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## Annual GW Mon. REPORTS

DATE: 2007 2007 ANNUAL MONITORING REPORT

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#### **34 JUNCTION SOUTH STATION**

LEA COUNTY, NEW MEXICO NW ¼ SW ¼ SECTION 2, TOWNSHIP 17 SOUTH, RANGE 36 EAST PLAINS SRS NUMBER: 2005-00138 NMOCD Reference 1R-0456

PREPARED FOR:

#### PLAINS MARKETING, L.P.

333 Clay Street, Suite 1600 Houston, Texas 77002

PREPARED BY:

NOVA Safety and Environmental 2057 Commerce Street Midland, Texas 79703

March 2008

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Ronald K. Rounsaville Project Manager

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

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March 28, 2008

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Mr. Edward Hansen New Mexico Oil Conservation Division Environmental Bureau 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: Plains All American – Annual Monitoring Reports 25 Sites in Lea County, New Mexico

Dear Mr. Hansen:

Plains All American is an operator of crude oil pipelines and terminal facilities in the state of New Mexico. Plains All American actively monitors certain historical release sites exhibiting groundwater impacts, consistent with assessments and work plans developed in consultation with the New Mexico Oil Conservation Division (NMOCD). In accordance with the rules and regulations of the NMOCD, Plains All American hereby submits our Annual Monitoring reports for the following sites:

TNM 97-17 TNM 97-18 TNM 98-05A TNM 98-05B TNM 97-04 Texaco Skelly "F" Darr Angell #2 LF-59 **SPS-11** Monument #10 Monument #17 Monument #18 Lea Station to Monument 6" 34 Junction South Station Bob Durham Darr Angell #1 Darr Angell #4 HDO 90-23 Junction 34 to Lea Monument #2 Monument Barber 10" Sour Monument #11 Red Byrd #1 South Monument Gathering **Denton Station** 

Section 21, Township 20 South, Range 37 East, Lea County Section 28, Township 20 South, Range 37 East, Lea County Section 26, Township 21 South, Range 37 East, Lea County Section 26, Township 21 South, Range 37 East, Lea County Section 11, Township 16 South, Range 35 East, Lea County Section 21, Township 20 South, Range 37 East, Lea County Section 14, Township 15 South, Range 37 East, Lea County Section 32, Township 19 South, Range 37 East, Lea County Section 18, Township 18 South, Range 36 East, Lea County Section 32, Township 19 South, Range 37 East, Lea County Section 29, Township 19 South, Range 37 East, Lea County Section 7, Township 20 South, Range 37 East, Lea County Section 5, Township 20 South, Range 37 East, Lea County Section 2, Township 17 South, Range 36 East, Lea County Section 32, Township 19 South, Range 37 East, Lea County Section 11, Township 15 South, Range 37 East, Lea County Sections 2 and 11, Township 15 South, Range 37 East, Lea County Section 6, Township 20 South, Range 37 East, Lea County Section 21, Township 20 South, Range 37 East, Lea County Section 6, Township 20 South, Range 37 East, Lea County Section 32, Township 19 South, Range 37 East, Lea County Section 30, Township 19 South, Range 37 East, Lea County Section 1, Township 20 South, Range 36 East, Lea County Section 5, Township 20 South, Range 37 East, Lea County Section 14, Township 15 South, Range 37 East, Lea County

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order to verify the accuracy and completeness of these documents. It is based upon these inquiries and reviews that Plains All American submits the enclosed Annual Monitoring Reports for the above facilities.

If you have any questions or require further information, please contact me at (505) 441-0965.

Sincerely,

KEIMOLDS amilei

Camille Reynolds Remediation Coordinator Plains All American

CC: Larry Johnson, NMOCD, Hobbs, NM

Enclosures

3112 West Highway 82 • Lovington, NM 88260 • (505) 396-3341

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#### ENCLOSED ON DATA DISK

2007 Annual Monitoring Report 2007 Tables 1, 2, 3 and 4 2007 Figures 1, 2A-2D, 3A-3D Boring Log and Monitor Well Details Electronic Copies of Laboratory Reports Historic Groundwater Elevation Data Tables Historic BTEX Concentration Tables

#### **INTRODUCTION**

On behalf of Plains Marketing, L.P. (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. Beginning on or about August 8, 2006, project management responsibilities were assumed by NOVA, having previously been managed by Basin Environmental Service Technologies, LLC, (Basin). This report is intended to be viewed as a complete document with text, figures, tables and appendices. The report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2007 only. However, historic data tables as well as 2007 laboratory analytical reports are provided on the enclosed data disk. A site location map is provided as Figure 1.

Groundwater monitoring was conducted during each quarter of 2007 to assess the levels and extent of dissolved phase constituents and Phase Separated Hydrocarbon (PSH). The groundwater monitoring events consisted of measuring static water levels in the monitor wells, checking for the presence of PSH and purging and sampling of each well exhibiting sufficient recharge. Monitor wells containing a thickness of PSH greater than 0.01 foot were not sampled.

#### SITE DESCRIPTION AND BACKGROUND INFORMATION

The legal description of the site is NW<sup>1</sup>/4, SW<sup>1</sup>/4, Section 2, Township 17 South, Range 36 East. The site is located on property owned by the State of New Mexico. The site latitude is 32° 51 42.4" North and the site longitude is 103° 19 54.4" West. Please reference Figure 1 for a Site Location Map. On June 10, 2005, Basin responded to a pipeline release on behalf of Plains. The release occurred as a result of the mechanical malfunction of an air eliminator check valve at an operational secondary metering station. Emergency response activities included the repair of the affected check valve and excavation of the hydrocarbon impacted soil. Approximately 15 barrels of crude oil were released from the pipeline and 0.5 barrels were recovered, resulting in a net loss of 14.5 barrels. The visibly stained surface area covers an area approximately 20 feet long by 20 feet wide. Excavation activities during the initial response activities covered an area within the fenced station approximately 20 feet long by 20 feet wide and one to four feet below ground surface (bgs). Approximately 100 cubic yards (cy) of excavated soil was placed on a polyethylene liner for future remedial activities. Please reference Appendix B for The Release Notification and Corrective Action (Form C-141).

Currently, there are twelve (12) monitor wells and one (1) recovery well (RW-1) on site. An automated PSH recovery system, consisting of pneumatic skimmer pumps installed in monitor wells MW-3 and MW-9 and recovery well RW-1 was operational during the reporting period of 2007. Recovered PSH in temporarily stored in a poly tank and periodically re-injected into the Plains Pipeline transportation system located at the 34 Junction Metering Station.

A *Stage 1 and Stage 2 Abatement Plan* was submitted to the NMOCD in October 2006. The NMOCD has accepted the Abatement Plan as administratively complete and public notice is pending.

#### **RECENT FIELD ACTIVITIES**

A measurable thickness of PSH was detected in monitor wells MW-3, MW-4 (3<sup>rd</sup> and 4<sup>th</sup> quarters), MW-8 (1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> quarters), MW-9, and MW-10 (2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters) and in recovery well RW-1 during the 2007 reporting period. The average thickness of PSH in monitor and recovery wells containing PSH during 2007 was 3.49 feet, with a maximum thickness of 8.39 feet occurring in monitor well MW-9 on July 6, 2007. Approximately 274 gallons (approximately 7 barrels) of PSH was recovered from the site during the 2007 reporting period. Approximately 2,348 gallons (approximately 59 barrels) of PSH have been recovered since the project inception. Measurable thicknesses of PSH are recorded in Table 1 and Figures 3A through 3D.

Quarterly monitoring events for the reporting period were performed according to the following sampling schedule.

NMOCD APPROVED SAMPLING SCHEDULE									
Location	Schedule	Location	Schedule	Location	Schedule				
MW-1	Quarterly	MW-6	Quarterly	MW-11	Quarterly				
MW-2	Quarterly	MW-7	Quarterly	MW-12	Quarterly				
MW-3	Quarterly	MW-8	Quarterly						
MW-4	Quarterly	MW-9	Quarterly	RW-1	Quarterly				
MW-5	Quarterly	MW-10	Quarterly						

The site monitor wells were gauged and sampled on March 19, May 31, August 29, and November 12, 2007. During each sampling event, sampled monitor wells were purged of approximately three well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos pump. Groundwater was allowed to recharge and samples were obtained using disposable Teflon samplers. Water samples were collected in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of at a licensed disposal facility.

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during the four (4) quarterly monitoring events, are depicted on Figures 2A through 2D, the Inferred Groundwater Gradient Maps. Groundwater elevation data for 2007 is provided as Table 1. Historic groundwater elevation data beginning at project inception is provided on the enclosed data disk.

The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.009 feet/foot to the east-northeast as measured between monitor well MW-8 and MW-5. This is consistent with data presented from earlier in the year. The corrected groundwater elevation has ranged between 3,789.46 and 3,792.58 feet above mean sea level, in monitor wells MW-12 on November 12, 2007 and MW-8 on November 21, 2007, respectively.

#### LABORATORY RESULTS

Monitor wells MW-3, MW-9 and recovery well RW-1 contained PSH during all four quarters of the reporting period and were not sampled during the reporting period of 2007. Monitor well MW-4 contained PSH during the 3<sup>rd</sup> and 4<sup>th</sup> quarters of 2007 and was not sampled. Monitor well

MW-8 contained PSH during the  $1^{st}$ ,  $2^{nd}$  and  $3^{rd}$  quarters of 2007 and was not sampled. Monitor well MW-10 contained PSH during the  $2^{nd}$ ,  $3^{rd}$  and  $4^{th}$  quarters of the reporting period and was not sampled.

