

1R - 103

REPORTS

DATE:

2-2008



SOIL CLOSURE REQUEST

LF-59

NW ¼, SW ¼, SECTION 32, TOWNSHIP 19 SOUTH, RANGE 37 EAST
MONUMENT, NEW MEXICO
PLAINS EMS NUMBER: TNM-LF-59
NMOCD REF 1R-0103

Prepared for:

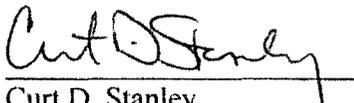
PLAINS MARKETING, L.P.
333 Clay Street, Suite 1600
Houston, Texas 77002



Prepared by:

NOVA Safety and Environmental
2057 Commerce
Midland, Texas 79703

February 2008


Curt D. Stanley
Project Manager

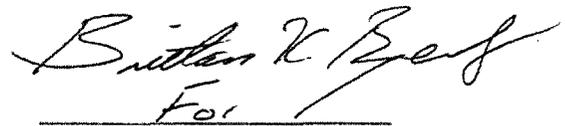

For
Todd K. Choban, P.G.
Vice President, Technical Services

TABLE OF CONTENTS

1.0 INTRODUCTION..... 1

2.0 NMOCD SITE CLASSIFICATION 1

3.0 SUMMARY OF RECENT FIELD ACTIVITIES 1

4.0 SOIL CLOSURE REQUEST..... 3

5.0 LIMITATIONS 3

6.0 DISTRIBUTION..... 5

FIGURES

- FIGURE 1: Site Location Map
- FIGURE 2: Site Map
- FIGURE 3: Sample Location and Excavation Area Map

TABLES

- TABLE 1: Concentrations of BTEX and TPH in Soil

APPENDICES

- APPENDIX A: NMOCD Correspondence
- APPENDIX B: Photographic Documentation
- APPENDIX C: Laboratory Reports
- APPENDIX D: Notification of Release and Corrective Action (Form C-141)

1.0 INTRODUCTION

On behalf of Plains Marking, L.P. (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this Soil Closure Request to the New Mexico Oil Conservation Division (NMOCD). The site is located approximately two miles southwest of the town of Monument, New Mexico, in the NW ¼ of the SW ¼ of Section 32 Township 19 South, Range 37 East. The release occurred from an 8-inch pipeline and was attributed to structural failure associated with internal pipeline corrosion. The site, formerly the responsibility of Enron Oil Trading and Transportation (EOTT) is now the responsibility of Plains. For reference, a site location and site map are provided as Figures 1 and 2, respectively. The Release Notification and Corrective Action (Form C-141) is included as Appendix D.

In July 2006, a Soil Closure Strategy and Site Restoration Work Plan (Work Plan) was submitted to the NMOCD. The Work Plan detailed proposed activities designed to progress the release site toward an NMOCD approved soil closure.

On September 20, 2007, Plains received approval from the NMOCD to commence the activities outlined in the Work Plan (Appendix A). This Soil Closure Request details the results of the NMOCD approved activities completed at the site.

Documentation previously submitted to the NMOCD will not be included in this Soil Closure Request.

2.0 NMOCD SITE CLASSIFICATION

The depth to groundwater in the on-site area is less than 50 feet bgs. Based on the NMOCD soil classification system, 20 points would be assigned to the site as a result of this criterion.

There are two water wells located within 1,000 feet of the site to the north and east. Neither of these wells is located in a down gradient position relative to the release point. Based on the NMOCD Soil Classification System, 20 points would be assigned to the site as a result of this criterion.

There are no surface-water features identified within a one-mile radius of the site. Based on the NMOCD Soil Classification System, no points would be assigned to the site as a result of this criterion. The NMOCD guidelines indicate that the site would have a Ranking Score of >19. The soil action levels for a site with a Ranking Score of >19 points are as follows:

- Benzene - 10 ppm
- BTEX - 50 ppm
- TPH - 100 ppm

3.0 SUMMARY OF RECENT FIELD ACTIVITIES

On October 22 through 26, 2007, a backhoe was utilized to excavate previously identified impacted soil from the sidewalls of the excavation. The impacted excavated soil was segregated and stockpiled on-site, pending analysis. Please reference Figure 3, Sample Location and Excavation Map.

On October 24 and 26, 2007, confirmation soil samples were collected from the sidewalls of the recently excavated areas. Please reference Table 1, Concentrations of BTEX and TPH in Soil. The analytical results of these soil samples indicated all TPH concentrations were below the NMOCD regulatory standard of 100 mg/Kg, with the exception of the soil sample collected at sample point SSW-#1A. The analytical results for soil sample SSW-#1A indicated the total petroleum hydrocarbon (TPH) concentration was 203 mg/Kg. Please note that soil sample NSW-#3A, collected on October 26, 2007, was improperly labeled in the field and on the chain-of-custody, this soil sample represents a confirmation sample collected in the area of soil sample WSW #3. Please reference Table 1, Concentrations of BTEX and TPH in Soil. Laboratory reports are provided as Appendix C.

On October 24, 2007, a composite soil sample (SP-1-07) was collected from an existing on-site stockpile to evaluate the status of the stockpile. The soil stockpile was a remnant of the initial excavation activities completed in December 2001. Analytical results indicated the TPH concentration of the existing stockpile was 61.9 mg/Kg and this stockpile was deemed suitable for backfill material.

On November 14, 2007, additional excavation in the area of soil sample SSW-#1A was completed. The soil excavated from this area was added to the impacted soil stockpile. During the interval of October 22 through November 14, 2007, approximately 500 cubic yards (cy) of excavated soil was stockpiled on-site pending laboratory analysis.

On November 16, 2007, confirmation soil sample SSW-#1B was collected from the excavation sidewall and submitted for laboratory analysis. The analytical results indicated the TPH and benzene, toluene, ethylbenzene and Xylene (BTEX) concentrations for soil sample SSW-#1B were below the NMOCD regulatory standard. The final dimensions of the excavation, including excavation activities prior to the implementation of this Work Plan, were approximately 190 feet wide in the southern portion, approximately 270 feet wide in the northern portion, by 400 feet in total length (north to south).

On November 16, 2007, a composite soil sample (SP-1-07) was collected from the impacted soil stockpile and submitted to the laboratory for analysis. The analytical results indicated the TPH concentration of the stockpile was 159.9 mg/Kg, the benzene concentration was less than 0.0011 mg/Kg and the BTEX concentration was less than 0.0021 mg/Kg.

On receipt of the analytical results, indicating all of the previously identified areas of hydrocarbon impact had been addressed and were below the NMOCD regulatory standards, preparation for the installation of the synthetic liner installation began. The floor of the excavation required some leveling to provide an effective and efficient pathway for the channeling of moisture. Following the leveling activities, a six-inch layer of non-impacted sand, purchased locally, was placed in the excavation. The sand protects the synthetic liner from rips and tears and aids in the proper installation of the liner.

On November 28, 2007, the synthetic liner was installed at a depth of approximately six feet below ground surface, in the excavation by a vendor trained in the proper installation of impermeable liners. Photographic documentation of the liner installation is provided as

Appendix B. Monitor wells within the excavation were fitted with boots (forty-mil thick) to maintain the impermeability of the liner. An electrical utility pole located within the excavation was packed with dense red clay purchased locally and compacted to specification. Following the synthetic liner installation an additional six-inch layer of non-impacted sand was placed on top of the liner to further protect the liner.

Following the installation of the liner, the approximately 500 cy of impacted soil (TPH - 159.9 mg/Kg) excavated from the previously identified areas was blended with the remnant stockpile and soil contained in the soil treatment cell. Following mixing and blending activities the resultant soil stockpile was sampled (SP-2-07) for concentrations of TPH and BTEX on December 18, 2007. The analytical results indicated the TPH concentration was less than the method detection limit (MDL) of 50 mg/Kg, the benzene concentration was less than the MDL of 0.1 mg/Kg and the BTEX concentration was 0.362 mg/Kg.

On receipt of analytical results of the mixing and blending activities, backfilling of the excavation commenced. The soil contained in the stockpile, caliche screened and segregated during the installation of the soil treatment cell and soil contained in the soil treatment cell were placed in the excavation in twelve-inch lifts and compacted. Soil moisture was adequate and additional moisture was not required for proper compaction.

On December 21, 2007, backfilling activities were completed and the disturbed area was contoured to fit the surrounding topography.

This site, located on property owned by The State of New Mexico, will be reseeded with a seed approved by the State and the seed will be applied as directed by the State.

4.0 SOIL CLOSURE REQUEST

Plains has completed the activities proposed in the NMOCD approved Soil Closure Strategy and Site Restoration Work Plan and requests an NMOCD approved Soil Closure.

A Groundwater and Site Closure Request will be submitted to the NMOCD after eight consecutive quarterly groundwater sampling events have demonstrated BTEX concentrations are below the NMOCD regulatory guidelines.

5.0 LIMITATIONS

NOVA has prepared this Soil Closure Request to the best of its ability. No other warranty, expressed or implied, is made or intended. NOVA has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. NOVA has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. NOVA has prepared this report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. NOVA also notes that the facts and conditions referenced in this report may change

over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

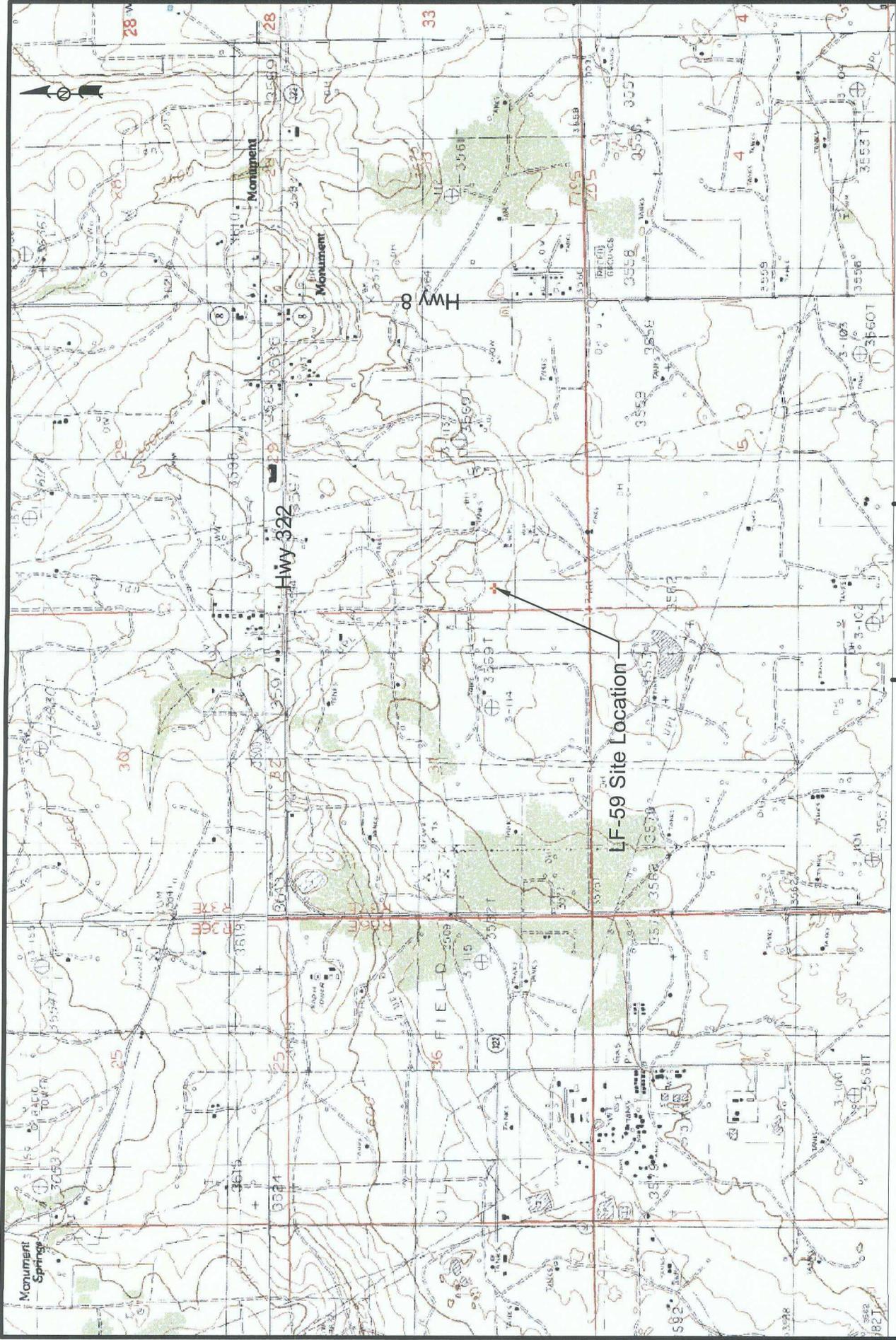
This report has been prepared for the benefit of Plains. The information contained in this report including all exhibits and attachments may not be used by any other party without the express written consent of NOVA and/or Plains.

6.0 DISTRIBUTION

- Copy 1: Wayne Price
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
- Copy 2: Larry Johnson
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division District 1
1625 French Drive
Hobbs, NM 88240
- Copy 3: Camille Reynolds
Plains Marketing, L.P.
3112 Highway 82
Lovington, New Mexico
cjreynolds@paalp.com
- Copy 4: Jeff Dann
Plains Marketing, L.P.
333 Clay Street, Suite 1600
Houston, Texas 77002
jpdann@paalp.com
- Copy 5: NOVA Safety and Environmental.
2057 Commerce Drive
Midland, Texas 79703
cstanley@novatraining.cc



Figures



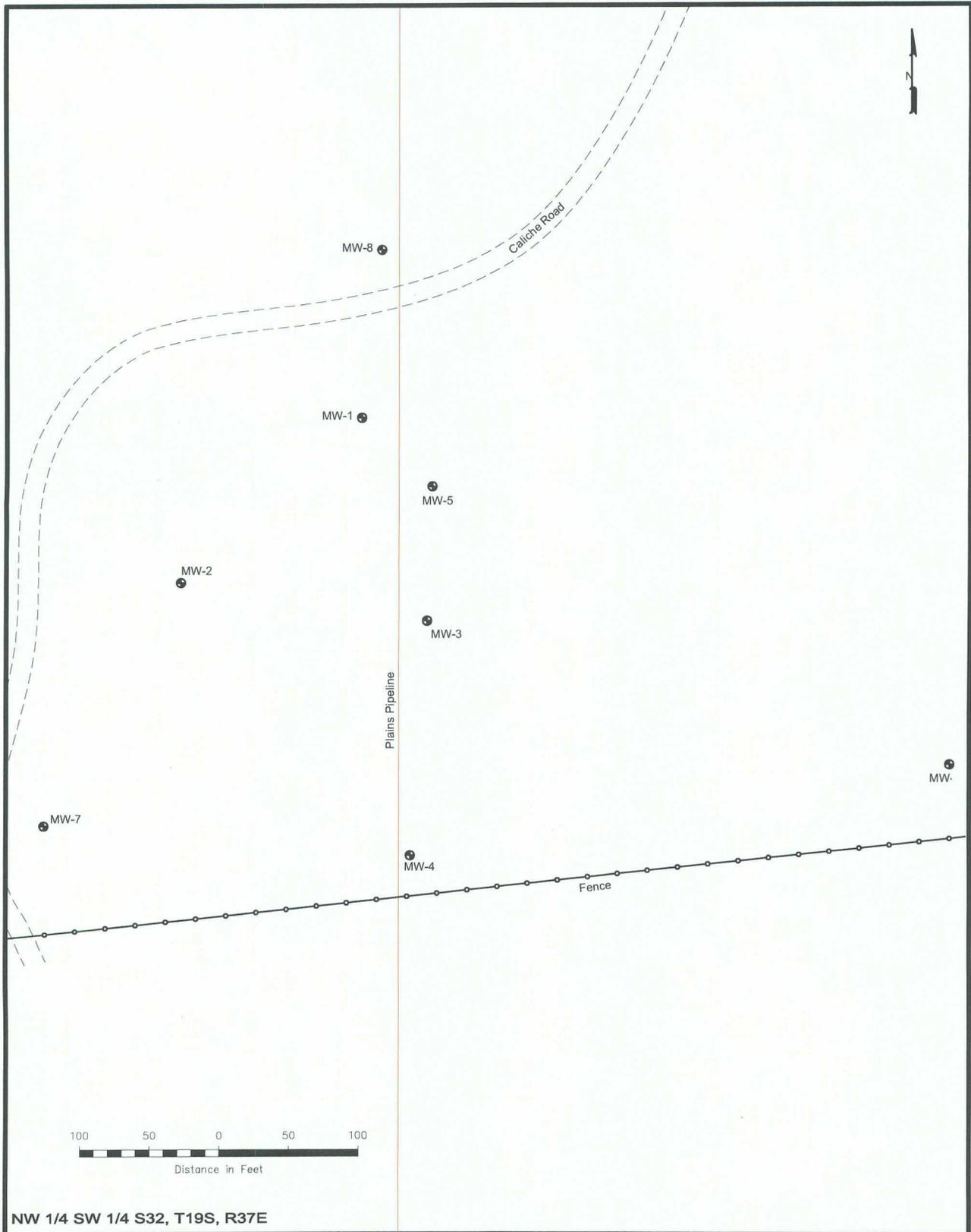
NW 1/4 SW 1/4 Sec 32 T19S, R37E
 32° 36' 50.1" N
 103° 16' 47.6" W

