AP - 12

ANNUAL MONITORING REPORT

YEAR(S): 2010

PLAINS
ALL AMERICAN

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MAR 28 2011

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

March 23, 2011

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

Re: Plains All American – 2010 Annual Monitoring Reports
20 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:

34 Junc. to Lea Sta.	1R-0386	Section 21, Township 20 South, Range 37 East, Lea County
34 Junction South	1R-0456	Section 02, Township 17 South, Range 36 East, Lea County
Bob Durham	AP-0016	Section 32, Township 19 South, Range 37 East, Lea County
Darr Angell #1	AP-007	Section 11, Township 15 South, Range 37 East, Lea County
Darr Angell #2	AP-007	Section 11, Township 15 South, Range 37 East, Lea County Section 14, Township 15 South, Range 37 East, Lea County
Darr Angell #4	AP-007	Section 11, Township 15 South, Range 37 East, Lea County Section 02, Township 15 South, Range 37 East, Lea County
Denton Station	1R-0234	Section 14, Township 15 South, Range 37 East, Lea County
HDO-90-23	AP-009	Section 06, Township 20 South, Range 37 East, Lea County
LF-59	1R-0103	Section 32, Township 19 South, Range 37 East, Lea County
Monument 2	1R-0110	Section 06, Township 20 South, Range 37 East, Lea County Section 07, Township 20 South, Range 37 East, Lea, County
Monument 10	1R-0119	Section 30, Township 19 South, Range 37 East, Lea County
Monument 17	1R-123	Section 29, Township 19 South, Range 37 East, Lea County
Monument 18	1R-0124	Section 07, Township 20 South, Range 37 East, Lea County
S. Mon. Gath. Sour	1R-951	Section 05, Township 20 South, Range 37 East, Lea County
SPS-11	GW-0140	Section 18, Township 18 South, Range 36 East, Lea County
Texaco Skelly F	1R-0420	Section 11, Township 21 South, Range 37 East, Lea County
TNM 97-04	GW-0294	Section 11, Township 16 South, Range 35 East, Lea County
TNM 97-17	AP-017	Section 21, Township 20 South, Range 37 East, Lea County
TNM 97-18	AP-0013	Section 28, Township 20 South, Range 37 East, Lea County
TNM 98-05A	AP-12	Section 26, Township 21 South, Range 37 East, Lea County

PLAINS
ALL AMERICAN

Nova Safety and Environmental (Nova) prepared these documents and has vouched for their accuracy and completeness, and on behalf of Plains All American, I have personally reviewed the documents and interviewed Nova personnel in 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 (575) 441-1099.

Sincerely,

Jason Henry
Remediation Coordinator
Plains All American

CC: Geoff Leking, NMOCD, Hobbs, NM

Enclosures

2010
ANNUAL MONITORING REPORT

TNM 98-05A
NE 1/4 NW 1/4 OF SECTION 26, TOWNSHIP 21 SOUTH, RANGE 37 EAST
LEA COUNTY, NEW MEXICO
PLAINS SRS NUMBER: TNM-98-05A
NMOCD Reference AP-12

Prepared for:

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

NOVA
safety and environmental

Prepared By:

NOVA Safety and Environmental
2057 Commerce Street
Midland, Texas 79703

March 2011

Ronald K. Rounsaville
Senior Project Manager

Brittan K. Byerly, P.G.
President

TABLE OF CONTENTS

INTRODUCTION

NOVA Safety and Environmental (NOVA), on behalf of Plains Pipeline, L.P. (Plains), has prepared this 2010 Annual Groundwater 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 May 29, 2004, project management responsibilities were assumed by NOVA. This report is intended to be viewed as a complete document with figures, attachments, tables, and text. The report presents the results of four quarterly groundwater monitoring/sampling events conducted at the TNM 98-05A crude oil Release Site (the site), located in Lea County, New Mexico. The site, formerly the responsibility of Enron Oil Trading and Transportation (EOTT) is now the responsibility of Plains. For reference, the Site Location Map is provided as Figure 1.

Groundwater gauging and sampling was conducted during each quarter of 2010 to assess the levels and extent of Phase Separated Hydrocarbons (PSH) and dissolved phase constituents. The groundwater monitoring events consisted of measuring static water levels in the monitor wells, and purging and sampling of each well exhibiting sufficient recharge. Monitor wells were not sampled if a measurable thickness of PSH were detected during gauging activities.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The site is located approximately two miles northeast of the city of Eunice, New Mexico. The legal description of the site is NE ¼, NW ¼, Section 26, Township 21 South, Range 37 East (Figure 1). On February 5, 1998, an estimated 38 barrels of crude oil were released from a six inch crude oil pipeline. Approximately four barrels of crude oil were recovered during the initial response activities. The release was attributed to internal corrosion of the pipeline. The Release Notification and Corrective Action Form (C-141) is provided as Appendix A. Approximately 3,300 cubic yards of impacted soil was excavated and applied to an on-site treatment cell. In December 2004, a Site Restoration Work Plan and Proposed Soil Closure Strategy Report was submitted to the NMOCD. The report was approved by the NMOCD in a letter dated June 2, 2005. In October 2005, additional excavation along the east sidewall was completed, the excavation was backfilled with remediated soil and the site was graded to match the surrounding topography. In December 2005, a Soil Closure Request was submitted to the NMOCD and this request was approved by the NMOCD in a letter dated January 31, 2006, which concurred that no further action was necessary with regard to soil remediation at the TNM-98-05A Site.

