Midstream Services - Eunice Middle Gas Plant Discharge Permit (GW-005)
Lea County, New Mexico

Date	Cell Number	Cell Letter	Sample Number	Sample Depth (Feet)	TPH - GRO C6-C10	TPH - DRO C10-C28	Total TPH	Chloride
Action Level (mg/Kg):							500	500
9/29/2009	2	A	Cell 2A	0 - 1	<0.915	1,930	1,930	182
12/22/2009	2	A	Cell 2A	0 - 1	<0.109	1,730	1,730	147
3/8/2010	2	A	Cell 2A	0 - 1	<0.107	3,270	3,270	47.7
6/10/2010	2	A	Cell 2A	0 - 1	<0.102	1,370	1,370	104
9/27/2010	2	A	Cell 2A	0 - 1	<0.113	506	506	10.1
12/20/2010	2	A	Cell 2A	0 - 1	<0.0900	1,740	1,710	49.4
6/27/2008	2	B	Cell 2B	0 - 1	22.1	4,990	5,012	3,320
9/25/2008	2	B	Cell 2B	0 - 1	13.5	5,230	5,244	950
11/6/2008	2	B	Cell 2B	0 - 1	6.42	5,890	5,896	1,070
2/19/2009	2	B	Cell 2B	0 - 1	3.68	6,750	6,754	1,240
6/26/2009	2	B	Cell 2B	0 - 1	1.51	2,830	2,831	269
9/29/2009	2	B	Cell 2B	0 - 1	<0.109	1,880	1,880	588
12/22/2009	2	B	Cell 2B	0 - 1	<0.103	2,970	2,970	1,300
3/8/2010	2	B	Cell 2B	0 - 1	<0.108	5,520	5,520	774
6/10/2010	2	B	Cell 2B	0 - 1	<0.0963	3,210	3,210	1,300
9/27/2010	2	B	Cell 2B	0 - 1	<0.114	782	782	175
12/20/2010	2	B	Cell 2B	0 - 1	<0.101	1,970	1,970	372
3/13/2008	2	C	Cell 2C	0 - 1	4.95	3,840	3,845	361
6/27/2008	2	C	Cell 2C	0 - 1	1.90	5,960	5,962	451
9/25/2008	2	C	Cell 2C	0 - 1	0.483	3,760	3,760	313
11/6/2008	2	C	Cell 2C	0 - 1	0.578	5,830	5,831	167
2/19/2009	2	C	Cell 2C	0 - 1	0.265	4,400	4,400	261
6/26/2009	2	C	Cell 2C	0 - 1	<0.0645	2,260	2,260	74.8
9/29/2009	2	C	Cell 2C	0 - 1	<0.0878	1,970	1,970	79.5
12/22/2009	2	C	Cell 2C	0 - 1	0.367	2,270	2,270	140
3/8/2010	2	C	Cell 2C	0 - 1	0.194	3,680	3,680	105
6/10/2010	2	C	Cell 2C	0 - 1	<0.101	1,140	1,140	38.2

Table 6
Summary of TPH and Chloride Analyses of Treatment Zone Soil Samples
Targa Midstream Services - Eunice Middle Gas Plant Discharge Permit (GW-005)
Lea County, New Mexico

Date	Cell Number	Cell Letter	Sample Number	Sample Depth (Feet)	TPH - GRO C6-C10	TPH - DRO C10-C28	Total TPH	Chloride
Action Level (mg/Kg):							500	500
9/27/2010	2	C	Cell 2C	0 - 1	<0.101	2,020	2,020	101
12/20/2010	2	C	Cell 2C	0 - 1	<0.0981	1,340	1,340	54.4
3/13/2008	2	D	Cell 2D	0 - 1	0.421	2,570	2,570	334
6/27/2008	2	D	Cell 2D	0 - 1	0.101	1,710	1,710	367
9/25/2008	2	D	Cell 2D	0 - 1	<0.0612	1,040	1,040	211
11/6/2008	2	D	Cell 2D	0 - 1	<0.0610	1,110	1,110	130
2/19/2009	2	D	Cell 2D	0 - 1	<0.0696	1,360	1,360	127
6/26/2009	2	D	Cell 2D	0 - 1	<0.0659	635	635	61.8
9/29/2009	2	D	Cell 2D	0 - 1	<0.0974	488	488	82.1
12/22/2009	2	D	Cell 2D	0 - 1	<0.102	465	465	114
3/8/2010	2	D	Cell 2D	0 - 1	<0.107	1,140	1,140	24.9
6/10/2010	2	D	Cell 2D	0 - 1	<0.0967	515	515	51.3
9/27/2010	2	D	Cell 2D	0 - 1	<0.106	243	243	14.6
12/20/2010	2	D	Cell 2D	0 - 1	<0.0960	520	520	68.5