Figure 1
 Site Location Map
 Plains Marketing, L.P.
 LF - 59
 Monument, NM

NOVA Safety and Environmental



Scale: NTS
 February 15, 2005
 Prep By: DPM
 Checked By: WI



NW 1/4 SW 1/4 S32, T19S, R37E

LEGEND:

-  Monitor Well Location
-  Pipeline

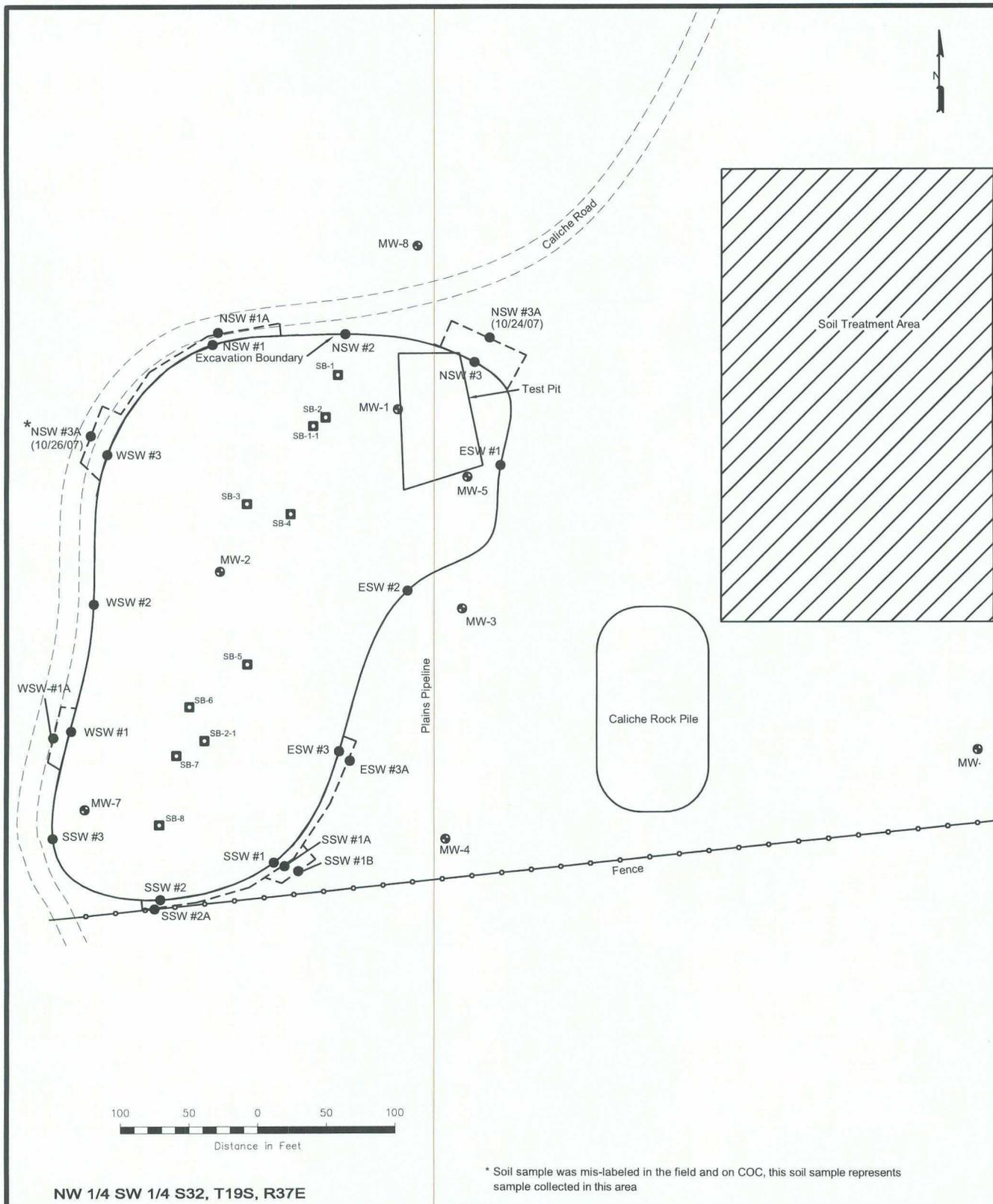
**Figure 2
Site Map**

Plains Marketing, L.P.
LF - 59
Monument, NM

NOVA Safety and Environmental



Lat. 32° 36' 50.1"N Long 103° 16' 49.6"W	Scale: 1"=100'
NW1/4 SW1/4 Sec32 T19S R37E	Drawn By: DPM Prepared By: MR
January 28, 2005	



NW 1/4 SW 1/4 S32, T19S, R37E

* Soil sample was mis-labeled in the field and on COC, this soil sample represents sample collected in this area

LEGEND:

- Monitor Well Location
- Recent Excavation
- Pipeline
- Initial Excavation

Figure 3
Sample Location and Excavation Map

Plains Marketing, L.P.
LF - 59
Monument, NM

NOVA Safety and Environmental



Lat. 32° 36' 50.1"N Long 103° 16' 49.6"W	Scale: 1"=100'
NW1/4 SW1/4 Sec32 T19S R37E	Drawn By: DPM Prepared By: MRE
February 7, 2008	



Tables

TABLE 1
 CONCENTRATIONS OF BTEX & TPH IN SOIL
 LF - 59
 MONUMENT, NEW MEXICO

All measurements recorded in mg/kg

SAMPLE DATE	SAMPLE LOCATION	Methods: EPA SW 846-8021B, 5030						EPA SW 846-8015M			
		BENZENE	TOLUENE	ETHYL-BENZENE	m,p-XYLENE	o-XYLENE	TOTAL BTEX	GRO C ₆ -C ₁₀	DRO >C ₁₀ -C ₂₅	DRO >C ₁₀ -C ₂₈	TOTAL TPH >C ₆ -C ₂₈
10/29/99	SB - 1-1 (1')	<0.200	40.0	35.7	158	63.8	297.500	6680	20263	-	26943
10/29/99	SB - 1-1 (5-7")	1.99	25.8	40.6	171	66.4	305.790	7645	14560	-	22205
10/29/99	SB - 1-1 (10-12')	<0.100	3.11	4.36	15.71	6.65	29.830	946	3455	-	4401
10/29/99	SB - 1-1 (15-17')	2.23	14.4	15.3	61.1	20.7	113.730	2677	4781	-	7458
10/29/99	SB - 2-1 (1')	1.45	30.9	33.8	143	49.2	258.350	6805	17789	-	24594
10/29/99	SB - 2-1 (5-7')	<0.100	<0.100	<0.100	0.227	<0.100	0.227	12	101	-	113
10/29/99	SB - 2-1 (10-12')	<0.100	<0.100	<0.100	0.153	<0.100	0.153	<10	20	-	20
10/29/99	SB - 2-1 (15')	<0.100	<0.100	<0.100	0.132	<0.100	0.132	<10	<10	-	<10
02/08/00	SB-1 (Surface)	<0.1	0.57	0.51	1.81	0.971	3.861	185	-	14184	14369
02/08/00	SB-1 (10')	-	-	-	-	-	-	62	-	725	787
02/08/00	SB-2 (Surface)	-	-	-	-	-	-	765	-	16530	17295
02/08/00	SB-2 (5')	-	-	-	-	-	-	313	-	1552	1865
02/08/00	SB-2 (10')	-	-	-	-	-	-	65	-	1158	1223
02/08/00	SB-2 (15')	-	-	-	-	-	-	225	-	1747	1972
02/08/00	SB-2 (20')	-	-	-	-	-	-	<10	-	207	207
02/08/00	SB-3 (Surface)	-	-	-	-	-	-	<10	-	1539	1539
02/08/00	SB-3 (15')	-	-	-	-	-	-	<10	-	70	70
02/08/00	SB-4 (Surface)	-	-	-	-	-	-	222	-	24742	24964
02/08/00	SB-4 (5')	-	-	-	-	-	-	826	-	3321	4147
02/08/00	SB-4 (15')	-	-	-	-	-	-	<10	-	89	89
02/08/00	SB-5 (Surface)	-	-	-	-	-	-	3937	-	19261	23198
02/08/00	SB-5 (15')	-	-	-	-	-	-	<10	-	81	81
02/08/00	SB-6 (Surface)	-	-	-	-	-	-	5808	-	25062	30870
02/08/00	SB-6 (5')	-	-	-	-	-	-	<10	-	171	171
02/08/00	SB-6 (10')	-	-	-	-	-	-	<10	-	41	41
02/08/00	SB-6 (15')	-	-	-	-	-	-	<10	-	12	12
02/08/00	SB-6 (19.5')	-	-	-	-	-	-	<10	-	<10	<10
02/08/00	SB-7 (Surface)	-	-	-	-	-	-	3725	-	22199	25924
02/08/00	SB-7 (10')	-	-	-	-	-	-	<10	-	148	148
02/08/00	SB-8 (Surface)	-	-	-	-	-	-	5121	-	23320	28441
02/08/00	SB-8 (15')	-	-	-	-	-	-	1528	-	5033	6561
02/08/00	MW-1 (Surface)	-	-	-	-	-	-	<10	-	151	151
02/08/00	MW-1 (15')	-	-	-	-	-	-	<10	-	17	17
02/08/00	MW-2 (15')	-	-	-	-	-	-	<10	-	<10	<10
02/09/00	MW-3 (15')	-	-	-	-	-	-	<10	-	<10	<10
02/09/00	MW-4 (15')	-	-	-	-	-	-	106	-	560	666
02/09/00	MW-4 (20')	-	-	-	-	-	-	<10	-	<10	<10
02/14/00	Surface 1-1	<0.1	9.71	9.29	43.8	20.7	83.500	2683	-	13792	16475
02/14/00	Surface 2-1	<0.1	<0.1	9.88	58.1	62.4	130.380	7289	-	29543	36832
02/14/00	SB 2-1	<0.1	<0.1	0.786	3.22	3.08	7.086	463	-	9556	10019
06/09/00	SB1-2C 0'	-	-	-	-	-	-	<50	-	15477	15477
06/09/00	SB1-2C 2'	-	-	-	-	-	-	834	-	15578	16412
06/09/00	SB1-2C 10'	-	-	-	-	-	-	414	-	2272	2686
06/09/00	SB2-2C 0'	-	-	-	-	-	-	<50	-	12951	12951
06/09/00	SB2-2C 2'	-	-	-	-	-	-	433	-	7861	8294
06/09/00	SB2-2C 6'	-	-	-	-	-	-	1325	-	9183	10508
06/09/00	SB2-2C 10'	-	-	-	-	-	-	146	-	1881	2027
06/09/00	SB2-2C 16'	-	-	-	-	-	-	767	-	3181	3948
06/09/00	SB4-2C 0'	-	-	-	-	-	-	<10	-	1169	1169
06/09/00	SB4-2C 6'	-	-	-	-	-	-	66	-	977	1043
06/09/00	SB4-2C 10'	-	-	-	-	-	-	<10	-	34	34
06/09/00	SB6-2C 0'	-	-	-	-	-	-	1883	-	60779	62662
06/09/00	SB6-2C 6'	-	-	-	-	-	-	<10	-	274	274
06/09/00	SB6-2C 10'	-	-	-	-	-	-	<10	-	36	36
06/09/00	SB8-2C 0'	-	-	-	-	-	-	1366	-	38438	39804
06/09/00	SB8-2C 6'	-	-	-	-	-	-	1450	-	5807	7257
06/09/00	SB8-2C 10'	-	-	-	-	-	-	<10	-	109	109
06/09/00	SB8-2C 16'	-	-	-	-	-	-	<10	-	319	319