All groundwater samples collected during the reporting period were delivered to TraceAnalysis, Inc. in Lubbock, Texas for Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) analysis using EPA Method SW 846-8021b. Analytical results of BTEX constituent concentrations for 2007 are summarized on Table 2. Historical BTEX constituent concentrations and copies of the laboratory reports for 2007 are provided on the enclosed data disk. The quarterly groundwater analytical results are depicted on the Groundwater Concentration and Inferred PSH Extent Maps, Figures 3A-3D.

**Monitor well MW-1** is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below laboratory method detection limits (MDL) and the NMOCD regulatory standards of 0.01 mg/L for benzene, 0.75 mg/L for toluene, 0.75 mg/L for ethylbenzene and 0.62 mg/L for xylene during all four quarters of the reporting period.

**Monitor well MW-2** is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below MDL and the NMOCD regulatory standards during all four quarters of the reporting period.

**Monitor well MW-3** is monitored on a quarterly schedule. Monitor well MW-3 was not sampled during the four quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 6.66 feet, 0.75 feet, 1.15 feet and 4.41 feet were reported during the four quarters of 2007, respectively.

**Monitor well MW-4** is monitored / sampled on a quarterly schedule. Monitor well MW-4 was not sampled during the  $3^{rd}$  and  $4^{th}$  quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 0.98 feet and 0.07 feet were reported during the  $3^{rd}$  and  $4^{th}$  quarters of 2007, respectively. Analytical results from groundwater samples collected during the  $1^{st}$  and  $2^{nd}$  quarters indicate benzene concentrations ranged from 2.49 mg/L during the  $1^{st}$  quarter to 6.27 mg/L during the  $2^{nd}$  quarter of 2007. Benzene concentrations were above NMOCD regulatory standards during the first two quarters of the reporting period. Toluene concentrations ranged from 1.86 mg/L during the  $1^{st}$  quarter to 3.8 mg/L during the  $2^{nd}$  quarter of 2007. Toluene concentrations were above NMOCD regulatory standards during the  $1^{st}$  quarter to 2.82 mg/L during the  $1^{st}$  quarter to 0.302 mg/L during the  $2^{nd}$  quarter of 2007. Ethylbenzene concentrations were below NMOCD regulatory standards during the  $1^{st}$  quarter of 2007. Ethylbenzene concentrations were below NMOCD regulatory standards during the  $1^{st}$  quarter of 2007. Ethylbenzene concentrations were below NMOCD regulatory standards during the  $1^{st}$  quarter of 2007. Ethylbenzene concentrations were below NMOCD regulatory standards during the first two quarters of the reporting period. Xylene concentrations ranged from 0.95 mg/L during the  $1^{st}$  quarter to 0.981 mg/L during the  $2^{nd}$  quarter of 2007. Xylene concentrations were above NMOCD regulatory standards during the first two quarters of the reporting period. Sylene concentrations were above NMOCD regulatory standards during the first two quarters of the reporting period. Xylene concentrations ranged from 0.95 mg/L during the  $1^{st}$  quarter to 0.981 mg/L during the  $1^{st}$  quarter of 2007. Xylene concentrations were above NMOCD regulatory standards during the first two quarters of the reporting period.

**Monitor well MW-5** is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.163 mg/L during the 1<sup>st</sup> quarter to 6.1 mg/L during the 4<sup>th</sup> quarter of 2007. Benzene concentrations were above NMOCD regulatory standards during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0359 mg/L during the 1<sup>st</sup> quarter to 0.451 mg/L during the 4<sup>th</sup>

quarter of 2007. Ethylbenzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.2 mg/L during the 4<sup>th</sup> quarter to 0.635 mg/L during the 3<sup>rd</sup> quarter of 2007. Xylene concentrations were below NMOCD regulatory standards, with the exception of the 3<sup>rd</sup> quarter of the reporting period.

**Monitor well MW-6** is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below MDL and the NMOCD regulatory standards during all four quarters of the reporting period.

**Monitor well MW-7** is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below MDL and the NMOCD regulatory standards during all four quarters of the reporting period.

**Monitor well MW-8** is monitored / sampled on a quarterly schedule. Monitor well MW-8 was not sampled during the  $1^{st}$ ,  $2^{nd}$  and  $3^{rd}$  quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 0.37 feet, 0.75 feet and 0.28 feet were reported during the  $1^{st}$ ,  $2^{nd}$  and  $3^{rd}$  quarters of 2007, respectively. Analytical results from groundwater samples collected during the  $4^{th}$  quarter indicate benzene concentrations were above the NMOCD regulatory standard with a concentration of 1.24 mg/L. Toluene concentrations were above NMOCD regulatory standards during the  $4^{th}$  quarter with a concentration of 0.769 mg/L. Ethylbenzene concentrations were below NMOCD regulatory standards during the  $4^{th}$  quarter with a concentration of 0.266 mg/L. Xylene concentrations were above NMOCD regulatory for 0.266 mg/L. Xylene concentrations were above NMOCD regulatory for 0.737 mg/L.

**Monitor well MW-9** is monitored on a quarterly schedule. Monitor well MW-9 was not sampled during the four quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 5.82 feet, 7.71 feet, 8.05 feet and 7.74 feet were reported during the four quarters of 2007, respectively.

**Monitor well MW-10** is monitored / sampled on a quarterly schedule. Monitor well MW-10 was not sampled during the  $2^{nd}$ ,  $3^{rd}$  and  $4^{th}$  quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 0.49 feet, 1.22 feet and 3.29 feet were reported during the  $2^{nd}$ ,  $3^{rd}$  and  $4^{th}$  quarters of 2007, respectively. Analytical results from groundwater samples collected during the  $1^{st}$  quarter indicate benzene concentrations were above the NMOCD regulatory standard with a concentration of 5.3 mg/L. Toluene concentrations were above NMOCD regulatory standards during the  $4^{th}$  quarter with a concentration of 1.98 mg/L. Ethylbenzene concentrations were below NMOCD regulatory standards during the  $4^{th}$  quarter with a concentration of 0.401 mg/L. Xylene concentrations were above NMOCD regulatory standards during the  $4^{th}$  quarter with a concentration of 1.27 mg/L.

**Monitor well MW-11** is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below MDL and the NMOCD regulatory standards during all four quarters of the reporting period.

**Monitor well MW-12** is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below MDL and the NMOCD regulatory standards during all four quarters of the reporting period.

**Recovery well RW-1** is monitored on a quarterly schedule. Recovery well RW-1 was not sampled during the four quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 6.82 feet, 7.34 feet, 6.95 feet and 7.14 feet were reported during the four quarters of 2007, respectively.

Laboratory analytical results were compared to NMOCD regulatory limits based on the New Mexico groundwater standards found in section 20.6.2.3103 of the New Mexico Administrative Code.

#### SUMMARY

This report presents the results of monitoring activities for the 2007 annual monitoring period. Twelve (12) groundwater monitor wells (MW-1 through MW-12) and one (1) PSH recovery wells (RW-1) are currently on-site. An automated recovery system was operational during the 2007 reporting period. The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of 0.009 feet/foot to the east-northeast.

Six monitor and recovery wells (MW-3, MW-4, MW-8, MW-9, MW-10 and RW-1) contained measurable thicknesses of PSH during the reporting period. The average thickness of PSH in monitor and recovery wells exhibiting PSH during 2007 was 3.49 feet. Approximately 274 gallons (approximately 7 barrels) of PSH was recovered from the site during the 2007 reporting period. Approximately 2,348 gallons (approximately 59 barrels) of PSH have been recovered since the project inception

Review of laboratory analytical results of the groundwater samples obtained during the 2007 monitoring period indicates the BTEX constituent concentrations are below applicable NMOCD standards in six of the thirteen monitor and recovery wells currently on-site. The remaining seven monitor and recovery wells contained measurable thicknesses of PSH and were not sampled or exhibited analytical results above the NMOCD regulatory standard during at least one quarterly monitoring event of 2007. Review of the analytical results indicates the horizontal extent of groundwater impact appears to be delineated at this time.

#### **ANTICIPATED ACTIONS**

Groundwater monitoring and groundwater sampling will continue in 2008. The onsite automated recovery system will continue to operate and may be modified, as conditions require. An Annual Monitoring Report will be submitted to the NMOCD before April 1, 2009.

A *Stage 1 and Stage 2 Abatement Plan* was submitted to the NMOCD in October 2006. The NMOCD has accepted the Abatement Plan as administratively complete and public notice is pending.

#### LIMITATIONS

NOVA has prepared this Annual Monitoring Report 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.