During the October 2005 excavation backfilling activities, monitor well MW-4 was damaged and could not be repaired. On January 9, 2006, Plains representatives requested NMOCD approval to plug and abandon monitor well MW-4. On January 19, 2006, NMOCD approved the request to plug and abandon the monitor well. On March 6, 2006, monitor well MW-4 was plugged and abandoned utilizing approved New Mexico Office of the State Engineer plugging and abandonment procedures.

Currently, there are ten monitor wells (MW-1 through MW-3 and MW-5 through MW-11) onsite. For reference, the analytical results are shown in Table 2, 2010 Concentrations of BTEX in Groundwater.

FIELD ACTIVITIES

During the reporting period, no measurable thickness of PSH was detected in any of the site monitor wells. Table 1 displays the groundwater gauging data for the reporting period. Historic groundwater elevation data beginning at project inception is provided on the enclosed data disk.

Groundwater Monitoring

Quarterly monitoring events for the reporting period were performed according to the following sampling schedule, which was approved by the NMOCD in correspondence dated April 28, 2004 and amended by correspondence date January 19, 2006. The table below illustrates the current groundwater sampling schedule approved by the NMOCD.

Sample Location	Sampling Schedule
MW-1	Quarterly
MW-2	Quarterly
MW-3	Quarterly
MW-4	Plugged and Abandoned March 6, 2006
MW-5	Semi-annual
MW-6	Semi-annual
MW-7	Semi-annual
MW-8	Annual
MW-9	Quarterly
MW-10	Quarterly
MW-11	Quarterly

Quarterly sampling events for the calendar year 2010 were performed on February 4, May 7, August 6, and November 5, 2010. Each quarterly sampling event consisted of gauging all wells and purging and sampling monitor wells as per the approved sampling schedule. During each sampling event, the monitor wells were purged of a minimum of 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 collected using disposable Teflon samplers. Water samples were placed 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.

The most recent inferred groundwater gradient, Figure 2D, indicates a general gradient of approximately 0.005 feet/foot to the southeast as measured between monitor wells MW-5 and MW-8. This data is consistent with data presented on Figures 2A through 2C from earlier in the year. The corrected groundwater elevations ranged between 3,343.01 and 3,344.66 feet above mean sea level, in monitor well MW-1 on March 16, 2010 and from monitor well MW-5 January 12, 2010, respectively. Groundwater elevation data for the calendar year 2010 is provided in Table 1. Historic groundwater elevation data beginning at project inception is provided on the enclosed disk.

LABORATORY RESULTS

Groundwater samples obtained during the quarterly sampling events of 2010 were delivered to Trace Analysis, Inc. in Midland, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method 8021B. Polynuclear Aromatic Hydrocarbons (PAH) analysis was conducted on monitor wells MW-1, MW-2 and MW-10 during the 2010 calendar year. Based upon historic PAH analytical data, only those wells exhibiting elevated constituent concentrations above WQCC standards are sampled, with the exclusion of those wells containing measurable PSH thicknesses. A listing of BTEX constituent concentrations for 2010 are summarized in Table 2 and the Historic PAH constituent concentrations are summarized in Table 3. Copies of the laboratory reports generated for 2010 are provided on the enclosed data disk. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 3A through 3D.

Monitor well MW-1 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 2.250 mg/L during the 4th quarter to 2.940 mg/L during the 2nd quarter of 2010. Benzene concentrations were above the NMOCD regulatory standard of 0.01 mg/L during all four quarters of the reporting period. Toluene concentrations were below the MDL and below the NMOCD regulatory standard during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.156 mg/L during the 1st quarter to 0.657 mg/L during the 2nd quarter of 2010. Ethyl-benzene concentrations were below the NMOCD regulatory standard of 0.75 mg/L during all four quarters of the reporting period. Xylene concentrations ranged from <0.050 mg/L during the 4th quarter to 0.118 mg/L during the 3rd quarter of 2010. Xylene concentrations were below the NMOCD regulatory standard of 0.62 mg/L during all four quarters of the reporting period. Laboratory analysis for PAH during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.0407 mg/L), 1-methylnaphthalene (0.138 mg/L) and 2-methylnaphthalene (0.0768 mg/L). Additional PAH constituents detected above MDLs include fluorine (0.0114 mg/L), phenanthrene (0.0250 mg/L) and dibenzofuran (0.0219 mg/L), which are below the WQCC Drinking Water Standards.