TABLE 1
CONCENTRATIONS OF BTEX & TPH IN SOIL
LF - 59
MONUMENT, NEW MEXICO

All measurements recorded in mg/kg

SAMPLE DATE	SAMPLE LOCATION	Methods: EPA SW 846-8021B, 5030						EPA SW 846-8015M			
		BENZENE	TOLUENE	ETHYL-BENZENE	m,p-XYLENE	o-XYLENE	TOTAL BTEX	GRO C ₆ -C ₁₀	DRO >C ₁₀ -C ₂₅	DRO >C ₁₀ -C ₂₈	TOTAL TPH >C ₆ -C ₂₈
03/13/01	SS 1	-	-	-	-	-	-	342	-	30817	31159
03/13/01	SS 2	-	-	-	-	-	-	1157	-	54604	55761
09/17/01	MW - 6 0-2'	-	-	-	-	-	-	<5	<5	-	<5
09/17/01	MW - 6 5-7'	-	-	-	-	-	-	<5	<5	-	<5
09/17/01	MW - 6 10-12'	-	-	-	-	-	-	<5	<5	-	<5
09/17/01	MW - 6 15-17'	-	-	-	-	-	-	<5	<5	-	<5
09/17/01	MW - 6 20-22'	-	-	-	-	-	-	<5	9.1	-	9.1
09/17/01	MW - 6 25-27'	-	-	-	-	-	-	<5	<5	-	<5
09/17/01	MW - 7 0-2'	-	-	-	-	-	-	309	-	4280	4589
09/17/01	MW - 7 5-7'	-	-	-	-	-	-	<5	-	<5	<5
09/17/01	MW - 7 10-12'	-	-	-	-	-	-	<5	-	5.31	5.31
09/17/01	MW - 7 15-17'	-	-	-	-	-	-	<5	-	<5	<5
09/17/01	MW - 7 20-22'	-	-	-	-	-	-	<5	-	<5	<5
09/17/01	MW - 7 25-27'	-	-	-	-	-	-	<5	-	<5	<5
12/02/01	SPS-01	-	-	-	-	-	-	512	-	4030	4542
12/02/01	SPUS-01	-	-	-	-	-	-	678	-	4420	5098
12/10/01	GP-1 0-3'	-	-	-	-	-	-	<10	-	<10	<10
12/10/01	GP-3 0-3'	-	-	-	-	-	-	<10	-	12	12
12/10/01	GP-4 0-4'	-	-	-	-	-	-	<10	-	<10	<10
12/10/01	GP 4 4-5'	-	-	-	-	-	-	<10	-	15	15
12/10/01	GP-5 0-3'	-	-	-	-	-	-	<10	-	<10	<10
12/10/01	GP-6 0-3'	-	-	-	-	-	-	<10	-	<10	<10
12/10/01	GP-7 0-3'	-	-	-	-	-	-	<10	-	<10	<10
12/10/01	GP-8 0-3'	-	-	-	-	-	-	<10	-	<10	<10
12/10/01	GP-9 0-4'	-	-	-	-	-	-	<10	-	68	68
12/10/01	GP-9 4-8'	-	-	-	-	-	-	<10	-	<10	<10
12/10/01	GP-9 8-10'	-	-	-	-	-	-	<10	-	12	12
12/10/01	GP-11	-	-	-	-	-	-	<10	-	<10	<10
12/10/01	GP-12 0-4'	-	-	-	-	-	-	<10	-	<10	<10
12/10/01	GP-13 0-4'	-	-	-	-	-	-	<10	-	<10	<10
12/20/01	East Wall	<0.025	0.044	<0.025	0.066	0.064	0.174	11	-	458	469
12/20/01	South Wall	0.026	0.128	0.729	2.6	1.28	4.763	125	-	1040	1165
12/20/01	W. Corner Pad	0.035	0.242	3.14	10.1	4.88	18.397	924	-	7360	8284
12/20/01	N. W. Wall	<0.025	0.047	<0.025	0.094	<0.025	0.141	<10	-	174	174
12/20/01	Center/N. Side	0.060	0.472	2.79	11.9	3.59	18.812	578	-	4620	5198
12/20/01	N.E. Wall	<0.025	0.186	0.46	4.14	1.59	6.376	285	-	2300	2585
12/20/01	Center/S. Side	0.1	0.987	1.3	5.77	4.61	12.767	1660	-	16900	18560
12/20/01	West Wall	<0.025	0.045	<0.025	0.036	0.026	0.107	14	-	888	902
12/27/01	Grid 1 Sample 1	<0.025	0.104	0.282	2.33	1.25	3.966	138	-	3540	3678
12/27/01	Grid 2 Sample 2	<0.100	0.236	0.675	4.68	1.9	7.491	211	-	4500	4711
12/27/01	Grid 3 Sample 3	<0.100	0.138	0.336	2.34	0.967	3.781	139	-	3920	4059
12/27/01	Grid 4 Sample 4	<0.100	0.174	0.324	2.87	1.78	5.148	169	-	3530	3699
12/18/04	SS1	-	-	-	-	-	-	<10	219	-	219
12/18/04	SS2	-	-	-	-	-	-	<5	176	-	176
12/18/04	SS3	-	-	-	-	-	-	<5	175	-	175
12/18/04	SS4	-	-	-	-	-	-	<5	254	-	254
09/07/05	SS-1	-	-	-	-	-	-	<1	102	-	102
09/07/05	SS-2	-	-	-	-	-	-	<1	115	-	115
09/07/05	SS-3	-	-	-	-	-	-	<1	60.7	-	60.7
09/07/05	SS-4	-	-	-	-	-	-	<1	<50.0	-	<50
10/04/05	MW-8 (15-20)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	1.68	<50.0	-	1.68
02/02/06	SSW #1	-	-	-	-	-	-	<1	282	-	282

TABLE 1
 CONCENTRATIONS OF BTEX & TPH IN SOIL
 LF - 59
 MONUMENT, NEW MEXICO

All measurements recorded in mg/kg

SAMPLE DATE	SAMPLE LOCATION	Methods: EPA SW 846-8021B, 5030						EPA SW 846-8015M			
		BENZENE	TOLUENE	ETHYL-BENZENE	m,p-XYLENE	o-XYLENE	TOTAL BTEX	GRO C ₆ -C ₁₀	DRO >C ₁₀ -C ₂₅	DRO >C ₁₀ -C ₂₈	TOTAL TPH >C ₆ -C ₂₈
02/02/06	SSW #2	-	-	-	-	-	-	<1	259	-	259
02/02/06	SSW #3	-	-	-	-	-	-	<1	<50.0	-	<50.0
02/02/06	WSW #1	-	-	-	-	-	-	<1	611	-	611
02/02/06	WSW #2	-	-	-	-	-	-	<1	<50.0	-	<50.0
02/02/06	WSW #3	-	-	-	-	-	-	<1	170	-	170
02/02/06	NSW #1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	2.87	2520	-	2522.87
02/02/06	NSW #2	-	-	-	-	-	-	<1	<50.0	-	<50.0
02/02/06	NSW #3	-	-	-	-	-	-	1.31	537	-	538.31
02/02/06	ESW #1	-	-	-	-	-	-	<1	<50.0	-	<50.0
02/02/06	ESW #2	-	-	-	-	-	-	<1	<50.0	-	<50.0
02/02/06	ESW #3	-	-	-	-	-	-	<1	360	-	360
10/24/07	NSW-#3A	-	-	-	-	-	-	<16.1	<16.1	<16.1	<16.1
10/24/07	NSW-#1A	-	-	-	-	-	-	<15.9	<15.9	<15.9	<15.9
10/24/07	WSW-#1A	-	-	-	-	-	-	<16.3	<16.3	<16.3	<16.3
10/24/07	SSW-#2A	-	-	-	-	-	-	<15.2	<15.2	<15.2	<15.2
10/24/07	SP-1-07	-	-	-	-	-	-	<16.1	61.9	<16.1	61.9
10/26/07	NSW-#3A **	-	-	-	-	-	-	<15.6	<15.6	<15.6	<15.6
10/26/07	ESW-#3A	-	-	-	-	-	-	<15.3	<15.3	<15.3	<15.3
10/26/07	SSW-#1A	-	-	-	-	-	-	<15.3	153	50.6	203.6
11/16/07	SSW-#1B	<0.001	<0.0021	<0.001	<0.0021	<0.001	<0.0021	<15.5	47.6	<15.5	47.6
11/16/07	SP-1-07	<0.0011	<0.0021	<0.0011	<0.0021	<0.0011	<0.0021	<15.8	129	30.9	159.9
12/18/07	SP-2-07	<0.01	<0.01	<0.01	0.0362		0.0362	<1.00	<50.0	-	<50

BOLD indicates concentration exceeding NMOCD regulatory standards

** indicates this soil sample was mislabelled in the field, the error was carried through on the Chain of Custody, this sample should have been labelled WSW#3A



Curt Stanley

From: Curt Stanley [cstanley@novatraining.cc]
Sent: Wednesday, February 06, 2008 2:39 PM
To: cstanley@novatraining.cc
Subject: Fw: Plains LF-59 Release site 1R-103

----- Original Message -----

From: "Camille J Reynolds" <cjreynolds@paalp.com>
To: "Curt Stanley (E-mail)" <cstanley@novatraining.cc>
Sent: Friday, September 21, 2007 7:59 AM
Subject: FW: Plains LF-59 Release site 1R-103

>
>
> -----Original Message-----
> **From:** Price, Wayne, EMNRD [mailto:wayne.price@state.nm.us]
> **Sent:** Thursday, September 20, 2007 2:03 PM
> **To:** Camille J Reynolds
> **Cc:** Jeffrey P Dann
> **Subject:** RE: Plains LF-59 Release site 1R-103

>
> OCD hereby approves of the soil closure strategy and in conversations
> with Mr. Byrd, the landowner, he also agrees with the approach. Please
> provide OCD with a final report within 60 days.

>
> Please be advised that OCD approval of this plan does not relieve the
> owner/operator of responsibility should their operations fail to
> adequately investigate and remediate contamination that pose a threat
> to ground water, surface water, human health or the environment. In
> addition, OCD approval does not relieve the owner/operator of
> responsibility for compliance with any other federal, state, or local
> laws and/or regulations.

>
> -----Original Message-----

> **From:** Camille J Reynolds [mailto:cjreynolds@paalp.com]
> **Sent:** Tuesday, September 18, 2007 2:26 PM
> **To:** Price, Wayne, EMNRD
> **Cc:** Jeffrey P Dann
> **Subject:** Plains LF-59 Release site

> Mr. Price,

>
> This e-mail is a follow-up to your phone conversation with Mr. J.R.
> (Red)

> Byrd of Monument, New Mexico concerning soil remediation activities to
> be conducted at the Plains Marketing release site known as LF-59 NMOCD
> Ref# 1R-0103. The site is located in the NW 1/4 of the SW 1/4 of
> Section 32, Township 19 South, Range 37 East in Lea County, New
> Mexico. Nova Safety and
> Environmental on behalf of Plains submitted a Soil Closure Strategy and
> Site
> Restoration Work Plan dated July 2006 to Mr. Ben Stone. This Work Plan
> details site activities conducted to date and future activities for
> remediation and closure of the site.

>
> Please contact me with any questions or concerns at 505-441-0965.

> Sincerely,
>

> Camille Reynolds
> Remediation Coordinator
> Plains All American
>
> office: 505/396-3341
> fax: 505/396-2754
> cellular: 505/441-0965
>

> #####
> ##

> Attention:
> The information contained in this message and/or attachments is intended
> only for the person or entity to which it is addressed and may contain
> confidential and/or privileged material. If you received this in error,
> please contact the Plains Service Desk at 713-646-4444 and delete the
> material from any system and destroy any copies.

> This footnote also confirms that this email message has been scanned
> for Viruses and Content and cleared.
> #####
> ##

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

> Confidentiality Notice: This e-mail, including all attachments is for
> the sole use of the intended recipient(s) and may contain confidential
> and privileged information. Any unauthorized review, use, disclosure
> or distribution is prohibited unless specifically provided under the
> New Mexico Inspection of Public Records Act. If you are not the
> intended recipient, please contact the sender and destroy all copies
> of this message. -- This email has been scanned by the Sybari -
> Antigen Email System.

> #####
> ##

> Attention:
> The information contained in this message and/or attachments is intended
> only for the person or entity to which it is addressed and may contain
> confidential and/or privileged material. If you received this in error,
> please contact the Plains Service Desk at 713-646-4444 and delete the
> material from any system and destroy any copies.

> This footnote also confirms that this email message has been scanned
> for Viruses and Content and cleared.
> #####
> ##



Client: Plains Marketing, L.P.
Location: Lea County, New Mexico
Photograph Date: November 28, 2007

Prepared by: NOVA
Photographer: Curt Stanley
Project Name: LF-59

Photograph No. 1

Date: 11/28/ 2007

Direction: Looking South toward Monitor Well MW-7

Description: Synthetic Liner Installation and boot around Monitor Well



Photograph No. 2

Date: 11/28/2007

Direction: Facing West, looking toward Soil Sample location WSW-#1A

Description: Synthetic Liner Installation





Analytical Report 291833

for

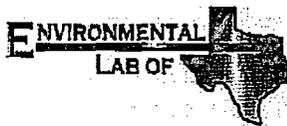
PLAINS ALL AMERICAN EH&S

Project Manager: Camille Reynolds

LF-59

TNM-LF-59

29-OCT-07



12600 West I-20 East Odessa, Texas 79765

A Xenco Laboratories Company

Texas certification numbers:

Houston, TX T104704215

Florida certification numbers:

Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America
Midland - Corpus Christi - Atlanta



29-OCT-07

Project Manager: **Camille Reynolds**
PLAINS ALL AMERICAN EH&S
1301 S. COUNTY ROAD 1150
Midland, TX 79706

Reference: XENCO Report No: **291833**
LF-59
Project Address: Monument, NM

Camille Reynolds:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 291833. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 291833 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron

Odessa Laboratory Director

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America



Sample Cross Reference 291833



PLAINS ALL AMERICAN EH&S, Midland, TX

LF-59

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SP-1-07	S	Oct-24-07 13:00		291833-001
NSW-#3A	S	Oct-24-07 13:05		291833-002
NSW-#1A	S	Oct-24-07 13:10		291833-003
WSW-#1A	S	Oct-24-07 13:15		291833-004
SSW-#2A	S	Oct-24-07 13:20		291833-005



Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
 - B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
 - D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
 - E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
 - F** RPD exceeded lab control limits.
 - J** The target analyte was positively identified below the MQL and above the SQL.
 - U** Analyte was not detected.
 - L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
 - H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
 - K** Sample analyzed outside of recommended hold time.
- * Outside XENCO'S scope of NELAC Accreditation

*Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY
Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America*

11381 Meadowglen Lane Suite L Houston, Tx 77082-2647
9701 Harry Hines Blvd , Dallas, TX 75220
5332 Blackberry Drive, Suite 104, San Antonio, TX 78238
2505 N. Falkenburg Rd., Tampa, FL 33619
5757 NW 158th St, Miami Lakes, FL 33014

Phone	Fax
(281) 589-0692	(281) 589-0695
(214) 902 0300	(214) 351-9139
(210) 509-3334	(201) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555



Form 2 - Surrogate Recoveries

Project Name: LF-59



Work Order #: 291833

Project ID: TNM-LF-59

Lab Batch #: 707316

Sample: 291833-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	92.3	100	92	70-135	
o-Terphenyl	45.2	50.0	90	70-135	

Lab Batch #: 707316

Sample: 291833-001 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	109	100	109	70-135	
o-Terphenyl	50.7	50.0	101	70-135	

Lab Batch #: 707316

Sample: 291833-001 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	110	100	110	70-135	
o-Terphenyl	47.2	50.0	94	70-135	

Lab Batch #: 707316

Sample: 291833-002 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	93.5	100	94	70-135	
o-Terphenyl	45.1	50.0	90	70-135	

Lab Batch #: 707316

Sample: 291833-003 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	87.2	100	87	70-135	
o-Terphenyl	42.0	50.0	84	70-135	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries



Project Name: LF-59

Work Order #: 291833

Project ID: TNM-LF-59

Lab Batch #: 707316

Sample: 291833-004 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	94.2	100	94	70-135	
o-Terphenyl	45.5	50.0	91	70-135	

Lab Batch #: 707316

Sample: 291833-005 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	80.1	100	80	70-135	
o-Terphenyl	36.7	50.0	73	70-135	

Lab Batch #: 707316

Sample: 500828-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	87.5	100	88	70-135	
o-Terphenyl	35.4	50.0	71	70-135	

Lab Batch #: 707316

Sample: 500828-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	87.0	100	87	70-135	
o-Terphenyl	42.1	50.0	84	70-135	

Lab Batch #: 707316

Sample: 500828-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	92.6	100	93	70-135	
o-Terphenyl	41.4	50.0	83	70-135	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



BS / BSD Recoveries

Project Name: LF-59

Work Order #: 291833

Analyst: SHE

Lab Batch ID: 707316

Sample: 500828-1-BKS

Date Prepared: 10/26/2007

Batch #: 1

Project ID: TNM-LF-59

Date Analyzed: 10/26/2007

Matrix: Solid

Units: mg/kg

BLANK / BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	ND	1000	920	92	1000	923	92	0	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1000	924	92	1000	927	93	0	70-135	35	

TPH by SW8015 Mod

Relative Percent Difference RPD = $200 * (D-F) / (D+F)$
 Blank Spike Recovery [D] = $100 * (C) / [B]$
 Blank Spike Duplicate Recovery [G] = $100 * (F) / [E]$
 All results are based on MDL and Validated for QC Purposes

Project Name: LF-59

Work Order #: 291833

Lab Batch ID: 707316

Date Analyzed: 10/27/2007

Reporting Units: mg/kg

Project ID: TNM-LF-59

QC- Sample ID: 291833-001 S

Batch #: 1 Matrix: Soil

Date Prepared: 10/26/2007 Analyst: SHE

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
	C6-C12 Gasoline Range Hydrocarbons	ND	1070	958	90	1070	974	91	1	70-135	35
C12-C28 Diesel Range Hydrocarbons	61.9	1070	987	86-	1070	1010	89	3	70-135	35	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*(D-G)/(D+G)

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E



Sample Duplicate Recovery



Project Name: LF-59

Work Order #: 291833

Lab Batch #: 707173

Project ID: TNM-LF-59

Date Analyzed: 10/25/2007

Date Prepared: 10/25/2007

Analyst: RBA

QC- Sample ID: 291833-001 D

Batch #: 1

Matrix: Soil

Reporting Units: %

SAMPLE / SAMPLE DUPLICATE RECOVERY

Percent Moisture	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Percent Moisture	6.75	7.04	4	20	

Spike Relative Difference RPD $200 * |(B-A)/(B+A)|$
 All Results are based on MDL and validated for QC purposes.