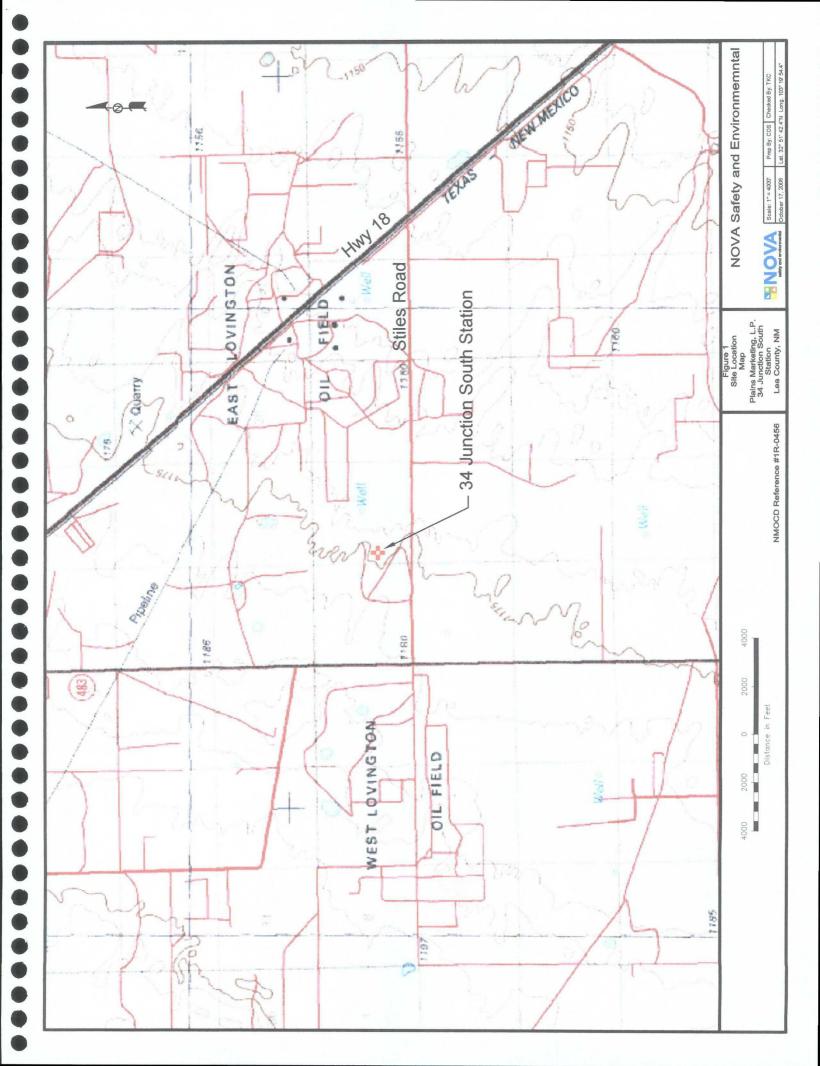
This report has been prepared for the benefit of Plains. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of NOVA and/or Plains.