Monitor well MW-2 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.385 mg/L during the 1st quarter to 1.210 mg/L during the 2nd quarter of 2010. Benzene concentrations were above the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.217 mg/L during the 1st quarter to 0.494 mg/L during the 2nd quarter of 2010. Ethyl-benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Xylene concentrations ranged from <0.100 mg/L during the 1st quarter to 0.480 mg/L during the 4th quarter of 2010. Xylene concentrations were above the NMOCD regulatory standard during all four quarters of the reporting period. Laboratory analysis for PAH during the 4th quarter sampling event indicated detectable concentrations above MDLs for naphthalene (0.00139 mg/L), 1-methylnaphthalene (0.0053 mg/L) and 2-methylnaphthalene (0.000936 mg/L), fluorine (0.00106 mg/L), phenanthrene (0.00238 mg/L) and dibenzofuran (0.00168 mg/L), which are below the WQCC Drinking Water Standards.

Monitor well MW-3 is sampled on a quarterly schedule. Analytical results indicate BTEX constituent concentrations were below the MDL and/or NMOCD regulatory standards during all four quarters of the reporting period. Monitor well MW-3 has exhibited thirty-two consecutive monitoring events below NMOCD regulatory limits. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-5 is sampled on a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each constituent during the 2nd and 4th quarter sampling events. Monitor well MW-5 has exhibited thirty consecutive monitoring events below NMOCD regulatory limits. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-6 is sampled on a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each constituent during the 2nd and 4th quarter sampling event. Monitor well MW-6 has exhibited thirty-four consecutive monitoring events below NMOCD regulatory limits. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-7 is sampled on a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each constituent during the 2nd and 4th quarter sampling event. Monitor well MW-7 has exhibited thirty-four consecutive monitoring events below NMOCD regulatory limits. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-8 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each constituent during the 4th quarter sampling event. Monitor well MW-8 has exhibited twenty-five consecutive monitoring events below NMOCD regulatory limits. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-9 is sampled on a quarterly schedule and analytical results indicate benzene concentrations were below the MDLs and NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below the MDLs and NMOCD regulatory standard during the all four quarters of the reporting period. Ethyl-benzene concentrations ranged from <0.001 mg/L during the 4th quarter to 0.010 mg/L during the 1st quarter of 2010. Ethyl-benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 4th quarter to 0.0107 mg/L during the 3rd quarter of 2010. Xylene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-10 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 5.400 mg/L during the 4th quarter to 8.450 mg/L during the 3rd quarter of 2010. Benzene concentrations were above the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below the MDL and below

the NMOCD regulatory standard during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from 1.070 mg/L during the 1st quarter to 1.180 mg/L during the 3rd quarter of 2010. Ethyl-benzene concentrations were above the NMOCD regulatory standard during all four quarters of the reporting period. Xylene concentrations ranged from 0.218 mg/L during the 1st quarter to 0.700 mg/L during the 2nd quarter of 2010. Xylene concentrations were above the NMOCD regulatory standard during the 2nd and 4th quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.0358 mg/L), 1-methylnaphthalene (0.0569 mg/L) and 2-methylnaphthalene (0.041 mg/L). Additional PAH constituents detected above MDLs include fluorine (0.00495 mg/L), phenanthrene (0.00732 mg/L) and dibenzofuran (0.00602 mg/L), which are below the WQCC Drinking Water Standards.

Monitor well MW-11 is sampled on a quarterly schedule. Analytical results indicate BTEX constituent concentrations were below the MDL and/or NMOCD regulatory standards during all four quarters of the reporting period. Monitor well MW-11 has exhibited twenty-four consecutive monitoring events below NMOCD regulatory limits. PAH analysis was not conducted during the 4th quarter sampling event.

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 four groundwater monitoring and sampling events for the annual monitoring period of calendar year 2010. Currently, there are ten groundwater monitor wells (MW-1 through MW-3 and MW-5 through MW-11) onsite. The most recent inferred groundwater gradient indicates a general gradient of approximately 0.005 feet/foot to the southeast.

During the reporting period, no measurable thickness of PSH was detected in any of the site monitor wells.

Benzene concentrations were above NMOCD regulatory standards in three monitor wells (MW-1, MW-2 and MW-10) during the reporting period. Benzene concentrations were below NMOCD regulatory standards in seven monitor wells.

Toluene concentrations were below NMOCD regulatory standards for all ten monitor wells during the four quarters of the 2010 reporting period.