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

Client: Novel / Plains
 Date/ Time: 10-24-07 16:50
 Lab ID #: 291833
 Initials: AL

Sample Receipt Checklist

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

Variance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken: _____

- Check all that Apply:
- See attached e-mail/ fax
 - Client understands and would like to proceed with analysis
 - Cooling process had begun shortly after sampling event

Analytical Report 292074

for

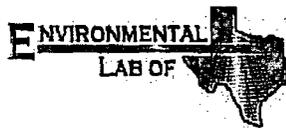
PLAINS ALL AMERICAN EH&S

Project Manager: Camille Reynolds

LF-59

TNM-LF-59

01-NOV-07



12600 West I-20 East Odessa, Texas 79765

A Xenco Laboratories Company

Texas certification numbers:

Houston, TX T104704215

Florida certification numbers:

Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

**Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America
Midland - Corpus Christi - Atlanta**



01-NOV-07

Project Manager: **Camille Reynolds**
PLAINS ALL AMERICAN EH&S
1301 S. COUNTY ROAD 1150
Midland, TX 79706

Reference: XENCO Report No: **292074**
LF-59
Project Address: Monument, NM

Camille Reynolds:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 292074. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 292074 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron

Odessa Laboratory Director

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America



Sample Cross Reference 292074

PLAINS ALL AMERICAN EH&S, Midland, TX

LF-59

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
NSW-#3A	S	Oct-26-07 08:50		292074-001
ESW-#3A	S	Oct-26-07 09:00		292074-002
SSW-#1A	S	Oct-26-07 09:10		292074-003

Certificate of Analysis Summary 292074
PLAINS ALL AMERICAN EH&S, Midland, TX

Project Id: TNM-LF-59

Contact: Camille Reynolds

Project Location: Monument, NM

Project Name: LF-59

Date Received in Lab: Mon Oct-29-07 01:37 pm

Report Date: 01-NOV-07

Project Manager: Brent Barron, II

Analysis Requested	Lab Id: Field Id: Depth: Matrix: Sampled:	292074-001 NSW-#3A SOIL Oct-26-07 08:50	292074-002 ESW-#3A SOIL Oct-26-07 09:00	292074-003 SSW-#1A SOIL Oct-26-07 09:10
Percent Moisture	Extracted: Analyzed: Units/RL:	% Oct-30-07 08:00 3.72 RL 1.00	% Oct-30-07 08:00 1.69 RL 1.00	% Oct-30-07 08:00 1.93 RL 1.00
TPH by SW8015 Mod	Extracted: Analyzed: Units/RL:	Oct-30-07 10:15 Nov-01-07 01:23 mg/kg RL ND 15.6	Oct-30-07 10:15 Nov-01-07 01:49 mg/kg RL ND 15.3	Oct-30-07 10:15 Nov-01-07 02:15 mg/kg RL ND 15.3
C6-C12 Gasoline Range Hydrocarbons		ND 15.6	ND 15.3	ND 15.3
C12-C28 Diesel Range Hydrocarbons		ND 15.6	ND 15.3	50.6 15.3
C28-C35 Oil Range Hydrocarbons		ND	ND	203.6
Total TPH				

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The information and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end user of the data hereby presented. Our liability is limited to the amount of fees for this work order unless otherwise agreed to in writing.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America


 Brent Barron
 Odessa Laboratory Director



Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
 - B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
 - D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
 - E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
 - F** RPD exceeded lab control limits.
 - J** The target analyte was positively identified below the MQL and above the SQL.
 - U** Analyte was not detected.
 - L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
 - H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
 - K** Sample analyzed outside of recommended hold time.
- * Outside XENCO'S scope of NELAC Accreditation

*Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY
Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America*

11381 Meadowglen Lane Suite L Houston, Tx 77082-2647
9701 Harry Hines Blvd , Dallas, TX 75220
5332 Blackberry Drive, Suite 104, San Antonio, TX 78238
2505 N. Falkenburg Rd., Tampa, FL 33619
5757 NW 158th St, Miami Lakes, FL 33014

Phone	Fax
(281) 589-0692	(281) 589-0695
(214) 902 0300	(214) 351-9139
(210) 509-3334	(201) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555



Form 2 - Surrogate Recoveries

Project Name: LF-59

Work Order #: 292074

Project ID: TNM-LF-59

Lab Batch #: 707570

Sample: 292074-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	97.8	100	98	70-135	
o-Terphenyl	46.3	50.0	93	70-135	

Lab Batch #: 707570

Sample: 292074-001 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	119	100	119	70-135	
o-Terphenyl	50.8	50.0	102	70-135	

Lab Batch #: 707570

Sample: 292074-001 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	110	100	110	70-135	
o-Terphenyl	46.2	50.0	92	70-135	

Lab Batch #: 707570

Sample: 292074-002 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	94.4	100	94	70-135	
o-Terphenyl	42.7	50.0	85	70-135	

Lab Batch #: 707570

Sample: 292074-003 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	90.6	100	91	70-135	
o-Terphenyl	42.3	50.0	85	70-135	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: LF-59

Work Order #: 292074

Project ID: TNM-LF-59

Lab Batch #: 707570

Sample: 500983-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	113	100	113	70-135	
o-Terphenyl	46.2	50.0	92	70-135	

Lab Batch #: 707570

Sample: 500983-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	98.5	100	99	70-135	
o-Terphenyl	46.4	50.0	93	70-135	

Lab Batch #: 707570

Sample: 500983-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	112	100	112	70-135	
o-Terphenyl	49.6	50.0	99	70-135	

Lab Batch #: 707570

Sample: CCB-03 / CCB

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	99.0	100	99	70-135	
o-Terphenyl	48.3	50.0	97	70-135	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Project Name: LF-59

Work Order #: 292074

Project ID: TNM-LF-59

Analyst: SHE

Date Analyzed: 11/01/2007

Lab Batch ID: 707570

Sample: 500983-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	ND	1000	1010	101	1000	1000	100	1	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1000	1010	101	1000	994	99	2	70-135	35	

Relative Percent Difference RPD = $200 * (D-F) / (D+F)$
 Blank Spike Recovery [D] = $100 * (C) / (B)$
 Blank Spike Duplicate Recovery [G] = $100 * (F) / (E)$
 All results are based on MDL and Validated for QC Purposes



Form 3 - MS / MSD Recoveries

Project Name: LF-59

Work Order #: 292074

Lab Batch ID: 707570

Date Analyzed: 11/01/2007

Reporting Units: mg/kg

Project ID: TNM-LF-59

QC-Sample ID: 292074-001 S

Date Prepared: 10/30/2007

Batch #: 1 Matrix: Soil

Analyst: SHE

Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	ND	1040	1080	104	1040	1030	99	5	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1040	1100	106	1040	1050	101	5	70-135	35	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*(D-G)/(D+G)

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E



Sample Duplicate Recovery

Project Name: LF-59

Work Order #: 292074

Lab Batch #: 707455

Project ID: TNM-LF-59

Date Analyzed: 10/30/2007

Date Prepared: 10/30/2007

Analyst: RBA

QC- Sample ID: 292074-001 D

Batch #: 1

Matrix: Soil

Reporting Units: %

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Percent Moisture	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Percent Moisture	3.72	3.70	1	20	

Spike Relative Difference RPD $200 * |(B-A)/(B+A)|$
All Results are based on MDL and validated for QC purposes.

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

Client: Nova Safety & Environmental
 Date/ Time: 10/29/07 13:37
 Lab ID #: 292074
 Initials: gms

Sample Receipt Checklist

				Client Initials
#1 Temperature of container/ cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	1.5 °C	
#2 Shipping container in good condition?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#3 Custody Seals intact on shipping container/ cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not Present	
#4 Custody Seals intact on sample bottles/ container?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not Present	
#5 Chain of Custody present?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#6 Sample instructions complete of Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#7 Chain of Custody signed when relinquished/ received?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#8 Chain of Custody agrees with sample label(s)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	ID written on Cont./Lid	
#9 Container label(s) legible and intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not Applicable	
#10 Sample matrix/ properties agree with Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#11 Containers supplied by ELOT?	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
#12 Samples in proper container/ bottle?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	See Below	
#13 Samples properly preserved?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	See Below	
#14 Sample bottles intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#15 Preservations documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#16 Containers documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#17 Sufficient sample amount for indicated test(s)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	See Below	
#18 All samples received within sufficient hold time?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	See Below	
#19 Subcontract of sample(s)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not Applicable	
#20 VOC samples have zero headspace?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not Applicable	

Variance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken: _____

- Check all that Apply:
- See attached e-mail/ fax
 - Client understands and would like to proceed with analysis
 - Cooling process had begun shortly after sampling event

Analytical Report 293293

for

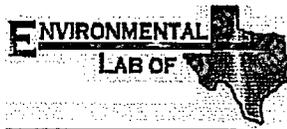
PLAINS ALL AMERICAN EH&S

Project Manager: Camille Reynolds

LF-59

TNM-LF-59

29-NOV-07



12600 West I-20 East Odessa, Texas 79765

A Xenco Laboratories Company

Texas certification numbers:

Houston, TX T104704215

Florida certification numbers:

Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America
Midland - Corpus Christi - Atlanta



29-NOV-07

Project Manager: **Camille Reynolds**
PLAINS ALL AMERICAN EH&S
1301 S. COUNTY ROAD 1150
Midland, TX 79706

Reference: XENCO Report No: **293293**
LF-59
Project Address: Monument, NM

Camille Reynolds:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 293293. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 293293 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron, II
Odessa Laboratory Manager

*Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY
Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America*



Sample Cross Reference 293293



PLAINS ALL AMERICAN EH&S, Midland, TX

LF-59

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SP-1-07	S	Nov-16-07 10:20		293293-001
SSW #1 B	S	Nov-16-07 10:25		293293-002

Project Id: INM-LF-59
Contact: Camille Reynolds
Project Location: Monument, NM

Date Received in Lab: Mon Nov-19-07 01:55 pm
Report Date: 29-NOV-07
Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	293293-001	293293-002
	Field Id:	SP-1-07	SSW #1 B
	Depth:		
	Matrix:	SOIL	SOIL
	Sampled:	Nov-16-07 10:20	Nov-16-07 10:25
BTEX by EPA 8021B	Extracted:	Nov-28-07 13:51	Nov-28-07 13:51
	Analyzed:	Nov-28-07 19:17	Nov-28-07 19:34
	Units/RL:	mg/kg RL	mg/kg RL
Benzene		ND 0.0011	ND 0.0010
Toluene		ND 0.0021	ND 0.0021
Ethylbenzene		ND 0.0011	ND 0.0010
m,p-Xylenes		ND 0.0021	ND 0.0021
o-Xylene		ND 0.0011	ND 0.0010
Xylenes, Total		ND	ND
Total BTEX		ND	ND
Percent Moisture			
	Extracted:		
	Analyzed:	Nov-19-07 15:00	Nov-19-07 15:00
	Units/RL:	% RL	% RL
		4.86	3.5
TPH by SW8015 Mod			
	Extracted:		
	Analyzed:	Nov-19-07 14:17	Nov-19-07 14:17
	Units/RL:	mg/kg RL	mg/kg RL
		ND 15.8	ND 15.5
C6-C12 Gasoline Range Hydrocarbons		129	47.6
C12-C28 Diesel Range Hydrocarbons		30.9	ND
C28-C35 Oil Range Hydrocarbons		159.9	47.6
Total TPH			

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty in the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work unless otherwise agreed to in writing.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America


Brent Barron
 Odessa Laboratory Director



Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
 - B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
 - D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
 - E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
 - F** RPD exceeded lab control limits.
 - J** The target analyte was positively identified below the MQL and above the SQL.
 - U** Analyte was not detected.
 - L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
 - H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
 - K** Sample analyzed outside of recommended hold time.
- * Outside XENCO'S scope of NELAC Accreditation

*Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY
Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America*

11381 Meadowglen Lane Suite L Houston, Tx 77082-2647
9701 Harry Hines Blvd , Dallas, TX 75220
5332 Blackberry Drive, Suite 104, San Antonio, TX 78238
2505 N. Falkenburg Rd., Tampa, FL 33619
5757 NW 158th St, Miami Lakes, FL 33014

Phone	Fax
(281) 589-0692	(281) 589-0695
(214) 902 0300	(214) 351-9139
(210) 509-3334	(201) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555



Form 2 - Surrogate Recoveries



Project Name: LF-59

Work Order #: 293293

Project ID: TNM-LF-59

Lab Batch #: 709436

Sample: 293293-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0345	0.0300	115	80-120	
4-Bromofluorobenzene	0.0279	0.0300	93	80-120	

Lab Batch #: 709436

Sample: 293293-002 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0347	0.0300	116	80-120	
4-Bromofluorobenzene	0.0301	0.0300	100	80-120	

Lab Batch #: 709436

Sample: 501986-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0329	0.0300	110	80-120	
4-Bromofluorobenzene	0.0310	0.0300	103	80-120	

Lab Batch #: 709436

Sample: 501986-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0352	0.0300	117	80-120	
4-Bromofluorobenzene	0.0291	0.0300	97	80-120	

Lab Batch #: 709436

Sample: 501986-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0327	0.0300	109	80-120	
4-Bromofluorobenzene	0.0316	0.0300	105	80-120	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries



Project Name: LF-59

Work Order #: 293293

Project ID: TNM-LF-59

Lab Batch #: 708864

Sample: 293203-001 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	105	100	105	70-135	
o-Terphenyl	48.0	50.0	96	70-135	

Lab Batch #: 708864

Sample: 293203-001 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	105	100	105	70-135	
o-Terphenyl	46.6	50.0	93	70-135	

Lab Batch #: 708864

Sample: 293293-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	111	100	111	70-135	
o-Terphenyl	60.1	50.0	120	70-135	

Lab Batch #: 708864

Sample: 293293-002 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	110	100	110	70-135	
o-Terphenyl	58.3	50.0	117	70-135	

Lab Batch #: 708864

Sample: 501670-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	108	100	108	70-135	
o-Terphenyl	48.6	50.0	97	70-135	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries



Project Name: LF-59

Work Order #: 293293

Project ID: TNM-LF-59

Lab Batch #: 708864

Sample: 501670-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	102	100	102	70-135	
o-Terphenyl	50.2	50.0	100	70-135	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = $100 * A / B$

All results are based on MDL and validated for QC purposes.



Blank Spike Recovery



Project Name: LF-59

Work Order #: 293293

Project ID:

TNM-LF-59

Lab Batch #: 708864

Sample: 501670-1-BKS

Matrix: Solid

Date Analyzed: 11/19/2007

Date Prepared: 11/19/2007

Analyst: SHE

Reporting Units: mg/kg

Batch #: 1

BLANK/BLANK SPIKE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
C6-C12 Gasoline Range Hydrocarbons	ND	1000	807	81	70-135	
C12-C28 Diesel Range Hydrocarbons	ND	1000	769	77	70-135	

Blank Spike Recovery [D] = 100*[C]/[B]

All results are based on MDL and validated for QC purposes.