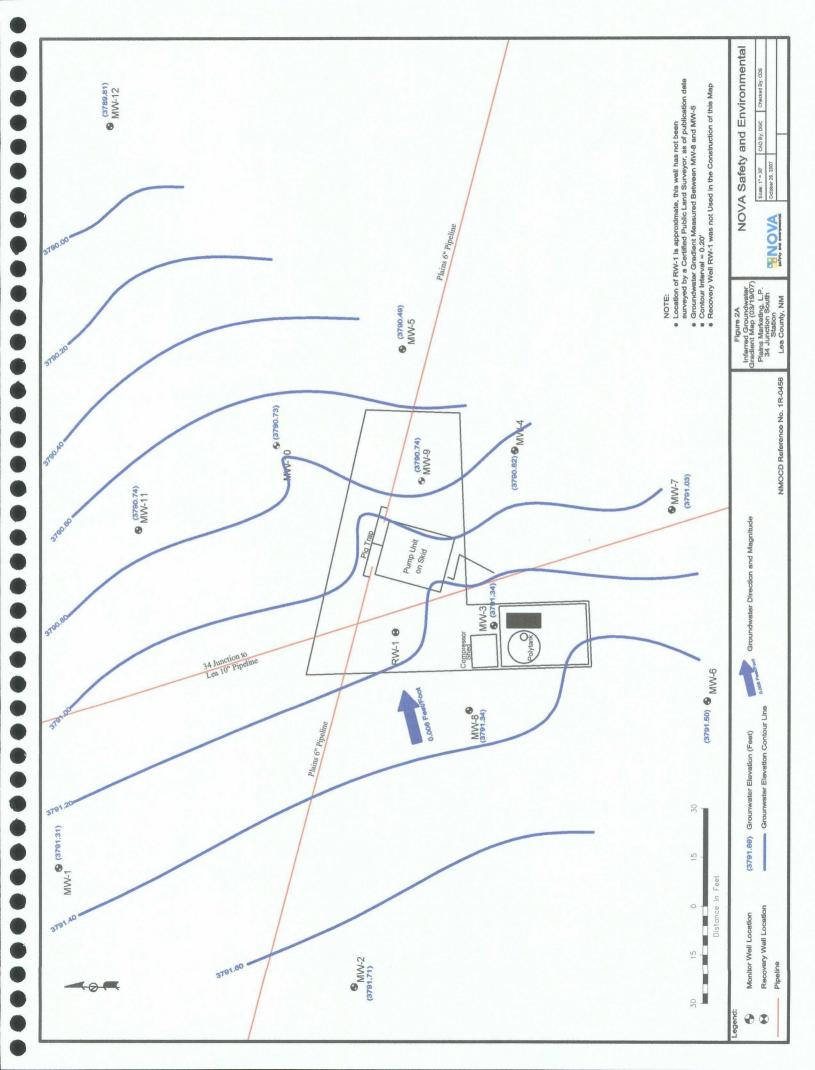
#### DISTRIBUTION

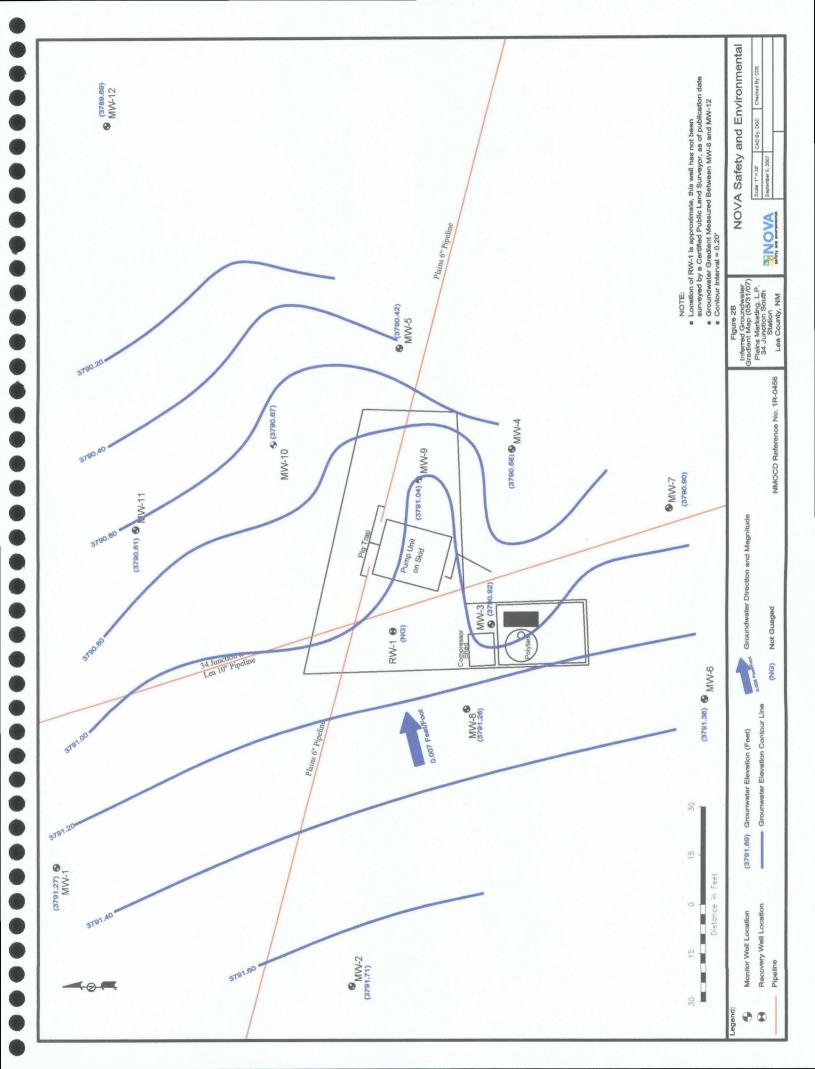
Copy 1	Ed Hansen New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division 1220 South St. Francis Drive Santa Fe, NM 87505
Copy 2:	Larry Johnson New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division, District 1 1625 French Drive Hobbs, NM 88240
Copy 3:	Thaddeus Kostrubala New Mexico State Land Office P.O. Box 1148 Santa Fe, NM 87504
Copy 4:	Camille Reynolds Plains Marketing, L.P. 3112 Highway 82 Lovington, NM cjreynolds@paalp.com
Copy 5:	Jeff Dann Plains Marketing, L.P. 333 Clay Street Suite 1600 Houston, TX 77002 jpdann@paalp.com
Сору 6:	NOVA Safety and Environmental 2057 Commerce Street Midland, TX 79703 rrounsaville@novatraining.cc
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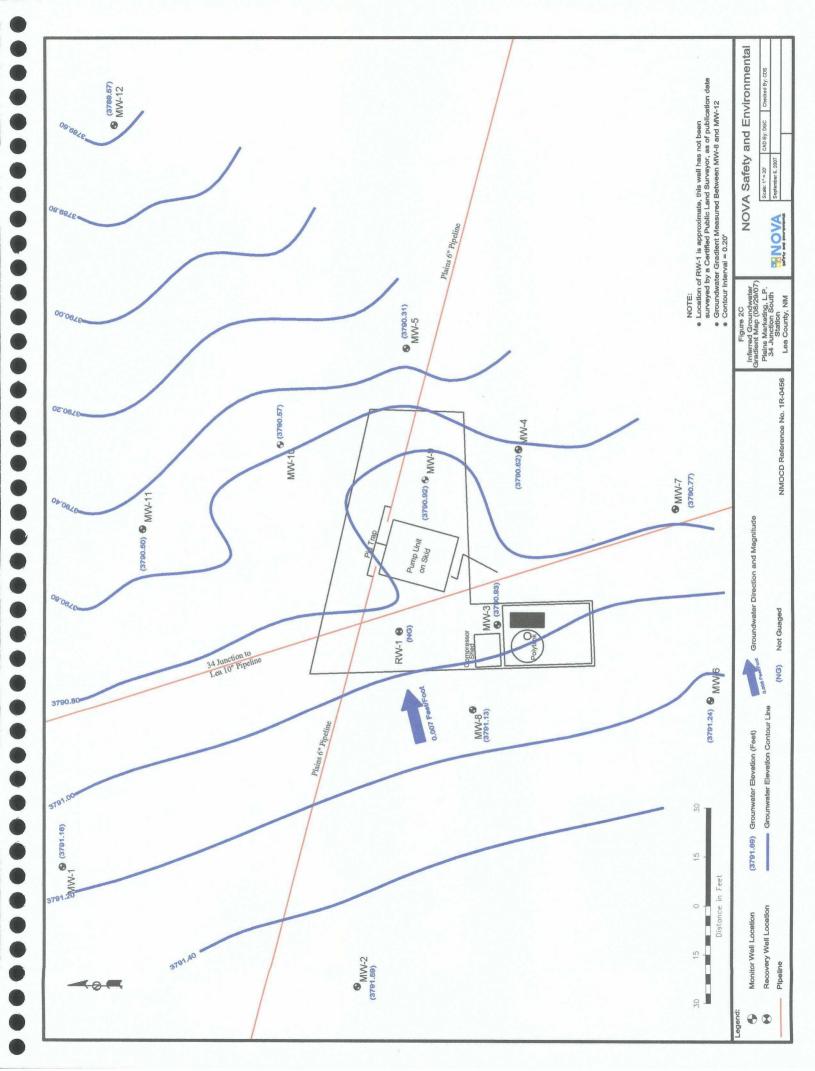
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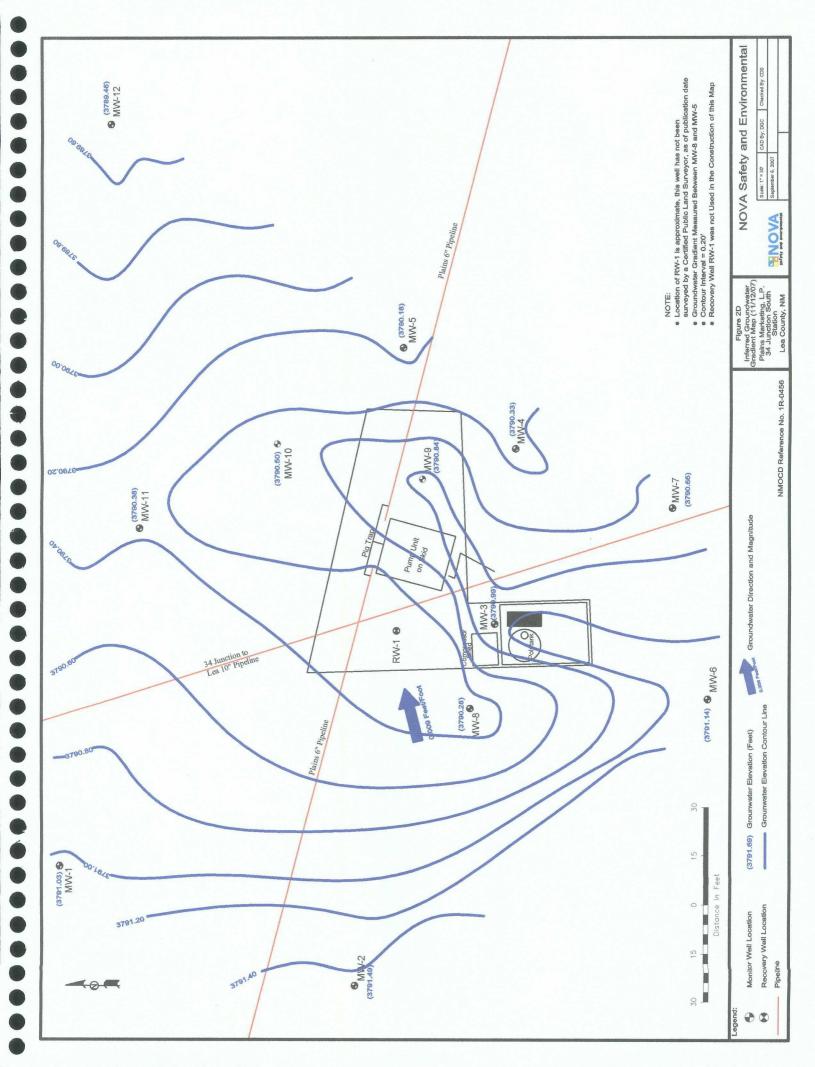
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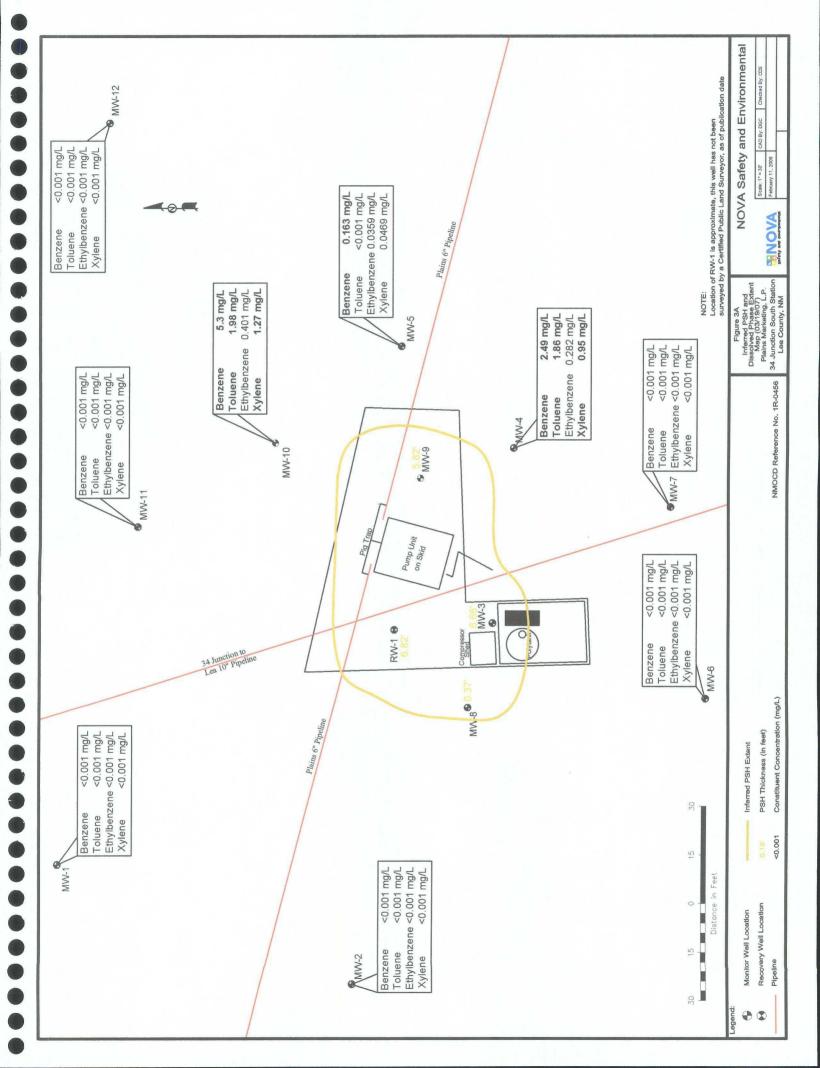