Ethyl-benzene concentrations were above NMOCD regulatory standards for one monitor well. Monitor well MW-10 exhibited elevated concentrations above NMOCD regulatory standards during all four quarters of 2010. Ethyl-benzene concentrations were below NMOCD regulatory standards for nine monitor wells for the 2010 reporting period.

Xylene concentrations were above NMOCD regulatory standards for one monitor well. Monitor well MW-10 exhibited two quarters above and two quarter below NMOCD regulatory standards. Xylene concentrations were below NMOCD regulatory standards for nine monitor wells for the 2010 reporting period. Review of PAH analysis indicates a decreasing trend in constituent concentrations in monitor wells MW-2 and MW-10 and an increasing trend in MW-1.

ANTICIPATED ACTIONS

Plains will continue to monitor and perform quarterly groundwater sampling activities at the site. Based on the results of the PAH analysis over the past several years, NOVA will conduct PAH analysis only on monitor wells MW-1, MW-2 and MW-10, which have historically exhibited elevated constituents near or above the WQCC standards.

An Annual Monitoring Report will be submitted to the NMOCD by April 1, 2012.

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 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
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jpdann@paalp.com

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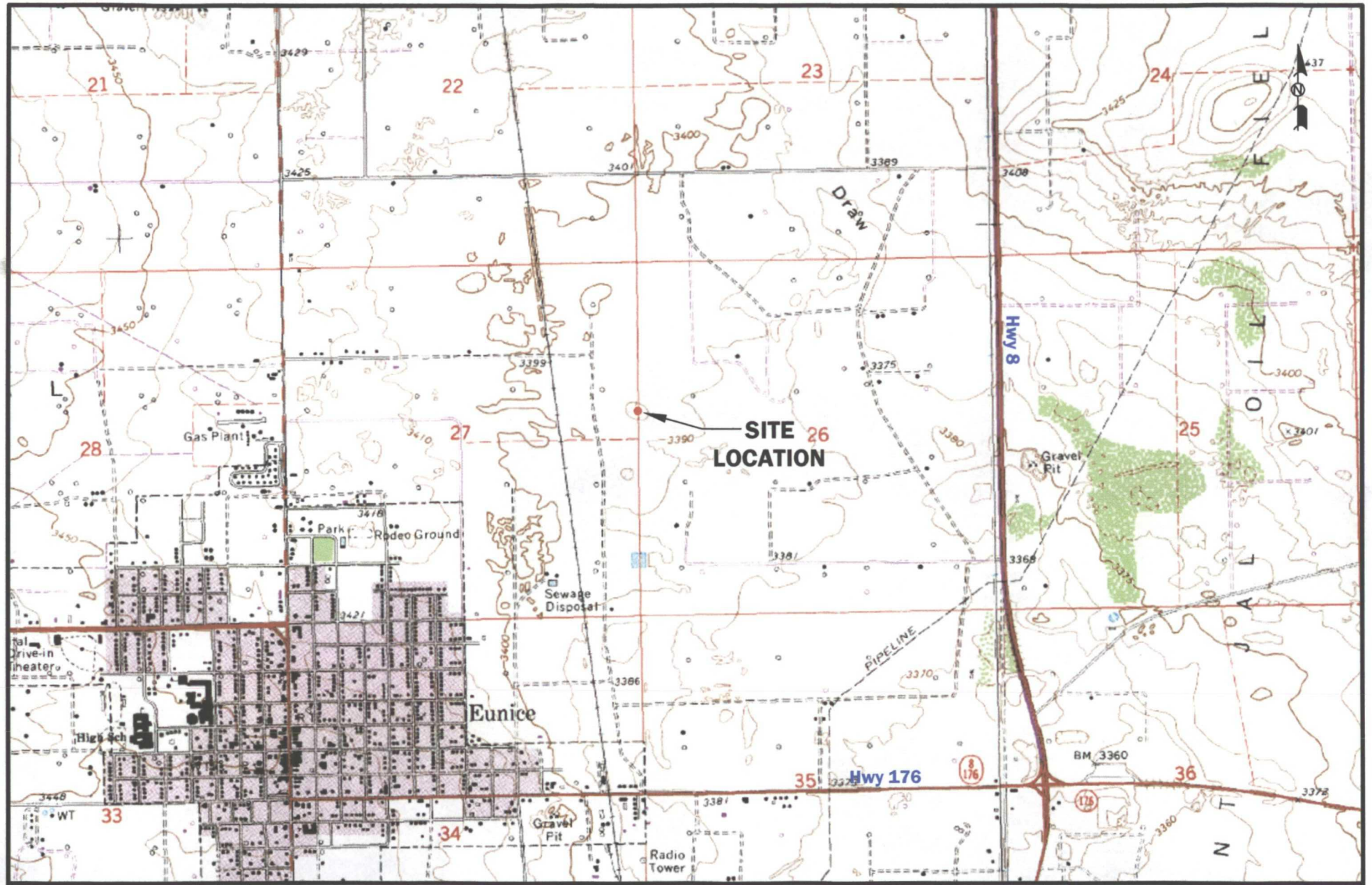
Midland, TX 79703
rrounsaville@novatraining.cc