BS / BSD Recoveries



Project Name: LF-59

Work Order #: 293293

Project ID: TNM-LF-59

Analyst: SHE

Date Prepared: 11/28/2007

Date Analyzed: 11/28/2007

Lab Batch ID: 709436

Sample: 501986-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK/BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
BTEX by EPA 8021B											
Benzene	ND	0.1000	0.1094	109	0.1	0.1088	109	1	70-130	35	
Toluene	ND	0.1000	0.1083	108	0.1	0.1090	109	1	70-130	35	
Ethylbenzene	ND	0.1000	0.1094	109	0.1	0.1125	113	3	71-129	35	
m,p-Xylenes	ND	0.2000	0.2144	107	0.2	0.2208	110	3	70-135	35	
o-Xylene	ND	0.1000	0.1084	108	0.1	0.1122	112	3	71-133	35	

Relative Percent Difference RPD = $200 * [(D-F)/(D+F)]$
Blank Spike Recovery [D] = $100 * (C)/[E]$
Blank Spike Duplicate Recovery [G] = $100 * (F)/[E]$
All results are based on MDL and Validated for QC Purposes

Project Name: LF-59

Work Order #: 293293

Project ID: TNM-LF-59

Lab Batch ID: 708864

QC-Sample ID: 293203-001 S

Batch #: 1 Matrix: Soil

Date Analyzed: 11/20/2007

Date Prepared: 11/19/2007

Analyst: SHE

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY											
TPH by SW8015 Mod	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analyses											
C6-C12 Gasoline Range Hydrocarbons	ND	1010	764	76	1010	773	77	1	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1010	761	75	1010	774	77	3	70-135	35	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*(D-G)/(D+G)

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQU = Estimated Quantitation Limit



Sample Duplicate Recovery



Project Name: LF-59

Work Order #: 293293

Lab Batch #: 708848

Project ID: TNM-LF-59

Date Analyzed: 11/19/2007

Date Prepared: 11/19/2007

Analyst: RBA

QC- Sample ID: 293280-022 D

Batch #: 1

Matrix: Soil

Reporting Units: %

SAMPLE / SAMPLE DUPLICATE RECOVERY

Percent Moisture	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Percent Moisture	2.62	2.99	13	20	

Spike Relative Difference RPD $200 * \frac{|B-A|}{B+A}$
All Results are based on MDL and validated for QC purposes.

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

Client: Plains / Nova
 Date/ Time: 11-19-07 @ 1355
 Lab ID #: 293293
 Initials: JMF

Sample Receipt Checklist

			Client Initials
#1 Temperature of container/ cooler?	(Yes)	No	4.0 °C
#2 Shipping container in good condition?	(Yes)	No	
#3 Custody Seals intact on shipping container/ cooler?	Yes	No	(Not Present)
#4 Custody Seals intact on sample bottles/ container?	Yes	No	(Not Present)
#5 Chain of Custody present?	(Yes)	No	
#6 Sample Instructions complete of Chain of Custody?	(Yes)	No	
#7 Chain of Custody signed when relinquished/ received?	(Yes)	No	
#8 Chain of Custody agrees with sample label(s)?	Yes	No	(D written on Cont. (LD)
#9 Container label(s) legible and intact?	Yes	No	(Not Applicable)
#10 Sample matrix/ properties agree with Chain of Custody?	(Yes)	No	
#11 Containers supplied by ELOT?	(Yes)	No	
#12 Samples in proper container/ bottle?	(Yes)	No	See Below
#13 Samples properly preserved?	(Yes)	No	See Below
#14 Sample bottles intact?	(Yes)	No	
#15 Preservations documented on Chain of Custody?	(Yes)	No	
#16 Containers documented on Chain of Custody?	(Yes)	No	
#17 Sufficient sample amount for indicated test(s)?	(Yes)	No	See Below
#18 All samples received within sufficient hold time?	(Yes)	No	See Below
#19 Subcontract of sample(s)?	Yes	No	(Not Applicable)
#20 VOC samples have zero headspace?	(Yes)	No	Not Applicable

Variance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken: _____

- Check all that Apply:
- See attached e-mail/ fax
 - Client understands and would like to proceed with analysis
 - Cooling process had begun shortly after sampling event



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
200 East Sunset Road, Suite E El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
5002 Basin Street, Suite A1 Midland, Texas 79703 432•689•6301 FAX 432•689•6313
6015 Harris Parkway, Suite 110 Ft. Worth, Texas 76132 817•201•5260
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Julie Koonce
Nova Safety & Environmental
2057 Commerce St.
Midland, TX, 79703

Report Date: December 19, 2007

Work Order: 7121814



Project Location: West of Monument/ New Mexico
Project Name: LF-59
Project Number: TNM-LF-59

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
145687	SP-207	soil	2007-12-17	12:00	2007-12-18

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.

This report consists of a total of 8 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

Standard Flags

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

Case Narrative

Samples for project LF-59 were received by TraceAnalysis, Inc. on 2007-12-18 and assigned to work order 7121814. Samples for work order 7121814 were received intact at a temperature of 4 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method
BTEX	S 8021B
TPH DRO	Mod. 8015B
TPH GRO	S 8015B

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 7121814 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 145687 - SP-207

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5035
QC Batch: 43989	Date Analyzed: 2007-12-18	Analyzed By: DC
Prep Batch: 37903	Sample Preparation: 2007-12-18	Prepared By: DC

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		0.0362	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.08	mg/Kg	1	1.00	108	70 - 130
4-Bromofluorobenzene (4-BFB)		0.935	mg/Kg	1	1.00	94	70 - 130

Sample: 145687 - SP-207

Analysis: TPH DRO	Analytical Method: Mod. 8015B	Prep Method: N/A
QC Batch: 43974	Date Analyzed: 2007-12-18	Analyzed By: LD
Prep Batch: 37893	Sample Preparation: 2007-12-18	Prepared By: LD

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		139	mg/Kg	1	100	139	17.3 - 169.6

Sample: 145687 - SP-207

Analysis: TPH GRO	Analytical Method: S 8015B	Prep Method: S 5035
QC Batch: 43987	Date Analyzed: 2007-12-18	Analyzed By: DC
Prep Batch: 37903	Sample Preparation: 2007-12-18	Prepared By: DC

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)		0.983	mg/Kg	1	1.00	98	70 - 130
4-Bromofluorobenzene (4-BFB)		0.862	mg/Kg	1	1.00	86	70 - 130

Method Blank (1) QC Batch: 43974

QC Batch: 43974 Date Analyzed: 2007-12-18 Analyzed By: LD
 Prep Batch: 37893 QC Preparation: 2007-12-18 Prepared By: LD

Parameter	Flag	MDL Result	Units	RL
DRO		<13.4	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		129	mg/Kg	1	100	129	32.9 - 156.1

Method Blank (1) QC Batch: 43987

QC Batch: 43987 Date Analyzed: 2007-12-18 Analyzed By: DC
 Prep Batch: 37903 QC Preparation: 2007-12-18 Prepared By: DC

Parameter	Flag	MDL Result	Units	RL
GRO		0.701	mg/Kg	1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.04	mg/Kg	1	1.00	104	70 - 130
4-Bromofluorobenzene (4-BFB)		0.884	mg/Kg	1	1.00	88	70 - 130

Method Blank (1) QC Batch: 43989

QC Batch: 43989 Date Analyzed: 2007-12-18 Analyzed By: DC
 Prep Batch: 37903 QC Preparation: 2007-12-18 Prepared By: DC

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00300	mg/Kg	0.01
Toluene		<0.00300	mg/Kg	0.01
Ethylbenzene		<0.00400	mg/Kg	0.01
Xylene		<0.0140	mg/Kg	0.01

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.02	mg/Kg	1	1.00	102	70 - 130
4-Bromofluorobenzene (4-BFB)		0.914	mg/Kg	1	1.00	91	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 43974 Date Analyzed: 2007-12-18 Analyzed By: LD
 Prep Batch: 37893 QC Preparation: 2007-12-18 Prepared By: LD

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	232	mg/Kg	1	250	<13.4	93	49.1 - 142.3

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

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
DRO	222	mg/Kg	1	250	<13.4	89	49.1 - 142.3	4	20

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

Surrogate	LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
n-Triacontane	93.3	93.2	mg/Kg	1	100	93	93	49 - 133.2

Laboratory Control Spike (LCS-1)

QC Batch: 43987
 Prep Batch: 37903

Date Analyzed: 2007-12-18
 QC Preparation: 2007-12-18

Analyzed By: DC
 Prepared By: DC

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	8.71	mg/Kg	1	10.0	<0.0118	87	70 - 130

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

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	8.84	mg/Kg	1	10.0	<0.0118	88	70 - 130	2	

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

Surrogate	LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.09	1.09	mg/Kg	1	1.00	109	109	70 - 130
4-Bromofluorobenzene (4-BFB)	0.932	0.941	mg/Kg	1	1.00	93	94	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 43989
 Prep Batch: 37903

Date Analyzed: 2007-12-18
 QC Preparation: 2007-12-18

Analyzed By: DC
 Prepared By: DC

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	1.09	mg/Kg	1	1.00	<0.00300	109	70 - 130
Toluene	1.09	mg/Kg	1	1.00	<0.00300	109	70 - 130
Ethylbenzene	1.10	mg/Kg	1	1.00	<0.00400	110	70 - 130
Xylene	3.31	mg/Kg	1	3.00	<0.0140	110	70 - 130

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

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	1.04	mg/Kg	1	1.00	<0.00300	104	70 - 130	5	

continued ...

control spikes continued ...

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Toluene	1.03	mg/Kg	1	1.00	<0.00300	103	70 - 130	6	
Ethylbenzene	1.04	mg/Kg	1	1.00	<0.00400	104	70 - 130	6	
Xylene	3.14	mg/Kg	1	3.00	<0.0140	105	70 - 130	5	

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

Surrogate	LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.08	1.09	mg/Kg	1	1.00	108	109	70 - 130
4-Bromofluorobenzene (4-BFB)	0.946	0.948	mg/Kg	1	1.00	95	95	70 - 130

Matrix Spike (MS-1) Spiked Sample: 145687

QC Batch: 43974 Date Analyzed: 2007-12-18 Analyzed By: LD
 Prep Batch: 37893 QC Preparation: 2007-12-18 Prepared By: LD

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	166	mg/Kg	1	250	<13.4	66	30.2 - 201.4

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	156	mg/Kg	1	250	<13.4	62	30.2 - 201.4	6	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	86.4	115	mg/Kg	1	100	86	115	10 - 194

Matrix Spike (MS-1) Spiked Sample: 145687

QC Batch: 43987 Date Analyzed: 2007-12-18 Analyzed By: DC
 Prep Batch: 37903 QC Preparation: 2007-12-18 Prepared By: DC

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	9.89	mg/Kg	1	10.0	<0.0118	99	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	11.7	mg/Kg	1	10.0	<0.0118	117	70 - 130	17	

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)	0.982	0.994	mg/Kg	1	1	98	99	70 - 130

continued ...

matrix spikes continued ...

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
4-Bromofluorobenzene (4-BFB)	0.935	0.929	mg/Kg	1	1	94	93	70 - 130

Matrix Spike (MS-1) Spiked Sample: 145687

QC Batch: 43989 Date Analyzed: 2007-12-18 Analyzed By: DC
 Prep Batch: 37903 QC Preparation: 2007-12-18 Prepared By: DC

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	1.12	mg/Kg	1	1.00	<0.00300	112	70 - 130
Toluene	1.13	mg/Kg	1	1.00	0.0065	112	70 - 130
Ethylbenzene	1.16	mg/Kg	1	1.00	<0.00400	116	70 - 130
Xylene	3.50	mg/Kg	1	3.00	0.0362	115	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	1.10	mg/Kg	1	1.00	<0.00300	110	70 - 130	2	
Toluene	1.12	mg/Kg	1	1.00	0.0065	111	70 - 130	1	
Ethylbenzene	1.15	mg/Kg	1	1.00	<0.00400	115	70 - 130	1	
Xylene	3.47	mg/Kg	1	3.00	0.0362	114	70 - 130	1	

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)	1.07	1.09	mg/Kg	1	1	107	109	70 - 130
4-Bromofluorobenzene (4-BFB)	0.941	0.956	mg/Kg	1	1	94	96	70 - 130

Standard (ICV-1)

QC Batch: 43974 Date Analyzed: 2007-12-18 Analyzed By: LD

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	231	92	85 - 115	2007-12-18

Standard (CCV-1)

QC Batch: 43974 Date Analyzed: 2007-12-18 Analyzed By: LD

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	228	91	85 - 115	2007-12-18

TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Avenue, Suite 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296

200 East Sunset Rd., Suite E
El Paso, Texas 79922
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

6015 Harris Pkwy., Suite 110
Ft. Worth, Texas 76132
Tel (817) 201-5260

Company Name: **NOVA SAFETY ENVIRONMENTAL** Phone #: **432-520-7720**
Address: (Street, City, Zip) **8057 COMMERCE 79703** Fax #: **432-520-7720**
Contact Person: **WIRT STANLEY** E-mail:
Invoice to: **PLAINS**
(if different from above)

Project #: **LF-59** Project Name: **LF-59**
Project Location (including state): **MONUMENT, NM** Sampler Signature: *[Signature]*

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX						PRESERVATIVE METHOD				DATE	SAMPLING TIME	
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE			
145687	SP-207	1	4g	X								X			12/17/07	12:00

ANALYSIS REQUEST (Circle or Specify Method No.)

<input type="checkbox"/>	MTBE 8021B / 602 / 8260B / 624
<input type="checkbox"/>	BTEX 8021B / 602 / 8260B / 624
<input type="checkbox"/>	TPH 418.1 / TX1005 / TX1005 Ek(C35)
<input type="checkbox"/>	TPH 8045 GRO / DRO / TVHC
<input type="checkbox"/>	PAH 8270C / 625
<input type="checkbox"/>	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/2007
<input type="checkbox"/>	TCLP Metals Ag As Ba Cd Cr Pb Se Hg
<input type="checkbox"/>	TCLP Volatiles
<input type="checkbox"/>	TCLP Semi Volatiles
<input type="checkbox"/>	TCLP Pesticides
<input type="checkbox"/>	RCI
<input type="checkbox"/>	GC/MS Vol. 8260B / 624
<input type="checkbox"/>	GC/MS Semi. Vol. 8270C / 625
<input type="checkbox"/>	PCBs 8082 / 608
<input type="checkbox"/>	Pesticides 8081A / 608
<input type="checkbox"/>	BOD, TSS, pH
<input type="checkbox"/>	Moisture Content
<input checked="" type="checkbox"/>	Turn Around Time if different from standard

Requisitioned by: *[Signature]* Date: 12/18/07 Time: 10:06
 Received by: *Rebecca Astell* Date: 12/18/07 Time: 00:00
 Requisitioned by: *Rebecca Astell* Date: 12/18/07 Time: 10:20
 Received by: *[Signature]* Date: 12-18-07 Time: 10:20

LAB USE ONLY
 Intact: Y / N
 Headspace: Y / N
 Temp: Y / N
 Log-in/Review: *DS*

REMARKS: **Rush all test Midland**
 Dry Weight Basis Required
 TRRP Report Required
 Check If Special Reporting Limits Are Needed



811 Search Form
Artesia, NM 88210
District III - (505) 334-6178
1000 Ejo Brazos Road
Artesia, NM 87410
District IV - (505) 827-7131

Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

STATE Byrd LF. 1999-59

Submit 2 copies to
Appropriate District
Office in accordance
with Rule 116 on
back side of form

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name EOTT Energy Pipeline	Contact Lennah Frost
Address PO BOX 1660	Telephone No. 915/6843467
Facility Name	Facility Type Pipeline

Surface Owner State of New Mexico	Mineral Owner	Lease No.
---------------------------------------------	---------------	-----------

LOCATION OF RELEASE

Lot Letter L	Section 32	Township 19S	Range 37E	Feet from the	North/South Line	Feet from the	East/West Line	County Lea
------------------------	----------------------	------------------------	---------------------	---------------	------------------	---------------	----------------	----------------------

NATURE OF RELEASE

Type of Release Crude oil	Volume of Release 260 bbl/s	Volume Recovered 200 bbl/s
Source of Release Crude oil Pipeline	Date and Hour of Occurrence 7/8/99 1PM	Date and Hour of Discovery 7/8/99 1PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Chris Williams	
By Whom? Lennah Frost	Date and Hour 7/8/99 - 2:30P	
Was a Winchouse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If Yes, Volume Impacting the Winchouse.	