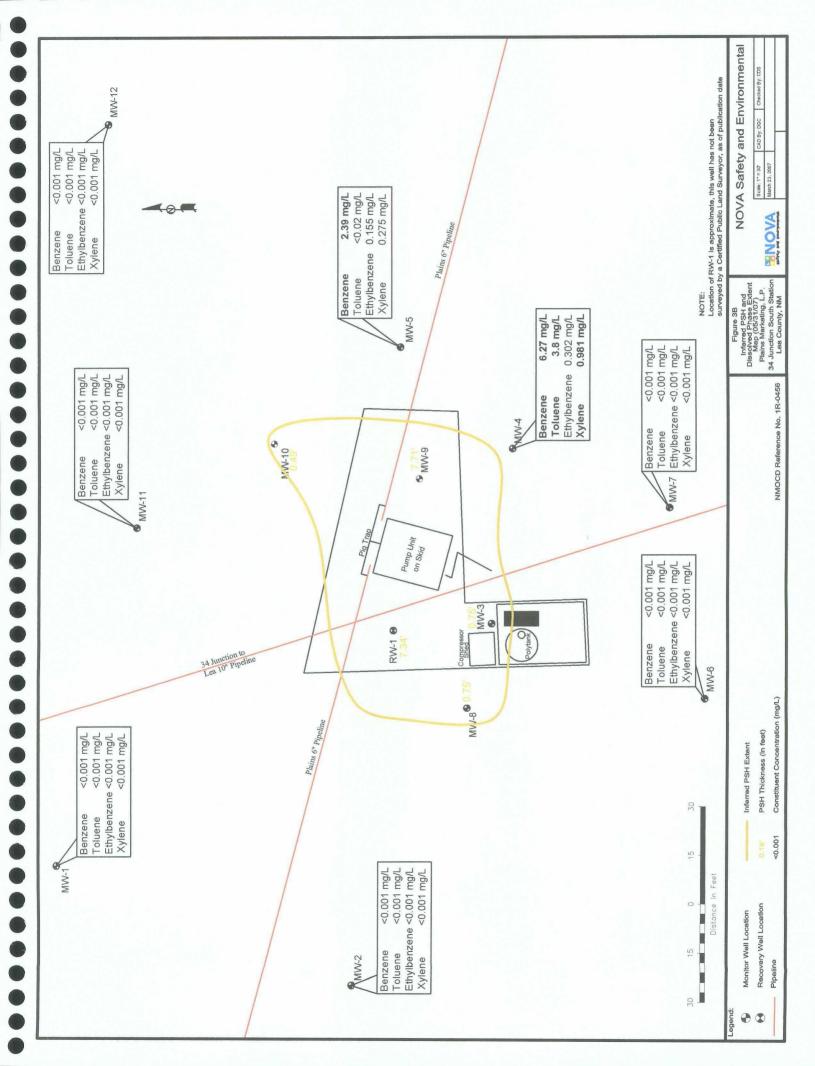


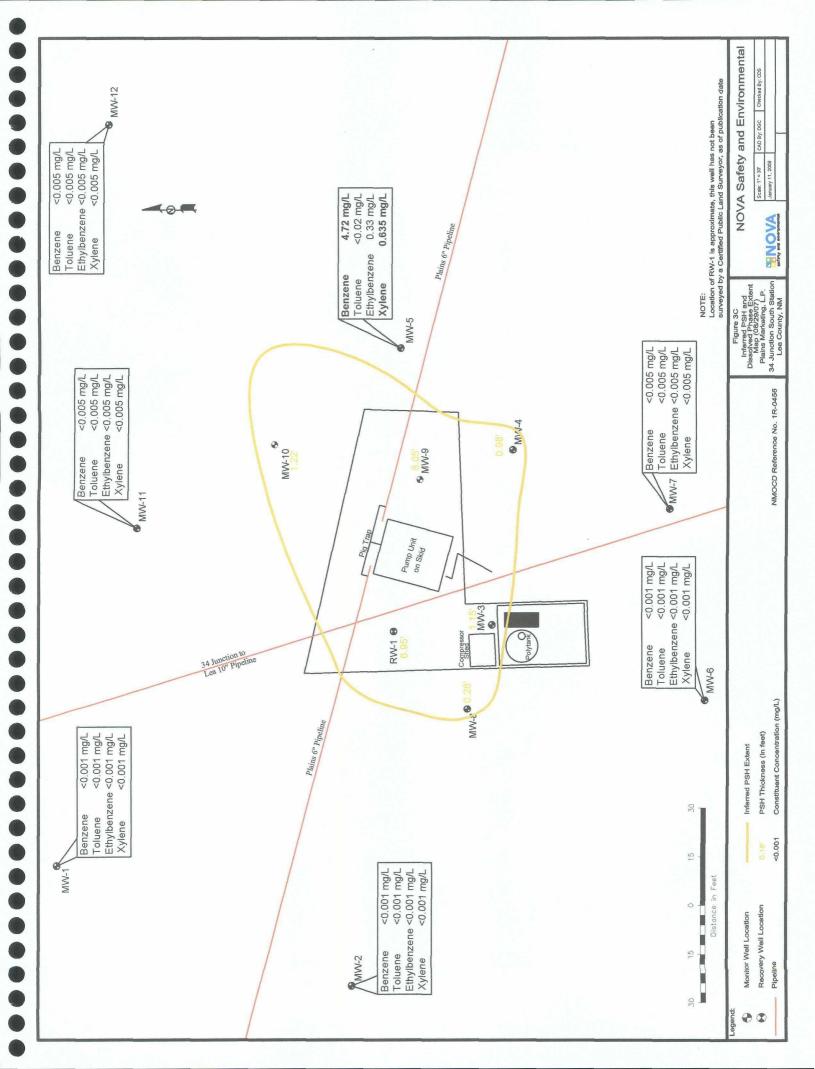


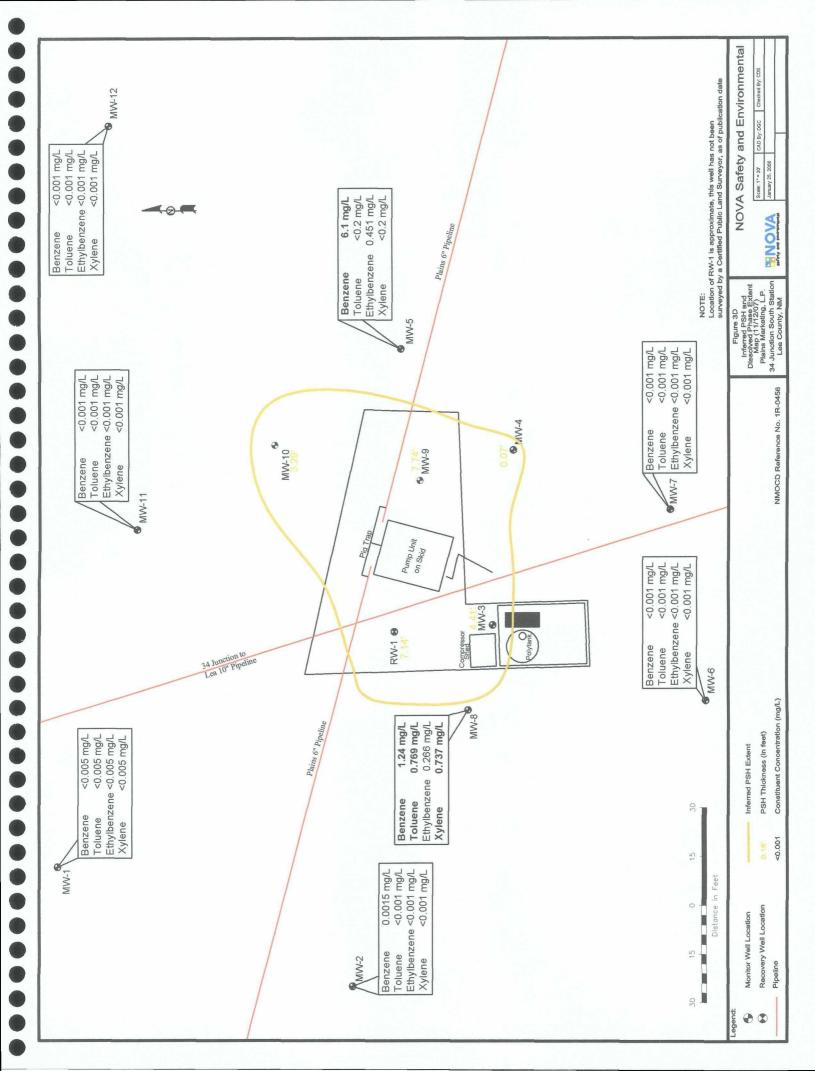












### Tables

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#### 2007 GROUNDWATER ELEVATION DATA

#### PLAINS MARKETING, L.P. 34 JUNCTION SOUTH STATION LEA COUNTY, NEW MEXICO PLAINS EMS NO. 2005-00138 NMOCD REFERENCE NUMBER 1R-0456

WELL NUMBER			DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	03/19/07	3,850.68	-	59.37	0.00	3,791.31
	05/31/07	3,850.68	-	59.41	0.00	3,791.27
	08/29/07	3,850.68		59.52	0.00	3,791.16
	11/12/07	3,850.68	-	59.65	0.00	3,791.03
			and the second second			
MW-2	03/19/07	3,850.67	-	58.88	0.00	3,791.79
	05/31/07	3,850.67	-	58.96	0.00	3,791.71
	08/29/07	3,850.67	-	59.08	0.00	3,791.59
	11/12/07	3,850.67	-	59.18	0.00	3,791.49
		A REAL PROPERTY	Addition of the second s			
MW-3	01/05/07	3,850.43	59.05	59.63	0.58	3,791.29
	01/10/07	3,850.43	59.05	59.54	0.49	3,791.31
	01/12/07	3,850.43	59.71	66.23	6.52	3,789.74
	01/16/07	3,850.43	57.93	64.60	6.67	3,791.50
	01/25/07	3,850.43	57.94	64.75	6.81	3,791.47
	01/26/07	3,850.43	59.33	63.53	4.20	3,790.47
	01/29/07	3,850.43	57.91	64.63	6.72	3,791.51
	02/01/07	3,850.43	57.96	64.63	6.67	3,791,47
	02/06/07	3,850.43	58.17	63.63	5.46	3,791.44
	02/09/07	3,850.43	57.99	64.58	6.59	3,791.45
	02/13/07	3,850.43	57.95	64.64	6.69	3,791.49
	02/16/07	3,850.43	58.35	62.77	4.42	3,791.48
	02/20/07	·	58.33	64.59	6.48	
		3,850.43		<u> </u>		3,791.35
	02/21/07	3,850.43	57.98	64.64	6.66	3,791.45
	02/22/07	3,850.43	57.96	64.66	6.70	3,791.47
	02/28/07	3,850.43	59.27	59.58	0.31	3,791.11
	03/02/07	3,850.43	59.15	59.79	0.64	3,791.18
	03/06/07	3,850.43	58.16	64.35	6.19	3,791.34
	03/14/07	3,850.43	58.06	65.66	7.60	3,791.23
	03/19/07	3,850.43	58.09	64.75	6.66	3,791.34
	03/19/07	3,850.43	58.09	64.74	6.65	3,791.34
	04/02/07	3,850.43	58.12	64.81	6.69	3,791.31
	04/09/07	3,850.43	59.30	59.41	0.11	3,791.11
	04/12/07	3,850.43	59.19	60.28	1.09	3,791.08
	04/16/07	3,850.43	59.92	61.02	1.10	3,790.35
	04/24/07	3,850.43	59.16	60.49	1.33	3,791.07
	04/26/07	3,850.43	59.01	60.51	1.50	3,791.20
	04/30/07	3,850.43	59.41	63.04	3.63	3,790.48
	05/04/07	3,850.43	59.68	59.74	0.06	3,790.74
	05/16/07	3,850.43	58.82	60.09	1.27	3,791.42
	05/18/07	3,850.43	59.16	60.24	1.08	3,791.11
	05/21/07	3,850.43	59.25	60.33	1.08	3,791.02
	05/29/07	3,850.43	59.40	60.15	0.75	3,790.92
	05/31/07	3,850.43	59.40	60.15	0.75	3,790.92
	06/05/07	3,850.43	59.36	60.29	0.93	3,790.93
	06/07/07	3,850.43	59.47	59.90	0.43	3,790.90
	06/11/07	3,850.43	59.42	60.07	0.65	3,790.91
	06/13/07	3,850.43	59.36	60.12	0.76	3,790.96
	06/18/07	3,850.43	59.29	60.14	0.85	3,791.01
	06/21/07	3,850.43	59.41	60.02	0.61	3,790.93
	07/02/07	3,850.43	59.40	60.14	0.74	3,790.92
	07/06/07	3,850.43	59.12	60.05	0.93	3,791.17
	07/13/07	3,850.43	59.34	60.35	1.01	3,790.94
	07/17/07	3,850.43	59.40	60.09	0.69	3,790.94