Figures



LEGEND:

2000 1000 0 1000 2000

Distance in Feet

NMOCD Reference # AP-12

Figure 1
Site Location Map
TNM 98-05A
Plains Marketing, L.P.
Lea County, NM

NOVA safety and environmental

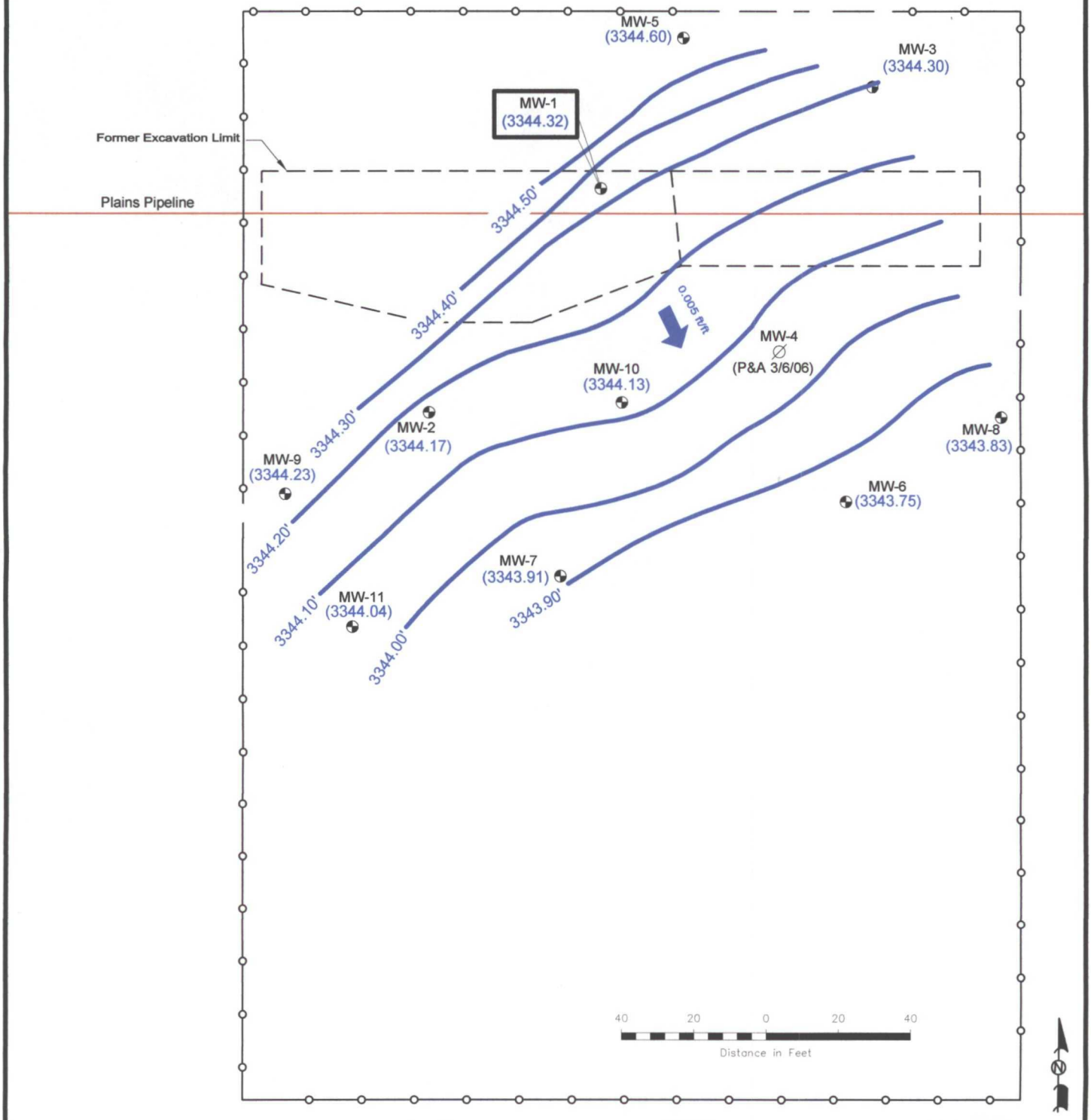
2057 Commerce Drive
Midland, Texas 79703
432.520.7720

www.novasafetyandenvironmental.com

March 3, 2011	Scale: 1" = 2000'	CAD By: TA	Checked By: RKR

LATITUDE & LONGITUDE COORDINATES: N 32° 27' 3.98" W 103° 8' 31.18"