If a Winchouse was impacted, Describe Fully. (Attach Additional Sheets If Necessary)

Describe Cause of Problem and Remedial Action Taken. (Attach Additional Sheets If Necessary)
Internal Corrosion - Leak Clamped off will replace pipe ASAP

Describe Area Affected and Cleanup Action Taken (Attach Additional Sheets If Necessary)
Spill occurred in a previously remediated site. Will evaluate for cleanup this week

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 resulted as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and coordinate 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: Lennah Frost	OIL CONSERVATION DIVISION		
Printed Name: Lennah Frost	Approved by District Supervisor:	Approval Date:	Expiration Date:
Title: SR. ENV. ENG	Approval Date:	Expiration Date:	Attached <input type="checkbox"/>
Date: 7-20-99	Phone: 915/6843467	Conditions of Approval:	

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

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company	Plains Marking, L.P.	Contact:	Camille Reynolds
Address:	3112 Highway 82, Lovington, NM	Telephone No.	505-441-0965
Facility Name	LF-59 (SRS TNM-LF-59)	Facility Type:	8 Inch Steel Pipeline

Surface Owner:	Mineral Owner	Lease No.
State of New Mexico		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	32	19S	37E					Lea

Latitude 32 degrees, 56' 50.1" Longitude 103 degrees, 49.6"

NATURE OF RELEASE

Type of Release:	Crude Oil	Volume of Release:	260 BBL	Volume Recovered	200 BBL
Source of Release:	8" Steel Pipeline	Date and Hour of Occurrence	7/18/1999 / 13:00 hours	Date and Hour of Discovery	7/18/1999 13:00 hours
Was Immediate Notice Given?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Chris Williams (NMOCD Hobbs District Office)		
By Whom?	Lennah Frost	Date and Hour	7/18/1999 / 14:30 hours		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

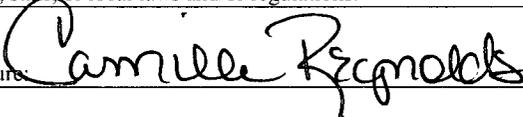
Describe Cause of Problem and Remedial Action Taken.*

Release was the result of internal corrosion of 8-inch pipeline. Leak was clamped off and product was recovered

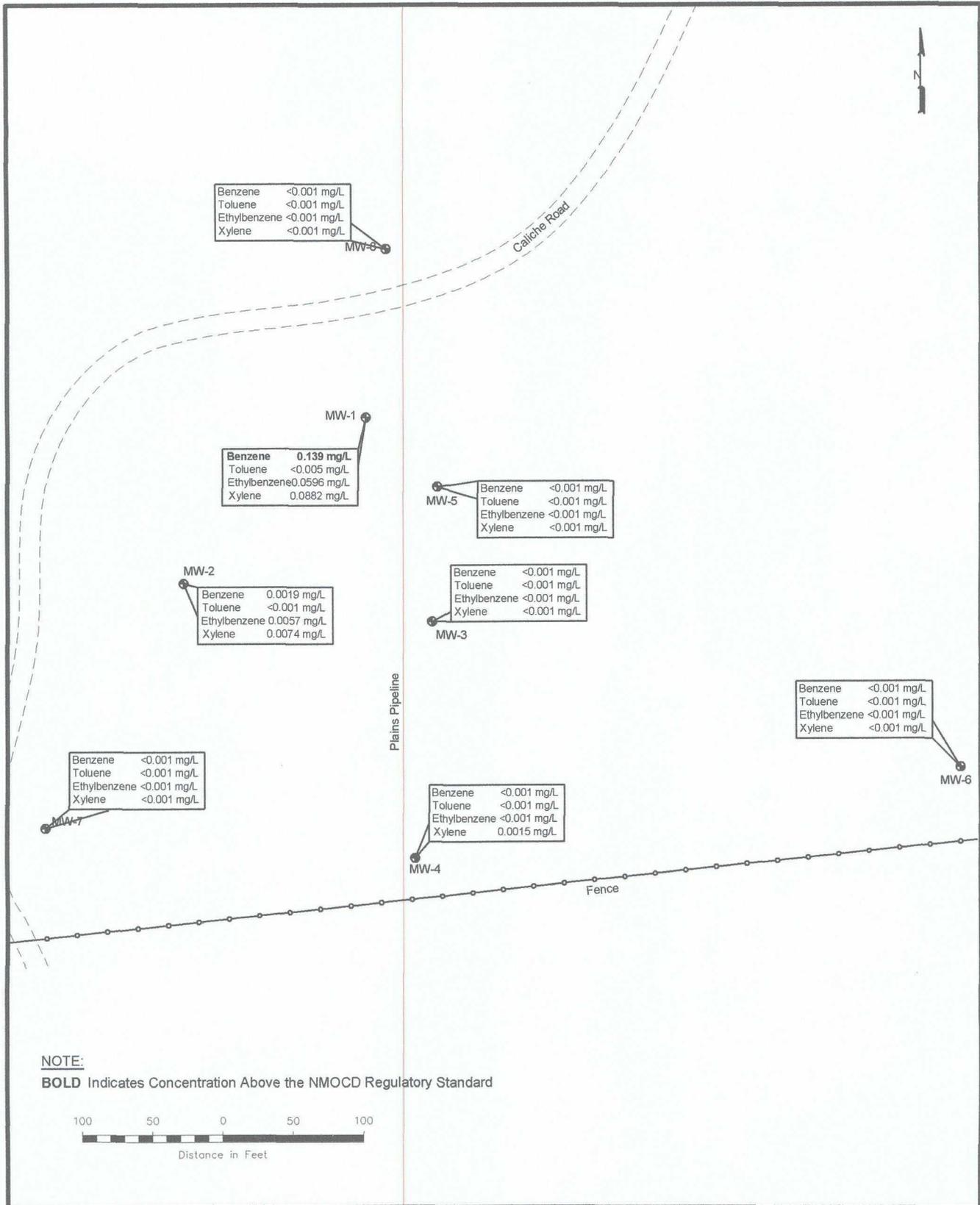
Describe Area Affected and Cleanup Action Taken.*

Area affected was approximately 400 feet, by 270 feet at its widest extent. Soil closure was risk-based, using a synthetic liner installed at approximately six feet below ground surface and backfilled. Please see Soil Closure Request dated February 2008, prepared by NOVA Safety and Environmental, Inc. Groundwater monitoring and sampling will be ongoing until 8 consecutive quarter's demonstrate analytical results below NMOCD regulatory standards.

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: Camille Reynolds	Approved by District Supervisor:		
Title: Environmental Coordinator	Approval Date:	Expiration Date:	
E-mail Address: cjreynolds@paalp.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: February 11, 2008	Phone: (505) 441-0965		

* Attach Additional Sheets If Necessary



LEGEND:

- Monitor Well Location
- <0.001 Constituent Concentration (mg/L)
- (NS) Not Sampled

Figure 3D
 NMOCD Groundwater Concentration and Inferred PSH Extent Map (12/28/07)
 Plains Marketing, L.P.
 LF - 59
 Monument, NM

NOVA Safety and Environmental



Lat. 32° 36' 50.1"N	Long 103° 16' 49.6"W	Scale: 1"=100'
NW1/4 SW1/4 Sec32 T19S R37E	CAD By: DGC	Checked By: CDS
January 25, 2008		

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	02/22/00	3,572.21	-	19.94	0.00	3,552.27
	02/23/00	3,572.21	-	19.95	0.00	3,552.26
	04/06/00	3,572.21	-	19.81	0.00	3,552.40
	08/29/00	3,572.21	19.46	19.76	0.30	3,552.71
	12/04/00	3,572.21	19.55	19.61	0.06	3,552.65
	01/23/01	3,572.21	19.57	20.17	0.60	3,552.55
	05/16/01	3,572.21	19.63	20.61	0.98	3,552.43
	08/06/01	3,572.21	19.76	21.09	1.33	3,552.25
	09/27/01	3,572.21	19.91	20.88	0.97	3,552.15
	10/29/01	3,572.21	19.91	20.88	0.97	3,552.15
	03/29/02	3,572.21	19.34	19.37	0.03	3,552.87
	05/20/02	3,572.21	19.81	19.93	0.12	3,552.38
	09/10/02	3,572.21	19.80	20.16	0.36	3,552.36
	10/02/02	3,572.21	19.91	20.45	0.54	3,552.22
	10/03/02	3,572.21	19.89	20.83	0.94	3,552.18
	10/08/02	3,572.21	19.92	20.44	0.52	3,552.21
	10/14/02	3,572.21	19.94	20.52	0.58	3,552.18
	10/22/02	3,572.21	19.99	20.50	0.51	3,552.14
	11/14/02	3,572.21	19.66	19.83	0.17	3,552.52
	12/03/03	3,572.21	20.25	21.20	0.95	3,551.82
	01/14/04	3,572.21	20.82	21.70	0.88	3,551.26
	01/19/04	3,572.21	20.81	21.72	0.91	3,551.26
	01/27/04	3,572.21	20.79	21.65	0.86	3,551.29
	02/03/04	3,572.21	20.75	21.62	0.87	3,551.33
	02/10/04	3,572.21	21.00	21.21	0.21	3,551.18
	02/19/04	3,572.21	20.58	21.13	0.55	3,551.55
	02/23/04	3,572.21	20.97	21.16	0.19	3,551.21
	03/02/04	3,572.21	20.94	21.18	0.24	3,551.23
	03/03/04	3,572.21	20.23	20.64	0.41	3,551.92
	03/11/04	3,572.21	20.46	20.77	0.31	3,551.70
	03/15/04	3,572.21	20.42	20.69	0.27	3,551.75
	03/17/04	3,572.21	20.73	20.94	0.21	3,551.45
	03/22/04	3,572.21	20.76	20.98	0.22	3,551.42
	03/24/04	3,572.21	20.23	20.36	0.13	3,551.96
	03/29/04	3,572.21	20.90	20.98	0.08	3,551.30
	04/07/04	3,572.21	17.26	17.26	0.00	3,554.95
	04/13/04	3,572.21	17.17	17.17	0.00	3,555.04
	04/20/04	3,572.21	18.25	18.25	0.00	3,553.96
	04/27/04	3,572.21	18.88	18.89	0.01	3,553.33
	05/11/04	3,572.21	19.64	19.64	0.00	3,552.57
	05/18/04	3,572.21	19.22	19.22	0.00	3,552.99
	06/17/04	3,572.21	19.42	19.42	0.00	3,552.79
	06/23/04	3,572.21	19.45	19.45	0.00	3,552.76
	06/30/04	3,572.21	-	19.43	0.00	3,552.78
	07/07/04	3,572.21	-	19.44	0.00	3,552.77
	07/21/04	3,572.21	-	19.13	0.00	3,553.08
	08/04/04	3,572.21	-	19.12	0.00	3,553.09

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	08/11/04	3,572.21	19.40	19.41	0.01	3,552.81
	09/07/04	3,572.21	Sheen	19.50	0.00	3,552.71
	09/13/04	3,572.21	Sheen	19.52	0.00	3,552.69
	09/21/04	3,572.21	Sheen	20.63	0.00	3,551.58
	09/21/04	3,572.21	Sheen	20.63	0.00	3,551.58
	10/12/04	3,572.21	Sheen	14.45	0.00	3,557.76
	10/21/04	3,572.21	Sheen	15.85	0.00	3,556.36
	10/28/04	3,572.21	Sheen	15.82	0.00	3,556.39
	11/03/04	3,572.21	Sheen	17.08	0.00	3,555.13
	11/10/04	3,572.21	Sheen	16.97	0.00	3,555.24
	11/17/04	3,572.21	Sheen	16.40	0.00	3,555.81
	12/01/04	3,572.21	Sheen	13.80	0.00	3,558.41
	12/08/04	3,572.21	Sheen	14.31	0.00	3,557.90
	12/14/04	3,572.21	-	14.85	0.00	3,557.36
	12/16/04	3,572.21	Sheen	14.85	0.00	3,557.36
	12/28/04	3,572.21	Sheen	14.49	0.00	3,557.72
	01/05/05	3,572.21	Sheen	16.36	0.00	3,555.85
	01/13/05	3,572.21	Sheen	16.72	0.00	3,555.49
	01/19/05	3,572.21	Sheen	17.22	0.00	3,554.99
	01/27/05	3,572.21	Sheen	17.66	0.00	3,554.55
	02/03/05	3,572.21	Sheen	17.97	0.00	3,554.24
	02/10/05	3,572.21	Sheen	18.34	0.00	3,553.87
	02/17/05	3,572.21	Sheen	18.61	0.00	3,553.60
	02/24/05	3,572.21	Sheen	18.80	0.00	3,553.41
	03/03/05	3,572.21	Sheen	18.55	0.00	3,553.66
	03/08/05	3,572.21	Sheen	19.00	0.00	3,553.21
	03/10/05	3,572.21	Sheen	19.00	0.00	3,553.21
	03/17/05	3,572.21	Sheen	18.98	0.00	3,553.23
	03/24/05	3,572.21	Sheen	19.23	0.00	3,552.98
	03/31/05	3,572.21	Sheen	19.36	0.00	3,552.85
	04/07/05	3,572.21	Sheen	19.29	0.00	3,552.92
	04/14/05	3,572.21	Sheen	19.23	0.00	3,552.98
	05/24/05	3,572.21	Sheen	20.09	0.00	3,552.12
	06/07/05	3,572.21	Sheen	19.43	0.00	3,552.78
	06/23/05	3,572.21	Sheen	19.51	0.00	3,552.70
	07/28/05	3,572.21	Sheen	19.58	0.00	3,552.63
	08/24/05	3,572.21	Sheen	18.19	0.00	3,554.02
	09/07/05	3,572.21	-	18.96	0.00	3,553.25
	09/30/05	3,572.21	-	19.29	0.00	3,552.92
	10/28/05	3,572.21	Sheen	19.42	0.00	3,552.79
	11/16/05	3,572.21	Sheen	19.50	0.00	3,552.71
	12/02/05	3,572.21	-	19.54	0.00	3,552.67
	12/30/05	3,572.21	Sheen	19.59	0.00	3,552.62
	01/18/06	3,572.21	Sheen	19.60	0.00	3,552.61
	02/17/06	3,572.21	Sheen	19.60	0.00	3,552.61
	03/08/06	3,572.21	Sheen	19.59	0.00	3,552.62
	03/20/06	3,572.21	Sheen	19.64	0.00	3,552.57