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#### 2007 GROUNDWATER ELEVATION DATA

#### PLAINS MARKETING, L.P. 34 JUNCTION SOUTH STATION LEA COUNTY, NEW MEXICO PLAINS EMS NO. 2005-00138 NMOCD REFERENCE NUMBER 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-3	07/25/07	3,850.43	59.29	60.41	1.12	3,790.97
	08/09/07	3,850.43	59.22	63.34	4.12	3,790.59
	08/13/07	3,850.43	58.27	62.13	3.86	3,791.58
	08/15/07	3,850.43	59.33	60.56	1.23	3,790.92
	08/24/07	3,850.43	58.32	61.50	3.18	3,791.63
	08/29/07	3,850.43	59.33	60.48	1.15	3,790.93
	09/17/07	3.850.43	59.39	60.71	1.32	3,790.84
	09/25/07	3,850.43	59.42	60.69	1,27	3,790.82
	09/27/07	3,850.43	59.64	59.88	0.24	3,790.75
	10/03/07	3,850.43	59.47	60.36	0.89	3,790.83
	10/10/07	3,850.43	59.01	60.24	1.23	3,791.24
	10/16/07	3,850.43	58.48	60.14	1.66	3,791.70
	11/12/07	3,850.43	58.78	63.19	4.41	3,790.99
	11/28/07	3,850.43	58.79	62.28	3.49	3,791.12
	12/13/07	3.850.43	58.58	65.14	6.56	3.790.87
2020		Sector Provide Studies Studies	all shake	inducións <b>e se se</b>		Stelling of the second second
MW - 4	03/19/07	3,850.26	LA VIENN DEL	59.44	0.00	3,790.82
<u> </u>	05/31/07	3,850.26		59.58	0.00	3,790.68
	08/29/07	3,850.26	59.49	60.47	0.98	3,790.62
	09/17/07	3,850.26	59.49	60.69	1.20	3,790.59
	09/19/07	3,850.26	59.63	60.05	0.42	3,790.57
	09/25/07	3,850.26	59.64	60.09	0.45	3,790.55
	09/27/07	3,850.26	59.68	60.00	0.32	3,790.53
	10/03/07	3,850.26	59.82	59.86	0.04	3,790.43
	10/10/07	3,850.26	sheen	59.92	0.00	3,790.34
	10/12/07	3,850.26	sheen	59.86	0.00	3,790.40
	10/16/07	3,850.26	sheen	59.88	0.00	3,790.38
	10/23/07	3,850.26	sheen	59.84	0.00	3,790.42
	10/26/07	3,850.26	sheen	59.91	0.00	3,790.35
	10/29/07	3,850.26	sheen	59.84	0.00	3,790.42
	11/12/07	3,850.26	59.92	59.99	0.07	3,790.33
	11/14/07	3,850.26	59.90	60.00	0.10	3,790.35
	11/16/07	3,850.26	sheen	59.96	0.00	3,790.30
	11/21/07	3,850.26	59.99	60.06	0.07	3,790.26
	11/28/07	3,850.26	59.90	59.93	0.03	3,790.36
	11/30/07	3,850.26	sheen	59.95	0.00	3,790.31
	12/13/07	3,850.26	59.92	59.99	0.07	3,790.33
的问题			O voldat here the second			
MW-5	03/19/07	3,849.77	-	59.28	0.00	3,790.49
	05/31/07	3,849.77	-	59.35	0.00	3,790.42
	08/29/07	3,849.77	-	59.46	0.00	3,790.31
	11/12/07	3,849.77	-	59.59	0.00	3,790.18
ha an that a start of the	Transa and	inter and	Spaces and the second			A CANADA AND AND AND AND AND AND AND AND AN
MW-6	03/19/07	3,851.10	-	59.60	0.00	3,791.50
	05/31/07	3,851.10	-	59.74	0.00	3,791.36
	08/29/07	3,851.10	_	59.86	0.00	3,791.24
	11/12/07	3,851.10	-	59.96	0.00	3,791.14
		ANNA		思想的问题		al and the
<u>MW-7</u>	03/19/07	3,847.03	-	56.00	0.00	3,791.03
	05/31/07	3,847.03		56.13	0.00	3,790.90
	08/29/07	3,847.03	-	56.26	0.00	3,790.77
Т	11/12/07	3,847.03	-	56.37	0.00	3,790.66

#### 2007 GROUNDWATER ELEVATION DATA

#### PLAINS MARKETING, L.P. 34 JUNCTION SOUTH STATION LEA COUNTY, NEW MEXICO PLAINS EMS NO. 2005-00138 NMOCD REFERENCE NUMBER 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-8	01/10/07	3,851.00	59.20	59.56	0.36	3,791.75
	01/12/07	3,851.00	59.76	60.02	0.26	3,791.20
	01/16/07	3,851.00	59.74	60.08	0.34	3,791.21
	01/25/07	3,851.00	59.52	60.01	0.49	3,791.41
	01/26/07	3,851.00	sheen	59.71	0.00	3,791.29
	01/29/07	3,851.00	sheen	59.72	0.00	3,791.28
	02/01/07	3,851.00	sheen	59.65	0.00	3,791.35
	02/06/07	3,851.00	sheen	59.78	0.00	3,791.22
	02/09/07	3,851.00	sheen	59.76	0.00	3,791.24
	02/13/07	3,851.00	59.62	59.69	0.07	3,791.37
	02/16/07	3,851.00	sheen	59.65	0.00	3,791.35
	02/20/07	3,851.00	59.59	59.76	0.17	3,791.38
	02/28/07	3,851.00	59.60	59.89	0.29	3,791.36
	03/02/07	3,851.00	59.62	59.78	0.16	3,791.36
	03/06/07	3,851.00	59.61	59.85	0.24	3,791.35
	03/14/07	3,851.00	59.62	59.89	0.27	3,791.34
	03/19/07	3,851.00	59.60	59.97	0.37	3,791.34
	03/19/07	3,851.00	59.60	59.97	0.37	3,791.34
	04/02/07	3,851.00	59.62	60.02	0.40	3,791.32
	04/09/07	3,851.00	59.61	60.09	0.48	3,791.32
	04/16/07	3,851.00	59.62	59.99	0.37	3,791.32
	04/24/07	3,851.00	59.61	60.09	0.48	3,791.32
	04/30/07	3,851.00	59.64	60.07	0.43	3,791.30
	05/04/07	3,851.00	59.68	59.92	0.24	3,791.28
	05/11/07	3,851.00	59.65	60.10	0.45	3,791.28
	05/16/07	3,851.00	59.67	60.11	0.44	3,791.26
	05/18/07	3,851.00	59.74	59.90	0.16	3,791.24
	05/31/07	3,851.00	59.63	60.38	0.75	3,791.26
	06/05/07	3,851.00	59.59	60.57	0.98	3,791.26
	06/07/07	3,851.00	59.58	60.65	1.07	3,791.26
	06/11/07	3,851.00	59.72	60.00	0.28	3,791.24
	06/13/07	3,851.00	59.76	59.93	0.17	3,791.21
	06/18/07	3,851.00	59.74	60.05	0.31	3,791.21
	06/21/07	3,851.00	59.75	60.01	0.26	3,791.21
	07/02/07	3,851.00	59.74	60.15	0.41	3,791.20
	07/06/07	3,851.00	59.70	60.29	0.59	3,791.21
	07/13/07	3,851.00	59.67	60.57	0.90	3,791.20
	07/17/07	3,851.00	59.78	60.06	0.28	3,791.18
	07/25/07	3,851.00	59.76	60.18	0.42	3,791.18
	07/30/07	3,851.00	59.78	60.11	0.33	3,791.17
	08/06/07	3,851.00	59.77	60.19	0.42	3,791.17
	08/09/07	3,851.00	59.82	60.06	0.24	3,791.14
	08/13/07	3,851.00	59.81	60.12	0.31	3,791.14
	08/15/07	3,851.00	59.83	60.04	0.21	3,791.14
	08/24/07	3,851.00	59.85	60.07	0.22	3,791.12
	08/29/07	3,851.00	59.83	60.11	0.28	3,791.13
	09/17/07	3,851.00	59.81	60.40	0.59	3,791.10
	09/19/07	3,851.00	59.91	60.09	0.18	3,791.06
	09/25/07	3,851.00	59.87	60.19	0.32	3,791.08
	09/27/07	3,851.00	59.92	60.03	0.11	3,791.06
	10/03/07	3,851.00	sheen	60.04	0.00	3,790.96
	10/10/07	3,851.00	sheen	60.29	0.00	3,790.71
	10/12/07	3,851.00	sheen	60.16	0.00	3,790.84
	10/16/07	3,851.00	sheen	60.18	0.00	3,790.82