Note: MW-6 not used to determine gradient. Gradient measured between MW-1 and MW-6.
Contour Intervals: = 0.10'



Legend:

- Monitor Well Location
- Fence
- Pipeline
- Former Excavation Limits
- (3728.80) Groundwater Elevation (feet)
- Groundwater Elevation Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude

Figure 2A
Inferred Groundwater
Groundwater Gradient Map
(02/04/2010)
Plains Marketing, L.P.
TNM98-05A
Lea County, NM
NMOCD Ref# AP-12

NOVA Safety and Environmental

NE1/4 NW1/4 Sec 26 T21S R37E		32° 27' 03.9"N 103° 08' 29.2"W
Scale: 1" = 40'	Cad By: SAT	Checked By: RKR
May 05, 2010		

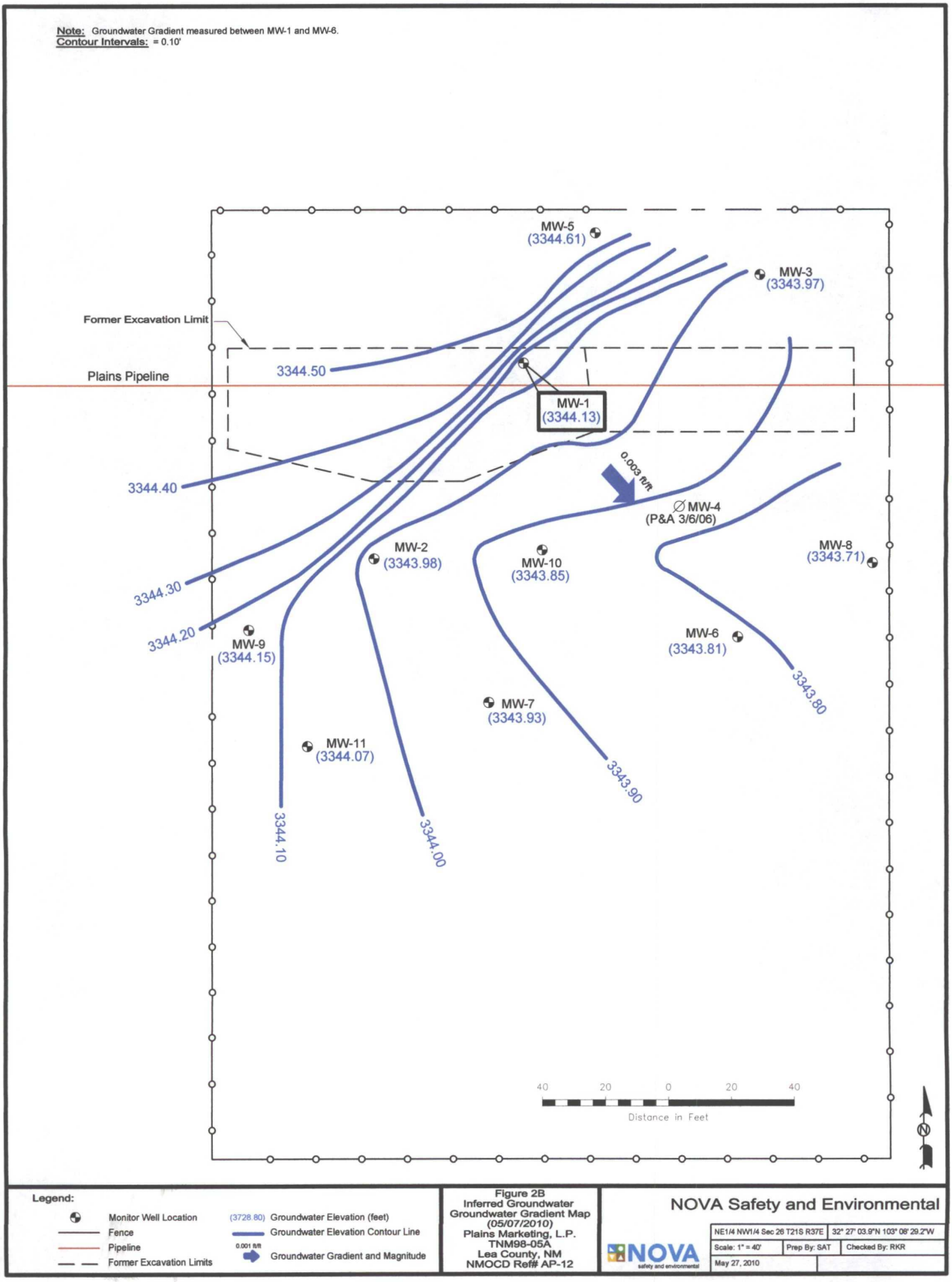
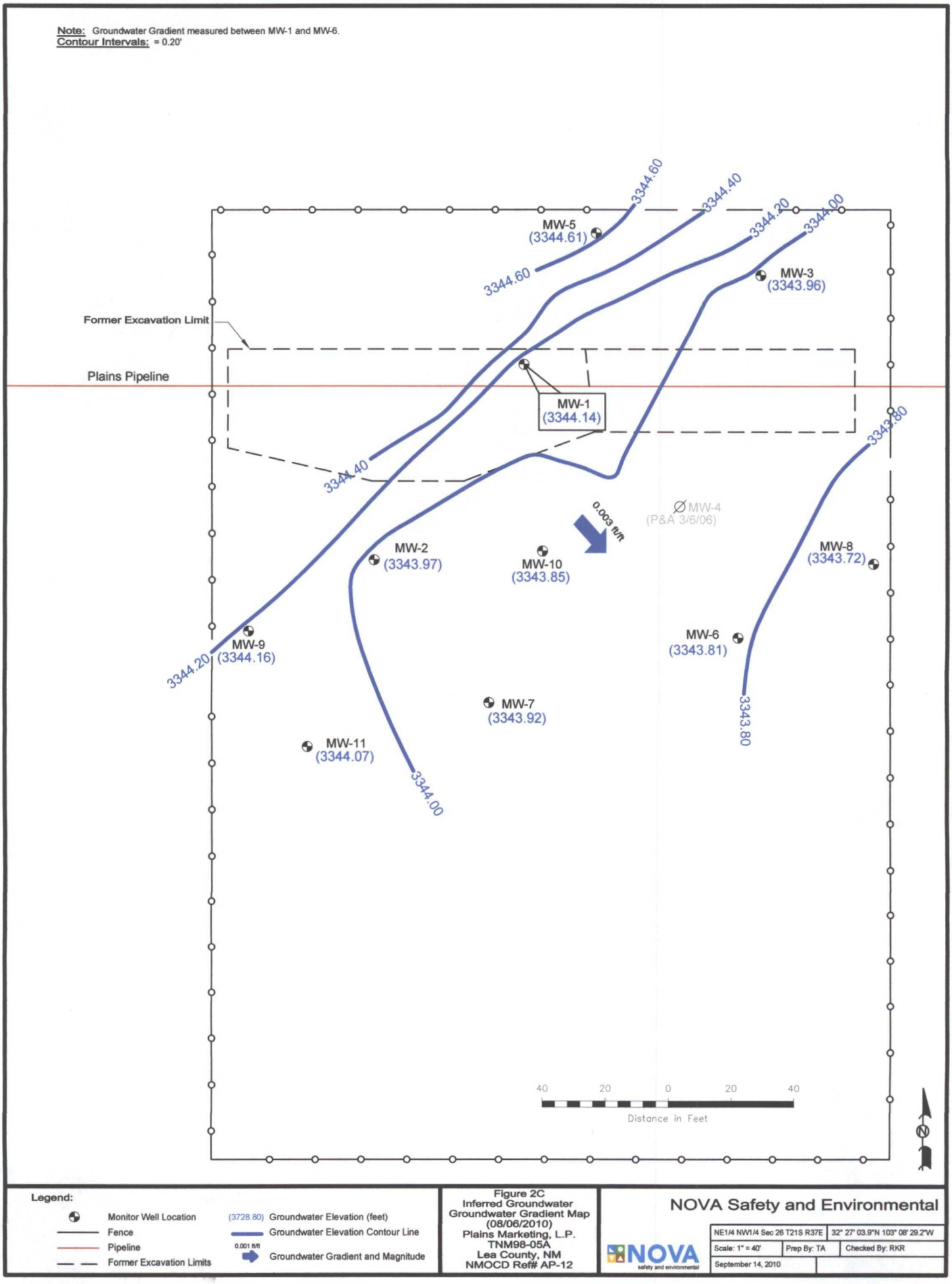