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
LF - 59
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	04/19/06	3,572.21	Sheen	19.62	0.00	3,552.59
	05/25/06	3,572.21	20.61	20.72	0.11	3,551.58
	06/07/06	3,572.21	Sheen	19.62	0.00	3,552.59
	07/13/06	3,572.21	Sheen	19.28	0.00	3,552.93
	07/27/06	3,572.21	Sheen	19.61	0.00	3,552.60
	08/10/06	3,572.21	-	19.49	0.00	3,552.72
	09/12/06	3,572.21	-	14.64	0.00	3,557.57
	09/16/06	3,572.21	Sheen	14.71	0.00	3,557.50
	10/04/06	3,572.21	-	19.66	0.00	3,552.55
	11/15/06	3,572.21	-	19.26	0.00	3,552.95
	11/22/06	3,572.21	-	18.75	0.00	3,553.46
	01/11/07	3,572.21	Sheen	19.40	0.00	3,552.81
	02/05/07	3,572.21	Sheen	19.43	0.00	3,552.78
	02/21/07	3,572.21	-	19.54	0.00	3,552.67
	03/27/07	3,572.21	Sheen	19.44	0.00	3,552.77
	05/16/07	3,572.21	-	19.34	0.00	3,552.87
	08/10/07	3,572.21	-	19.51	0.00	3,552.70
	12/28/07	3,572.21	-	19.60	0.00	3,552.61
MW - 2	02/22/00	3,571.46	-	22.95	0.00	3,548.51
	02/23/00	3,571.46	-	22.95	0.00	3,548.51
	04/06/00	3,571.46	-	22.87	0.00	3,548.59
	08/29/00	3,571.46	-	22.06	0.00	3,549.40
	12/04/00	3,571.46	-	22.48	0.00	3,548.98
	01/23/01	3,571.46	-	22.54	0.00	3,548.92
	05/16/01	3,571.46	-	22.53	0.00	3,548.93
	08/06/01	3,571.46	-	22.74	0.00	3,548.72
	09/27/01	3,571.46	-	22.85	0.00	3,548.61
	10/29/01	3,571.46	-	22.85	0.00	3,548.61
	03/29/02	3,571.46	-	21.86	0.00	3,549.60
	05/20/02	3,571.46	-	22.51	0.00	3,548.95
	09/10/02	3,571.46	-	22.59	0.00	3,548.87
	11/14/02	3,571.46	-	22.12	0.00	3,549.34
	12/03/03	3,571.46	-	22.99	0.00	3,548.47
	03/03/04	3,571.46	-	23.01	0.00	3,548.45
	05/18/04	3,571.46	-	21.06	0.00	3,550.40
	09/07/04	3,571.46	-	22.10	0.00	3,549.36
	12/14/04	3,571.46	-	16.61	0.00	3,554.85
	03/08/05	Unable to Gauge				
	06/07/05	3,571.46	-	21.82	0.00	3,549.64
	09/07/05	3,571.46	-	20.60	0.00	3,550.86
	12/02/05	3,571.46	-	22.06	0.00	3,549.40
	03/08/06	3,571.46	-	22.30	0.00	3,549.16
	06/07/06	3,571.46	Sheen	22.36	0.00	3,549.10
	07/13/06	3,571.46	-	22.26	0.00	3,549.20
	07/27/06	3,571.46	Sheen	22.31	0.00	3,549.15
	08/10/06	3,571.46	-	22.16	0.00	3,549.30

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
LF - 59
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	09/12/06	3,571.46	-	16.31	0.00	3,555.15
	09/16/06	3,571.46	Sheen	16.78	0.00	3,554.68
	10/04/06	3,571.46	-	16.35	0.00	3,555.11
	11/15/06	3,571.46	-	16.00	0.00	3,555.46
	11/22/06	3,571.46	-	19.95	0.00	3,551.51
	01/11/07	3,571.46	Sheen	21.40	0.00	3,550.06
	02/21/07	3,571.46	-	21.89	0.00	3,549.57
	05/16/07	3,571.46	-	22.04	0.00	3,549.42
	08/10/07	3,571.46	-	22.19	0.00	3,549.27
	12/28/07	3,571.46	-	22.38	0.00	3,549.08
	MW - 3	02/22/00	3,573.46	-	20.95	0.00
02/23/00		3,573.46	-	20.92	0.00	3,552.54
04/06/00		3,573.46	-	20.85	0.00	3,552.61
08/29/00		3,573.46	-	20.53	0.00	3,552.93
12/04/00		3,573.46	-	20.64	0.00	3,552.82
01/23/01		3,573.46	-	20.60	0.00	3,552.86
05/16/01		3,573.46	-	20.69	0.00	3,552.77
08/06/01		3,573.46	-	20.89	0.00	3,552.57
09/27/01		3,573.46	-	20.96	0.00	3,552.50
10/29/01		3,573.46	-	20.96	0.00	3,552.50
03/29/02		3,573.46	-	20.54	0.00	3,552.92
05/20/02		3,573.46	-	20.78	0.00	3,552.68
09/10/02		3,573.46	-	20.82	0.00	3,552.64
11/14/02		3,573.46	-	20.68	0.00	3,552.78
12/03/03		3,573.46	-	21.18	0.00	3,552.28
03/03/04		3,573.46	-	21.17	0.00	3,552.29
05/18/04		3,573.46	-	20.24	0.00	3,553.22
09/07/04		3,573.46	-	20.58	0.00	3,552.88
12/14/04		3,573.46	-	18.47	0.00	3,554.99
03/08/05		3,573.46	-	20.28	0.00	3,553.18
06/07/05		3,573.46	-	20.46	0.00	3,553.00
09/07/05		3,573.46	-	20.19	0.00	3,553.27
12/02/05		3,573.46	-	20.53	0.00	3,552.93
03/08/06		3,573.46	-	20.57	0.00	3,552.89
06/07/06	3,573.46	-	20.62	0.00	3,552.84	
09/12/06	3,573.46	-	18.42	0.00	3,555.04	
11/22/06	3,573.46	-	20.13	0.00	3,553.33	
02/21/07	3,573.46	-	20.49	0.00	3,552.97	
05/16/07	3,573.46	-	20.46	0.00	3,553.00	
08/10/07	3,573.46	-	20.53	0.00	3,552.93	
12/28/07	3,573.46	-	26.00	0.00	3,547.46	
MW - 4	02/22/00	3,570.15	21.94	22.00	0.06	3,548.20
	04/06/00	3,570.15	20.88	20.90	0.02	3,549.27
	08/29/00	3,570.15	20.43	20.54	0.11	3,549.70
	12/04/00	3,570.15	20.54	20.68	0.14	3,549.59

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	01/23/01	3,570.15	20.62	20.81	0.19	3,549.50
	05/16/01	3,570.15	20.57	20.89	0.32	3,549.53
	08/06/01	3,570.15	20.83	21.07	0.24	3,549.28
	09/27/01	3,570.15	20.89	21.16	0.27	3,549.22
	10/29/01	3,570.15	20.89	21.16	0.27	3,549.22
	03/29/02	3,570.15	20.62	20.75	0.13	3,549.51
	05/20/02	3,570.15	20.64	20.93	0.29	3,549.47
	09/10/02	3,570.15	20.65	20.98	0.33	3,549.45
	10/08/02	3,570.15	20.74	21.14	0.40	3,549.35
	10/14/02	3,570.15	20.76	20.92	0.16	3,549.37
	10/22/02	3,570.15	20.82	20.90	0.08	3,549.32
	11/14/02	3,570.15	20.45	20.50	0.05	3,549.69
	12/03/03	3,570.15	20.93	21.19	0.26	3,549.18
	01/14/04	3,570.15	21.43	21.86	0.43	3,548.66
	01/19/04	3,570.15	21.42	21.85	0.43	3,548.67
	01/27/04	3,570.15	21.47	21.91	0.44	3,548.61
	02/03/04	3,570.15	21.42	21.90	0.48	3,548.66
	02/10/04	3,570.15	20.40	20.68	0.28	3,549.71
	02/19/04	3,570.15	21.18	21.47	0.29	3,548.93
	02/23/04	3,570.15	20.36	20.57	0.21	3,549.76
	03/02/04	3,570.15	20.41	20.59	0.18	3,549.71
	03/03/04	3,570.15	21.00	21.14	0.14	3,549.13
	03/11/04	3,570.15	21.18	21.33	0.15	3,548.95
	03/15/04	3,570.15	21.15	21.19	0.04	3,548.99
	03/17/04	3,570.15	21.46	21.60	0.14	3,548.67
	03/22/04	3,570.15	21.51	21.65	0.14	3,548.62
	03/24/04	3,570.15	20.96	21.02	0.06	3,549.18
	03/29/04	3,570.15	21.48	21.57	0.09	3,548.66
	04/07/04	3,570.15	21.10	21.10	0.00	3,549.05
	04/13/04	3,570.15	19.63	19.63	0.00	3,550.52
	04/20/04	3,570.15	20.06	20.06	0.00	3,550.09
	04/27/04	3,570.15	20.35	20.35	0.00	3,549.80
	05/11/04	3,570.15	20.86	20.86	0.00	3,549.29
	05/18/04	3,570.15	20.62	20.62	0.00	3,549.53
	06/17/04	3,570.15	20.65	20.66	0.01	3,549.50
	06/23/04	3,570.15	20.68	20.68	0.01	3,549.48
	06/30/04	3,570.15	-	20.66	0.00	3,549.49
	07/07/04	3,570.15	20.67	20.68	0.01	3,549.48
	07/21/04	3,570.15	-	20.48	0.00	3,549.67
	07/23/04	3,570.15	20.48	20.48	0.00	3,549.67
	08/04/04	3,570.15	20.47	20.47	0.00	3,549.68
	08/11/04	3,570.15	-	20.47	0.00	3,549.68
	09/07/04	3,570.15	Sheen	19.52	0.00	3,550.63
	09/13/04	3,570.15	Sheen	20.55	0.00	3,549.60
	09/21/04	3,570.15	Sheen	19.59	0.00	3,550.56
	10/12/04	3,570.15	Sheen	19.20	0.00	3,550.95
	10/21/04	3,570.15	Sheen	19.62	0.00	3,550.53

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	10/28/04	3,570.15	Sheen	19.60	0.00	3,550.55
	11/03/04	3,570.15	Sheen	19.89	0.00	3,550.26
	11/10/04	3,570.15	Sheen	19.80	0.00	3,550.35
	11/17/04	3,570.15	Sheen	19.97	0.00	3,550.18
	12/01/04	3,570.15	Sheen	19.39	0.00	3,550.76
	12/08/04	3,570.15	Sheen	19.49	0.00	3,550.66
	12/14/04	3,570.15	-	19.70	0.00	3,550.45
	12/16/04	3,570.15	Sheen	19.70	0.00	3,550.45
	12/28/04	3,570.15	Sheen	19.51	0.00	3,550.64
	01/05/05	3,570.15	Sheen	20.00	0.00	3,550.15
	01/13/05	3,570.15	Sheen	19.98	0.00	3,550.17
	01/19/05	3,570.15	Sheen	20.01	0.00	3,550.14
	01/27/05	3,570.15	Sheen	20.08	0.00	3,550.07
	02/03/05	3,570.15	Sheen	20.11	0.00	3,550.04
	02/10/05	3,570.15	Sheen	20.17	0.00	3,549.98
	02/17/05	3,570.15	Sheen	20.23	0.00	3,549.92
	02/24/05	3,570.15	Sheen	20.19	0.00	3,549.96
	03/03/05	3,570.15	Sheen	20.14	0.00	3,550.01
	03/08/05	3,570.15	Sheen	20.33	0.00	3,549.82
	03/10/05	3,570.15	Sheen	20.33	0.00	3,549.82
	03/17/05	3,570.15	Sheen	20.29	0.00	3,549.86
	03/24/05	3,570.15	Sheen	20.33	0.00	3,549.82
	03/31/05	3,570.15	Sheen	20.38	0.00	3,549.77
	04/07/05	3,570.15	Sheen	20.37	0.00	3,549.78
	04/14/05	3,570.15	Sheen	20.29	0.00	3,549.86
	05/24/05	3,570.15	Sheen	18.99	0.00	3,551.16
	06/07/05	3,570.15	Sheen	20.39	0.00	3,549.76
	06/23/05	3,570.15	Sheen	20.50	0.00	3,549.65
	07/28/05	3,570.15	Sheen	20.50	0.00	3,549.65
	08/24/05	3,570.15	Sheen	20.49	0.00	3,549.66
	09/07/05	3,570.15	Sheen	20.25	0.00	3,549.90
	09/30/05	3,570.15	-	20.30	0.00	3,549.85
	10/28/05	3,570.15	Sheen	20.61	0.00	3,549.54
	11/16/05	3,570.15	Sheen	20.62	0.00	3,549.53
	12/02/05	3,570.15	-	20.67	0.00	3,549.48
	12/30/05	3,570.15	Sheen	20.82	0.00	3,549.33
	01/18/06	3,570.15	Sheen	20.82	0.00	3,549.33
	02/17/06	3,570.15	Sheen	20.83	0.00	3,549.32
	03/08/06	3,570.15	Sheen	20.75	0.00	3,549.40
	03/20/06	3,570.15	Sheen	20.61	0.00	3,549.54
	04/19/06	3,570.15	Sheen	20.60	0.00	3,549.55
	05/25/06	3,570.15	Sheen	20.61	0.00	3,549.54
	06/07/06	3,570.15	20.61	20.62	0.01	3,549.54
	06/08/06	3,570.15	20.59	20.61	0.02	3,549.56
	07/13/06	3,570.15	Sheen	20.59	0.00	3,549.56
	07/27/06	3,570.15	Sheen	20.77	0.00	3,549.38
	08/10/06	3,570.15	Sheen	20.84	0.00	3,549.31

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
LF - 59
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	09/12/06	3,570.15	-	19.65	0.00	3,550.50
	09/16/06	3,570.15	Sheen	19.67	0.00	3,550.48
	10/04/06	3,570.15	Sheen	19.71	0.00	3,550.44
	11/15/06	3,570.15	Sheen	19.42	0.00	3,550.73
	11/22/06	3,570.15	Sheen	20.10	0.00	3,550.05
	01/11/07	3,570.15	20.42	20.43	0.01	3,549.73
	02/05/07	3,570.15	Sheen	20.49	0.00	3,549.66
	02/21/07	3,570.15	Sheen	20.65	0.00	3,549.50
	03/27/07	3,570.15	20.52	20.54	0.02	3,549.63
	05/16/07	3,570.15	Sheen	20.54	0.00	3,549.61
	08/10/07	3,570.15	20.56	20.58	0.00	3,549.57
	12/28/07	3,570.15	Sheen	20.83	0.00	3,549.32
	MW - 5	02/22/00	3,562.92	-	19.81	0.00
02/23/00		3,562.92	-	19.80	0.00	3,543.12
04/06/00		3,572.92	-	19.74	0.00	3,553.18
08/29/00		3,572.92	-	19.33	0.00	3,553.59
12/04/00		3,572.92	-	19.46	0.00	3,553.46
01/23/01		3,572.92	-	19.52	0.00	3,553.40
05/16/01		3,572.92	-	19.55	0.00	3,553.37
08/06/01		3,572.92	-	19.80	0.00	3,553.12
09/27/01		3,572.92	-	19.86	0.00	3,553.06
10/29/01		3,572.92	-	19.86	0.00	3,553.06
03/29/02		3,572.92	-	19.19	0.00	3,553.73
05/20/02		3,572.92	-	19.65	0.00	3,553.27
09/10/02		3,572.92	-	19.72	0.00	3,553.20
11/14/02		3,572.92	-	19.55	0.00	3,553.37
12/03/03		3,572.92	-	20.09	0.00	3,552.83
05/18/04		3,572.92	-	18.90	0.00	3,554.02
09/07/04		3,572.92	-	19.34	0.00	3,553.58
12/14/04		3,572.92	-	15.53	0.00	3,557.39
03/08/05		3,572.92	-	18.68	0.00	3,554.24
06/07/05		3,572.92	-	19.12	0.00	3,553.80
09/07/05		3,572.92	-	18.55	0.00	3,554.37
12/02/05	3,572.92	-	19.24	0.00	3,553.68	
03/08/06	3,572.92	-	19.32	0.00	3,553.60	
06/07/06	3,572.92	-	19.39	0.00	3,553.53	
09/12/06	3,572.92	-	15.41	0.00	3,557.51	
11/22/06	3,572.92	-	18.49	0.00	3,554.43	
02/21/07	3,572.92	-	19.16	0.00	3,553.76	
05/16/07	3,572.92	-	19.07	0.00	3,553.85	
08/10/07	3,572.92	-	19.27	0.00	3,553.65	
12/28/07	3,572.92	-	19.35	0.00	3,553.57	
MW - 6	09/18/01	3,572.11	-	19.90	0.00	3,552.21
	09/27/01	3,572.11	-	19.86	0.00	3,552.25
	10/29/01	3,572.11	-	19.86	0.00	3,552.25