#### 2007 GROUNDWATER ELEVATION DATA

#### PLAINS MARKETING, L.P. 34 JUNCTION SOUTH STATION LEA COUNTY, NEW MEXICO PLAINS EMS NO. 2005-00138 NMOCD REFERENCE NUMBER 1R-0456

NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-8	10/23/07	3,851.00	sheen	60.20	0.00	3,790.80
	10/26/07	3,851.00	sheen	60.20	0.00	3,790.80
	10/29/07	3,851.00	sheen	60.17	0.00	3,790.83
	11/12/07	3,851.00	sheen	60.72	0.00	3,790.28
	11/14/07	3,851.00	60.58	60.61	0.03	3,790.42
	11/16/07	3,851.00	sheen	60.24	0.00	3,790.76
	11/21/07	3,851.00	sheen	58.42	0.00	3,792.58
	11/28/07	3,851.00	sheen	60.25	0.00	3,790.75
	11/30/07	3,851.00	sheen	60.17	0.00	3,790.83
	12/13/07	3,851.00	sheen	60.32	0.00	3,790.68
		ingen and and an				
MW-9	01/05/07	3,851.04	58.77	65.78	7.01	3,791.22
	01/10/07	3,851.04	58.60	66.11	7.51	3,791.31
	01/12/07	3,851.04	58.67	61.38	2.71	3,791.96
	01/16/07	3.851.04	58.67	66.37	7.70	3,791.22
	01/25/07	3,851.04	58.78	65.93	7.15	3,791.19
	01/26/07	3,851.04	58.07	64.35	6.28	3,792.03
	01/29/07	3,851.04	59.25	63.84	4.59	3.791.10
	02/01/07	3,851.04	59.31	63.64	4.33	3,791.08
	02/09/07	3,851.04	59.20	64.24	5.04	3,791.08
	02/13/07	3,851.04	59.46	64.75	5.29	3,790.79
	02/16/07	3,851.04	59.45	63.18	3.73	3,791.03
	02/20/07	3,851.04	59.05	64.97	5.92	3,791.10
	02/22/07	3,851.04	58.96	65.35	6.39	3.791.12
	02/28/07	3,851.04	59.11	64.77	5.66	3,791.08
	03/02/07	3,851.04	59.68	62.46	2.78	3,790.94
	03/06/07	3,851.04	59.42	65.19	5.77	3,790.75
	03/14/07	3,851.04	59.46	65.19	5.73	3,790.72
	03/19/07	3,851.04	59.43	65.25	5.82	3,790.74
	03/19/07	3,851.04	59.43	65.25	5.82	3,790.74
	04/02/07	3,851.04	59.35	65.69	6.34	3,790.74
	04/09/07	3,851.04	59.22	66.21	6.99	3,790.77
	04/12/07	3,851.04	59.17	66.50	7.33	3,790.77
	04/16/07	3,851.04	59.17	66.58	7.41	3,790.76
	04/24/07	3,851.04	59.24	66.31	7.07	3,790.74
<b>├</b> ───┤	04/26/07	3,851.04	58.82	66.32	7.50	3,791.10
	04/30/07	3,851.04	59.10	67.03	7.93	3,790.75
	05/04/07	3,851.04	58.78	66.68	7.90	3,791.08
├	05/11/07	3,851.04	58.88	66.20	7.32	3,791.06
	05/16/07	3,851.04	58.82	66.60	7.78	3,791.05
†	05/18/07	3,851.04	59.22	64.74	5.52	3,790.99
	05/21/07	3,851.04	59.25	64.65	5.40	3,790.98
	05/29/07	3,851.04	58.84	66.55	7.71	3,791.04
	05/31/07	3,851.04	58.84	66.55	7.71	3,791.04
	06/05/07	3,851.04	58.89	66.29	7.40	3,791.04
	06/07/07	3,851.04	59.91	62.03	2.12	3,790.81
<b>├</b>	06/11/07	3,851.04	60.31	60.32	0.01	3,790.73
<b>├</b> ──┤	06/13/07	3,851.04	59.69	62.94	3.25	3,790.86
	06/18/07	3,851.04	60.29	60.34	0.05	3,790.74
	06/21/07	3,851.04	59.52	63.62	4.10	3,790.91
╞───┤	07/02/07	3,851.04	58.86	66.56	7.70	3,791.03
<del>                                     </del>	07/06/07	3,851.04	58.73	67.12	8.39	3,791.05
	08/13/07	3,851.04	59.81	60.12	0.31	3,791.18
	08/29/07	3,851.04	58.91	66.96	8.05	3,790.92

#### 2007 GROUNDWATER ELEVATION DATA

#### PLAINS MARKETING, L.P. 34 JUNCTION SOUTH STATION LEA COUNTY, NEW MEXICO PLAINS EMS NO. 2005-00138 NMOCD REFERENCE NUMBER 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-9	10/26/07	3,851.04	59.04	66.79	7.75	3,790.84
	11/12/07	3,851.04	59.04	66.78	7.74	3,790.84
	11/21/07	3,851.04	59.11	66.82	7.71	3,790.77
	11/28/07	3,851.04	59.09	66.89	7.80	3,790.78
	11/30/07	3,851.04	59.47	65.38	5.91	3,790.68
	12/13/07	3,851.04	59.07	67.04	7.97	3,790.77
			Second Property of the			
MW-10	03/19/07	3,851.07	-	60.34	0.00	3,790.73
	05/31/07	3,851.07	60.33	60.82	0.49	3,790.67
	06/01/07	3,851.07	60.34	60.83	0.49	3,790.66
	06/05/07	3,851.07	60.41	60.54	0.13	3,790.64
	06/07/07	3,851.07	60.41	60.50	0.09	3,790.65
	06/11/07	3,851.07	60.38	60.51	0.13	3,790.67
	06/13/07	3,851.07	60.41	60.60	0.19	3,790.63
	06/18/07	3,851.07	60.42	60.66	0.24	3,790.61
	06/21/07	3,851.07	60.43	60.62	0.19	3,790.61
	07/02/07	3,851.07	60.41	60.77	0.36	3,790.61
	07/13/07	3.851.07	60.36	61.11	0.75	3,790.60
	07/17/07	3,851.07	60.45	60.76	0.31	3,790.57
	08/29/07	3,851.07	60.32	61.54	1.22	3,790.57
	10/26/07	3,851.07	60.30	62.28	1.98	3,790.47
	11/12/07	3,851.07	60.08	63.37	3.29	3,790.50
	11/28/07	3,851.07	Well Obs			5,770.50
	11/30/07	3,851,07	Well Obs			
	12/13/07	3,851.07	60.31	62.56	2.25	3,790.42
	12/15/07	5,651.07		Health and the Photo Million and the Photo State		5,750.42
MW-11	03/19/07	3,850.96	A MARCENE 2010	60.22	0.00	3,790.74
111 11 11	05/31/07	3,850.96	_	60.35	0.00	3,790.61
	08/29/07	3,850.96		60.46	0.00	3,790.50
	11/12/07	3,850.96		60.58	0.00	3,790.30
Materopa	11/12/07			00.58		3,790.38
			Huger Construction Construction	60.64	0.00	
<u>MW-12</u>	03/19/07	3,850.45		60.76	0.00	3,789.81
	05/31/07	3,850.45	-			3,789.69
	08/29/07	3,850.45		60.88 60.99	0.00	3,789.57 3,789.46
SHAMPS COLUMN	11/12/07	3,850.45	-	00.99	0.00	
RW-1	01/05/07		59.81	59.96	0.15	
KW-I	01/05/07 01/10/07		58.90	59.45	0.15	-
	01/12/07		59.21	62.72	3.51	
	01/12/07	-	57.78	64.54	6.76	-
	01/25/07	-	57.85	64.40	6.55	
	01/25/07		57.76	64.64	6.88	-
	01/29/07		57.81	64.48	6.67	
	02/01/07		57.83	64.47	6.64	
	02/06/07		57.77	64.78 64.68	7.01	-
	02/09/07		57.81		6.87	
	02/13/07		57.79	64.67	6.88	-
	02/16/07	-	58.15	65.04	6.89	
	02/20/07		57.71	65.15	7.44	-
	02/21/07		57.74	65.03	7.29	-
	02/22/07	-	57.82	64.71	6.89	-
	02/28/07		57.81	64.75	6.94	-
	03/02/07		57.85	64.64	6.79	
	03/06/07		57.80	64.82	7.02	-

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#### 2007 GROUNDWATER ELEVATION DATA