Notes: Analysis performed by DHL Analytical, Round Rock, TX

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

1. <: Below method detection limit

JWW

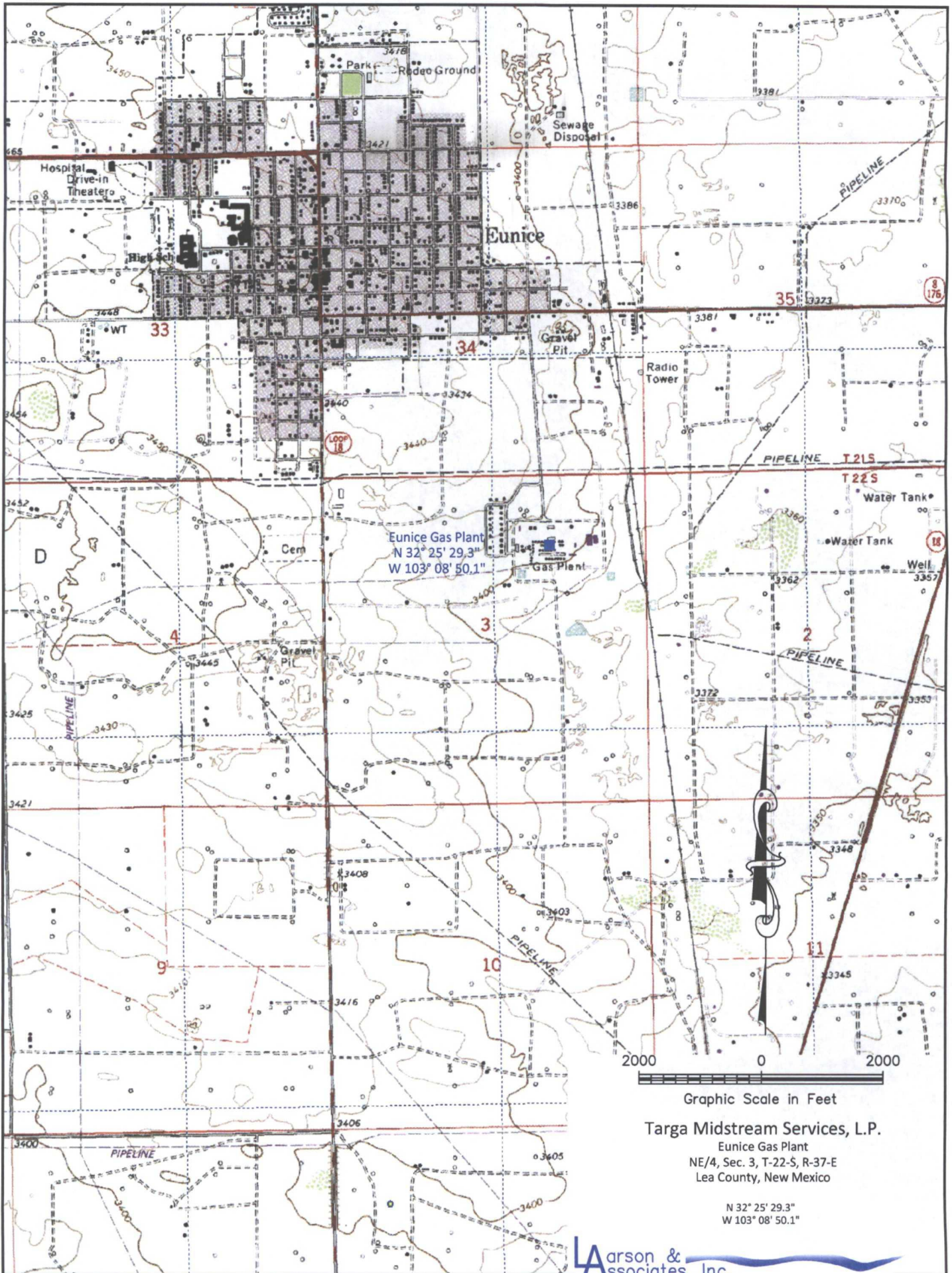


Figure 1 - Topographic Map



Figure 2 - Aerial Photograph