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
LF - 59
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 6	03/29/02	3,572.11	-	19.62	0.00	3,552.49
	05/20/02	3,572.11	-	19.56	0.00	3,552.55
	09/10/02	3,572.11	-	19.68	0.00	3,552.43
	11/14/02	3,572.11	-	19.52	0.00	3,552.59
	12/03/03	3,572.11	-	20.06	0.00	3,552.05
	05/18/04	3,572.11	-	18.25	0.00	3,553.86
	09/07/04	3,572.11	-	18.85	0.00	3,553.26
	12/14/04	3,572.11	-	17.65	0.00	3,554.46
	03/08/05	3,572.11	-	18.11	0.00	3,554.00
	06/07/05	3,572.11	-	18.28	0.00	3,553.83
	09/07/05	3,572.11	-	18.01	0.00	3,554.10
	12/02/05	3,572.11	-	18.44	0.00	3,553.67
	03/08/06	3,572.11	-	18.53	0.00	3,553.58
	06/07/06	3,572.11	-	18.66	0.00	3,553.45
	09/12/06	3,572.11	-	17.39	0.00	3,554.72
	11/22/06	3,572.11	-	18.07	0.00	3,554.04
	02/21/07	3,572.11	-	18.36	0.00	3,553.75
	05/16/07	3,572.11	-	18.37	0.00	3,553.74
	08/10/07	3,572.11	-	18.51	0.00	3,553.60
	12/28/07	3,572.11	-	19.57	0.00	3,552.54
MW - 7	09/18/01	3,569.75	-	23.35	0.00	3,546.40
	09/27/01	3,569.75	-	23.35	0.00	3,546.40
	10/29/01	3,569.75	-	23.35	0.00	3,546.40
	03/29/02	3,569.75	-	19.82	0.00	3,549.93
	04/16/02	3,569.75	-	22.28	0.00	3,547.47
	05/13/02	3,569.75	-	22.90	0.00	3,546.85
	05/20/02	3,569.75	-	22.95	0.00	3,546.80
	09/10/02	3,569.75	-	23.00	0.00	3,546.75
	11/14/02	3,569.75	-	21.19	0.00	3,548.56
	12/03/03	3,569.75	-	23.54	0.00	3,546.21
	05/18/04	3,569.75	-	21.38	0.00	3,548.37
	09/07/04	3,569.75	-	22.35	0.00	3,547.40
	12/14/04	3,569.75	-	18.25	0.00	3,551.50
	03/08/05	3,569.75	-	21.48	0.00	3,548.27
	06/07/05	3,569.75	-	22.27	0.00	3,547.48
	09/07/05	3,569.75	-	21.21	0.00	3,548.54
	12/02/05	3,569.75	-	22.64	0.00	3,547.11
	03/08/06	3,569.75	-	22.99	0.00	3,546.76
	06/07/06	3,569.75	-	23.06	0.00	3,546.69
	09/12/06	3,569.75	-	15.57	0.00	3,554.18
	11/22/06	3,569.75	-	20.81	0.00	3,548.94
	02/21/07	3,569.75	-	22.41	0.00	3,547.34
	05/16/07	3,569.75	-	22.60	0.00	3,547.15
	08/10/07	3,569.75	-	22.84	0.00	3,546.91
	12/28/07	3,569.75	-	23.05	0.00	3,546.70

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-8	10/07/05	3,573.59	-	20.75	0.00	3,552.84
	12/02/05	3,573.59	-	20.90	0.00	3,552.69
	03/08/06	3,573.59	-	20.95	0.00	3,552.64
	06/07/06	3,573.59	-	21.06	0.00	3,552.53
	09/12/06	3,573.59	-	15.85	0.00	3,557.74
	11/22/06	3,573.59	-	20.53	0.00	3,553.06
	02/21/07	3,573.59	-	20.93	0.00	3,552.66
	05/16/07	3,573.59	-	21.96	0.00	3,551.63
	08/10/07	3,573.59	-	21.01	0.00	3,552.58
	12/28/07	3,573.59	-	21.04	0.00	3,552.55

Note: "-" denotes no PSH measured during gauging.

Elevations based on the North American Vertical Datum of 1929.

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

**PLAINS MARKETING, L.P.
LF - 59
LEA COUNTY, NEW MEXICO**

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p-XYLENES	o-XYLENE
NMOCB Regulatory Limit		0.01	0.75	0.75	0.62	
MW-1	02/23/00	0.120	0.020	0.011	0.073	0.039
	04/06/00	0.355	0.024	0.022	0.274	0.083
	05/18/04	1.740	0.031	0.218	1.160	0.415
	09/07/04	1.160	0.011	0.189	1.210	0.335
	12/14/04	0.309	<0.005	0.116	0.572	
	03/08/05	0.190	0.020	0.173	0.556	
	06/07/05	0.554	<0.2	<0.2	0.572	
	09/07/05	0.639	<0.01	0.204	0.985	
	12/02/05	0.299	<0.1	<0.1	<0.1	
	03/08/06	0.247	<0.02	0.044	0.154	
	06/07/06	0.198	<0.005	0.032	0.117	
	09/12/06	0.303	<0.2	<0.2	0.498	
	11/22/06	0.407	<0.001	0.323	0.949	
	02/21/07	0.283	<0.05	0.140	0.348	
	05/16/07	0.213	<0.02	0.118	0.356	
	08/10/07	0.0109	<0.001	0.0038	0.0099	
	12/28/07	0.1390	<0.005	0.0596	0.0882	
MW-2	02/23/00	0.196	0.004	<0.001	0.037	0.003
	04/06/00	0.278	0.005	0.002	0.086	<0.001
	08/29/00	0.272	0.007	0.026	0.055	0.026
	12/04/00	0.046	<0.001	0.006	0.009	0.002
	01/23/01	0.111	<0.001	0.006	0.016	0.001
	05/16/01	0.09	<0.001	<0.001	0.00	
	08/06/01	0.10	<0.001	0.03	0.01	0.00
	10/29/01	0.05	<0.001	0.02	0.00	0.00
	03/29/02	0.03	0.00	0.02	0.10	0.04
	05/20/02	0.03	<0.001	0.04	0.05	0.03
	09/10/02	0.04	<0.001	0.02	0.02	0.01
	11/14/02	0.03	<0.001	0.02	0.03	0.01
	12/03/03	<0.001	<0.001	<0.001	<0.002	<0.001
	03/03/04	<0.001	<0.001	<0.001	<0.002	<0.001
	05/18/04	0.01	<0.001	0.01	0.02	0.01
	09/07/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/14/04	0.00	<0.001	0.01	0.01	
03/08/05	Not sampled due to well obstruction					
06/07/05	<0.001	<0.001	<0.001	<0.001		
09/07/05	0.00	<0.001	0.02	0.04		

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

LF - 59

LEA COUNTY, NEW MEXICO

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p-XYLENES	o-XYLENE
NMOCB Regulatory Limit		0.01	0.75	0.75	0.62	
MW-2	12/02/05	0.00	<0.001	0.00	0.0025	
	03/08/06	0.01	<0.001	0.01	0.01	
	06/07/06	<0.005	<0.005	<0.005	<0.005	
	09/12/06	0.01	<0.001	0.11	0.18	
	11/22/06	0.0044	<0.001	0.03	0.04	
	02/21/07	0.002	<0.001	0.01	0.01	
	05/16/07	<0.001	<0.001	0.01	0.01	
	08/10/07	0.004	<0.001	0.0076	0.0201	
	12/28/07	0.0019	<0.001	0.0057	0.0074	
MW - 3	02/23/00	<0.001	<0.001	<0.001	<0.001	<0.001
	04/06/00	<0.001	<0.001	<0.001	<0.001	<0.001
	08/29/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/04/00	<0.001	<0.001	<0.001	<0.001	<0.001
	01/23/01	<0.001	<0.001	<0.001	<0.001	<0.001
	05/16/01	<0.001	<0.001	<0.001	<0.001	
	08/06/01	<0.001	<0.001	<0.001	<0.001	<0.001
	10/29/01	<0.001	<0.001	<0.001	<0.001	<0.001
	03/29/02	<0.001	<0.001	<0.001	<0.001	<0.001
	05/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
	11/14/02	<0.001	<0.001	<0.001	<0.001	<0.001
	12/03/03	<0.001	<0.001	<0.001	<0.002	<0.001
	03/03/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/14/04	<0.001	<0.001	<0.001	<0.001	
	03/08/05	Not Sampled on Current Sample Schedule				
	06/07/05	Not Sampled on Current Sample Schedule				
	09/07/05	Not Sampled on Current Sample Schedule				
	12/02/05	<0.001	<0.001	<0.001	<0.001	
	03/08/06	Not Sampled on Current Sample Schedule				
	06/07/06	Not Sampled on Current Sample Schedule				
	09/12/06	Not Sampled on Current Sample Schedule				
	11/22/06	<0.001	<0.001	<0.001	<0.001	
	02/21/07	Not Sampled on Current Sample Schedule				
	05/16/07	Not Sampled on Current Sample Schedule				
	08/10/07	Not Sampled on Current Sample Schedule				
	12/28/07	<0.001	<0.001	<0.001	<0.001	

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

**PLAINS MARKETING, L.P.
LF - 59
LEA COUNTY, NEW MEXICO**

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p-XYLENES	o-XYLENE
NMOCB Regulatory Limit		0.01	0.75	0.75	0.62	
MW-4	05/18/04	<0.001	<0.001	0.00157	0.00684	<0.001
	09/07/04	<0.001	<0.001	0.00225	<0.002	<0.001
	12/14/04	<0.005	<0.005	<0.005	<0.005	
	03/08/05	0.019	0.017	<0.01	0.038	
	06/07/05	<0.005	<0.005	<0.005	<0.005	
	09/07/05	<0.005	<0.005	<0.005	<0.005	
	12/02/05	<0.001	<0.001	<0.001	<0.001	
	03/08/06	<0.001	<0.001	<0.001	<0.001	
	06/07/06	Not sampled				
	09/12/06	<0.001	<0.001	<0.001	<0.001	
	11/22/06	0.002	<0.001	<0.001	0.002	
	02/21/07	<0.001	<0.001	<0.001	0.005	
	05/16/07	<0.001	<0.001	<0.001	0.002	
	08/10/07	<0.001	<0.001	<0.001	<0.001	
	12/28/07	<0.001	<0.001	<0.001	0.0015	
MW - 5	02/23/00	<0.001	<0.001	<0.001	<0.001	<0.001
	04/06/00	<0.001	<0.001	<0.001	<0.001	<0.001
	08/29/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/04/00	<0.001	<0.001	<0.001	<0.001	<0.001
	01/23/01	<0.001	<0.001	<0.001	<0.001	<0.001
	05/16/01	<0.001	<0.001	<0.001	<0.001	
	08/06/01	<0.001	<0.001	<0.001	<0.001	<0.001
	10/29/01	<0.001	<0.001	<0.001	<0.001	<0.001
	03/29/02	<0.001	<0.001	<0.001	<0.001	<0.001
	05/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
	11/14/02	<0.001	<0.001	<0.001	<0.001	<0.001
	12/03/03	<0.001	<0.001	<0.001	<0.002	<0.001
	03/03/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/14/04	<0.001	<0.001	<0.001	<0.001	
	03/08/05	Not Sampled on Current Sample Schedule				
	06/07/05	Not Sampled on Current Sample Schedule				
	09/07/05	Not Sampled on Current Sample Schedule				
	12/02/05	<0.001	<0.001	<0.001	<0.001	
	03/08/06	Not Sampled on Current Sample Schedule				
06/07/06	Not Sampled on Current Sample Schedule					
09/12/06	Not Sampled on Current Sample Schedule					

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

**PLAINS MARKETING, L.P.
LF - 59
LEA COUNTY, NEW MEXICO**

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p-XYLENES	o-XYLENE
NMOCB Regulatory Limit		0.01	0.75	0.75	0.62	
MW - 5	11/22/06	<0.001	<0.001	<0.001	<0.001	
	02/21/07	Not Sampled on Current Sample Schedule				
	05/16/07	Not Sampled on Current Sample Schedule				
	08/10/07	Not Sampled on Current Sample Schedule				
	12/28/07	<0.001	<0.001	<0.001	<0.001	
MW - 6	09/27/01	<0.001	<0.001	<0.001	<0.001	<0.001
	10/29/01	<0.001	<0.001	<0.001	<0.001	<0.001
	03/29/02	<0.001	<0.001	<0.001	<0.001	<0.001
	05/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
	11/14/02	<0.001	<0.001	<0.001	<0.001	<0.001
	12/03/03	<0.001	<0.001	<0.001	<0.002	<0.001
	03/03/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/14/04	<0.001	<0.001	<0.001	<0.001	
	03/08/05	Not Sampled on Current Sample Schedule				
	06/07/05	Not Sampled on Current Sample Schedule				
	09/07/05	Not Sampled on Current Sample Schedule				
	12/02/05	<0.001	<0.001	<0.001	<0.001	
	03/08/06	Not Sampled on Current Sample Schedule				
	06/07/06	Not Sampled on Current Sample Schedule				
	09/12/06	Not Sampled on Current Sample Schedule				
	11/22/06	<0.001	<0.001	<0.001	<0.001	
	02/21/07	Not Sampled on Current Sample Schedule				
	05/16/07	Not Sampled on Current Sample Schedule				
	08/10/07	Not Sampled on Current Sample Schedule				
	12/28/07	<0.001	<0.001	<0.001	<0.001	
MW - 7	09/27/01	<0.001	<0.001	<0.001	<0.001	<0.001
	10/29/01	<0.001	<0.001	<0.001	<0.001	<0.001
	03/29/02	<0.001	<0.001	<0.001	<0.001	<0.001
	05/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/10/02	0.008	0.006	0.003	0.017	0.007
	11/14/02	0.009	0.009	0.005	0.029	0.012
	12/03/03	<0.001	<0.001	<0.001	<0.002	<0.001
	03/03/04	0.00146	<0.001	<0.001	0.00369	<0.001
	12/14/04	<0.001	<0.001	<0.001	<0.001	
	03/08/05	Not Sampled on Current Sample Schedule				

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

**PLAINS MARKETING, L.P.
LF - 59
LEA COUNTY, NEW MEXICO**

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p-XYLENES	o-XYLENE
NMOCB Regulatory Limit		0.01	0.75	0.75	0.62	
MW - 7	06/07/05	<0.001	<0.001	<0.001	<0.001	
	09/07/05	Not Sampled on Current Sample Schedule				
	12/02/05	<0.001	<0.001	<0.001	<0.001	
	03/08/06	Not Sampled on Current Sample Schedule				
	06/07/06	<0.005	<0.005	<0.005	<0.005	
	09/12/06	Not Sampled on Current Sample Schedule				
	11/22/06	<0.001	<0.001	<0.001	<0.001	
	02/21/07	Not Sampled on Current Sample Schedule				
	05/16/07	<0.001	<0.001	<0.001	<0.001	
	08/10/07	Not Sampled on Current Sample Schedule				
	12/28/07	<0.001	<0.001	<0.001	<0.001	
MW-8	10/10/05	<0.001	<0.001	<0.001	<0.001	
	12/02/05	<0.001	<0.001	<0.001	<0.001	
	03/08/06	<0.001	<0.001	<0.001	<0.001	
	06/07/06	<0.005	<0.005	<0.005	<0.005	
	09/12/06	<0.001	<0.001	<0.001	<0.001	
	11/22/06	<0.001	<0.001	<0.001	<0.001	
	02/21/07	<0.001	<0.001	<0.001	<0.001	
	05/16/07	<0.001	<0.001	<0.001	<0.001	
	08/10/07	<0.001	<0.001	<0.001	<0.001	
	12/28/07	<0.001	<0.001	<0.001	<0.001	
EB - 1	12/04/00	<0.001	<0.001	<0.001	<0.001	<0.001
	01/23/01	<0.001	<0.001	<0.001	<0.001	<0.001
	05/16/01	<0.001	0.002	<0.001	<0.001	
	08/06/01	<0.001	<0.001	<0.001	<0.001	<0.001
	10/29/01	<0.001	<0.001	<0.001	<0.001	<0.001
	03/29/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/10/02	<0.001	<0.001	<0.001	<0.001	<0.001

Note: m,p and o xylenes combined when analyzed by Trace Laboratories, Inc. only.

EB-1 refers to equipment blank collected on the sampling date.