#### PLAINS MARKETING, L.P. 34 JUNCTION SOUTH STATION LEA COUNTY, NEW MEXICO PLAINS EMS NO. 2005-00138 NMOCD REFERENCE NUMBER 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW-1	03/14/07	-	57.82	64.81	6.99	-
	03/19/07	-	57.86	64.68	6.82	-
	04/02/07	-	57.91	64.72	6.81	-
	04/09/07	-	58.03	64.71	6.68	-
	04/12/07	-	57.84	64.84	7.00	-
	04/16/07	-	57.89	64.68	6.79	-
	04/24/07	-	57.88	64.77	6.89	-
	04/26/07	-	57.78	65.24	7.46	-
	04/30/07	-	57.87	64.86	6.99	-
	05/04/07	-	57.91	64.85	6.94	-
	05/11/07	-	57.92	64.90	6.98	_
	05/16/07	-	57.84	65.29	7.45	-
	05/18/07	-	57.92	64.82	6.90	-
	05/21/07	-	57.94	64.86	6.92	-
	05/29/07	-	57.85	65.19	7.34	-
	05/31/07	-	57.85	65.19	7.34	~
	06/01/07	-	57.90	65.05	7.15	-
	06/07/07	-	59.22	59.46	0.24	-
	06/11/07	-	59.22	59.39	0.17	-
	06/13/07	-	59.08	59.99	0.91	-
	06/18/07	-	58.73	61.36	2.63	-
	06/21/07	-	58.34	63.19	4.85	-
	07/02/07	-	59.10	64.63	5.53	-
	07/06/07	-	57.94	65.24	7.30	-
	08/29/07	-	58.09	65.04	6.95	-
	10/26/07	-	58.12	65.33	7.21	-
	11/12/07		58.14	65.28	7.14	-
	11/21/07	-	58.17	65.36	7.19	-
	11/28/07	-	58.18	65.36	7.18	-
	11/30/07	-	58.25	64.75	6.50	-
	12/13/07	-	58.05	66.00	7.95	-
						19 Anna a land a na atao atao atao atao atao atao atao

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#### 2007 CONCENTRATIONS OF BTEX IN GROUNDWATER

#### PLAINS MARKETING, L.P. JUNCTION 34 SOUTH STATION LEA COUNTY, NEW MEXICO PLAINS EMS NO. 2005-00138 NMOCD REFERENCE NUMBER 1R-0456

			846-8021B, 50	30		
SAMPLE LOCATION	SAMPLE DATE	BENZENE (mg/L)	TOLUEN E (mg/L)	ETHYL- BENZENE (mg/L)	M,P- XYLENES (mg/L)	O- XYLENES (mg/L)
NMOCD REGULATO	RY LIMIT	0.01	0.75	0.75	0.	62
MW-1	03/19/07	< 0.001	< 0.001	< 0.001	<0.	001
	05/31/07	< 0.001	< 0.001	< 0.001	<0.	001
	08/29/07	< 0.001	< 0.001	< 0.001	<0.	001
	11/12/07	< 0.005	< 0.005	< 0.005	<0.	005
	Condition of the second					
MW-2	03/19/07	<0.001	<0.001	< 0.001	<0.	001
	05/31/07	<0.001	< 0.001	< 0.001		001
	08/29/07	< 0.001	< 0.001	<0.001		001
	11/12/07	0.0015	< 0.001	<0.001		001
				in near th <b>air t</b> hailte		
MW-3	03/19/07	Not Sampled				
	05/31/07	Not Sampled		and the second second		
Heather	08/29/07	Not Sampled				
WAS IN THE OLD THE AND A STREET OF A STREET	11/12/07	Not Sampled			difference of the second states of the	Mainline, her weißer, some in
MW-4	03/19/07	2.49	1.86	0.282		95
	05/31/07	6.27	3.8	0.302	0.9	981
	08/29/07	Not Sampled				
An an abbeen been on the term of the second s	11/12/07	Not Sampled			www.weekeerselin.hund.ucco	Ballet Contractor
				abarahina (h. 2000). An dina sing tanàng ang ang ang ang ang ang ang ang ang a		
MW-5	03/19/07	0.163	< 0.001	0.0359		469
	05/31/07	2.39	< 0.02	0.155		275
	08/29/07	4.72	< 0.02	0.33		635
The second s	11/12/07	6.1	<0.2	0.451		).2 Material (Saladar) (S
	02/10/07		1999-5909411 CHINELLIN			001
MW-6	03/19/07 05/31/07	<0.001	0.001	<0.001 <0.001		.001
	08/29/07	<0.001	0.001	<0.001		.001
	11/12/07	<0.001	0.001	<0.001		.001
		<u>\0.001</u>	0.001	~0.001		
MW-7	03/19/07	< 0.001	< 0.001	<0.001		.001
JV1 VV - /	05/31/07	<0.001	<0.001	<0.001		.001
	08/29/07	<0.001	<0.001	<0.001		.005
· ··	11/12/07	<0.001	<0.003	< 0.001		.001
n and a second se	N. SHOPPERSON		Uto (P.1) - Street Barrier			
MW-8	03/19/07	Not Sampled	Due to PSH		Construction of the state of the second state	Minarda et annight, 1999
	05/31/07	Not Sampled				
	08/29/07	Not Sampled				
·····	11/12/07	1.24	0.769	0.266	0.'	737
MW-9	03/19/07	Not Sampled				
	05/31/07	Not Sampled	Due to PSH	in Well		
	08/29/07	Not Sampled	Due to PSH	in Well		
	11/12/07	Not Sampled	Due to PSH	in Well		
MW-10	03/19/07	5.3	1.98	0.401		27
	05/31/07	Not Sampled	Due to PSH	in Well		
	08/29/07	Not Sampled	Due to PSH	in Well		
	11/12/07	Not Sampled	Due to PSH	in Well		
		and and and a		ALC: NO.	Anary and a second s	

#### 2007 CONCENTRATIONS OF BTEX IN GROUNDWATER

#### PLAINS MARKETING, L.P. JUNCTION 34 SOUTH STATION LEA COUNTY, NEW MEXICO PLAINS EMS NO. 2005-00138 NMOCD REFERENCE NUMBER 1R-0456

			METHODS: EPA SW 846-8021B, 5030				
SAMPLE LOCATION	SAMPLE DATE	BENZENE (mg/L)	TOLUEN E (mg/L)	ETHYL- BENZENE (mg/L)	M,P- XYLENES (mg/L)	O- XYLENES (mg/L)	
NMOCD REGULATO	RY LIMIT	0.01	0.75	0.75	0.	62	
MW-11	03/19/07	< 0.001	< 0.001	< 0.001	<0.	001	
	05/31/07	< 0.001	< 0.001	< 0.001	<0.	001	
	08/29/07	< 0.005	< 0.005	< 0.005	<0.	005	
	11/12/07	< 0.001	< 0.001	< 0.001	<0.	001	
MW-12	03/19/07	< 0.001	< 0.001	< 0.001	<0.	001	
	05/31/07	< 0.001	< 0.001	< 0.001	<0.	001	
	08/29/07	< 0.005	< 0.005	< 0.005	<0.	005	
	11/12/07	< 0.001	< 0.001	< 0.001	<0.	001	
			dan dan tertikan dari Kardari tertikan dari				
RW-1	03/19/07	Not Sampled	Due to PSH	l in Well			
	05/31/07	Not Sampled	Due to PSH	l in Well			
	08/29/07	Not Sampled	Due to PSH	in Well			
	11/12/07	Not Sampled	Due to PSH	in Well			
		Contraction and a second					

Bold indicates constituent exceeds NMOCD regulatory limits

 \* indicates well contained measurable thicknesses of PSH which was recovered before sampling

## Appendices

## Appendix A Release Notification and Corrective Action (Form C-141)

() () ()

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

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State of New Mexico **Energy Minerals and Natural Resources** 

**Oil Conservation Division** 

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

			n -			, NM 875						5 Board 4
			Kele	ease Notifica	atioi		e de câgo de la composición de la comp	ction				
				······································	*	OPER/	and the end of the second s	····, ····	x Initi	al Report		Final Repo
Name of Company Plains Marketing, LP Address 5805 East Hwy. 80, Midland, TX 79706						Contact Camille Reynolds Telephone No. 505-441-0965					<del>a de la compositor</del>	<del></del>
Address 5805 East Hwy. 80, Midland, 1X 79706 Facility Name 34 Junction South Station							No. 505-441-09 be Meter Facilit		<u> </u>			·······
racinty han	lie 54 Julie		sauon		<u></u> 4		Je Wieter Facilit	<b>y</b>				
Surface Ow	ner State I	and Office		Mineral Ov	wner				Lease N	١o.		······
•				LOCA	TIO	N OF RE	LEASE					
Unit Letter M	Section 2	Township 17S	Range 36E	Feet from the	North	South Line	Feet from the	East/W	est Line	County Lea		
	L	Latitu	ide <u>32°5</u>	1'42.4"		Longitude	<u>103° 19'54.4"</u>	- 4 :		,		
•				NAT	URE	OF REL	EASE					
Type of Rele						Volume of	Release 15 barre			Recovered .	5 barrel	s
Source of Re	lease Malfu	inction of che	ck valve o	on air eliminator			Hour of Occurrent			Hour of Di	scovery	· · · · · · · · · · · · · · · · · · ·
Was Immedi	ate Notice (	Given?		······································		6-10-05 @		<u>_</u>	<u>6-10-05 (</u>	a) 07:45	211	21314-
AA 92: TITŘITICA I			Yes [	] No 🔲 Not Rea	quired	Paul Shee					101.	1516
By Whom? C	amille Rev	molds				Date and I	Hour 6-10-05 @	13-31		/~		
Was a Water			] Yes [2	3 No			olume Impacting		course.	3466		s 213747576
If a Watercou	irse was Im	ipacted. Desci	ibe Fully.	*		A		<del>,</del>		14		
· · ·		,		-			 	.*		40	658	179252
eliminator of	f of meterin	ng system. Th	e station	on Taken.* Mechar produces approxim tent is <10 ppm.	ucal m ately 10	alfunction of 00 barrels of	check valve on a sweet crude oil p	ir eliminat er day, T	tor resulte he pressu	d in release	60287	LZ9ZSL
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