Figure 2B
Inferred Groundwater
Groundwater Gradient Map
(05/07/2010)
Plains Marketing, L.P.
TNM98-05A
Lea County, NM
NMOCD Ref# AP-12

NOVA Safety and Environmental

NE1/4 NW1/4 Sec 26 T21S R37E		32° 27' 03.9"N 103° 08' 29.2"W
Scale: 1" = 40'	Prep By: SAT	Checked By: RKR
May 27, 2010		


Note: Groundwater Gradient measured between MW-1 and MW-6.
Contour Intervals: = 0.20'
3344.60
3344.40
3344.20
3344.00
MW-5
(3344.61)
3344.60
MW-3
(3343.96)
Former Excavation Limit
Plains Pipeline
MW-1
(3344.14)
3344.40
3343.80
MW-4
(P&A 3/6/06)
0.003 ft/ft
MW-2
(3343.97)
MW-10
(3343.85)
MW-8
(3343.72)
MW-9
(3344.16)
3344.20
MW-6
(3343.81)
MW-7
(3343.92)
3343.80
MW-11
(3344.07)
3344.00
40
20
0
20
40
Distance in Feet
N
Legend:
Monitor Well Location
Fence
Pipeline
Former Excavation Limits
(3728.80) Groundwater Elevation (feet)
Groundwater Elevation Contour Line
0.001 ft/ft
Groundwater Gradient and Magnitude
Figure 2C
Inferred Groundwater
Groundwater Gradient Map
(08/06/2010)
Plains Marketing, L.P.
TNM98-05A
Lea County, NM
NMOCD Ref# AP-12
NOVA Safety and Environmental
NE1/4 NW1/4 Sec 26 T21S R37E
32° 27' 03.9"N 103° 08' 29.2"W
Scale: 1" = 40'
Prep By: TA
Checked By: RKR
September 14, 2010

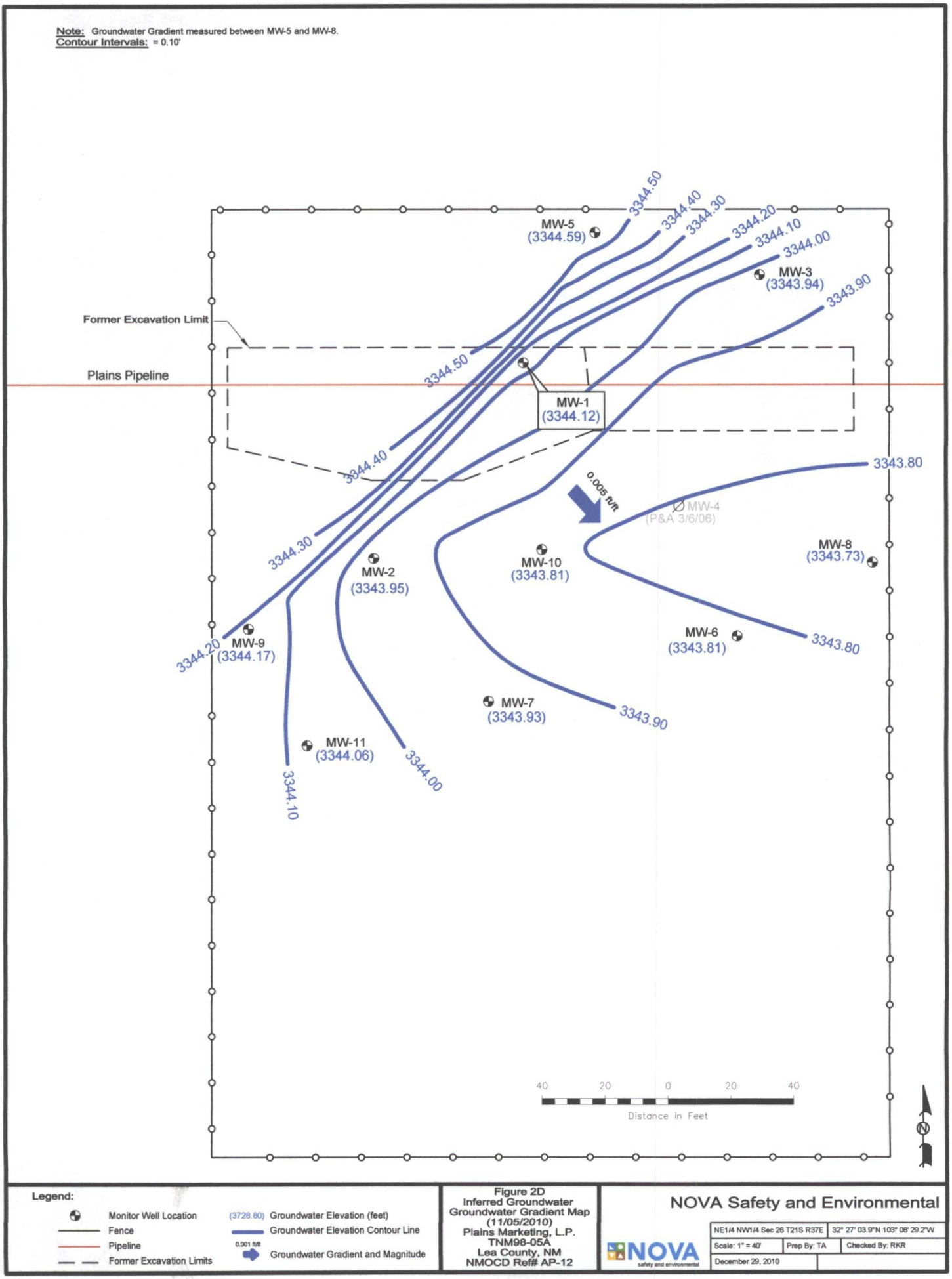
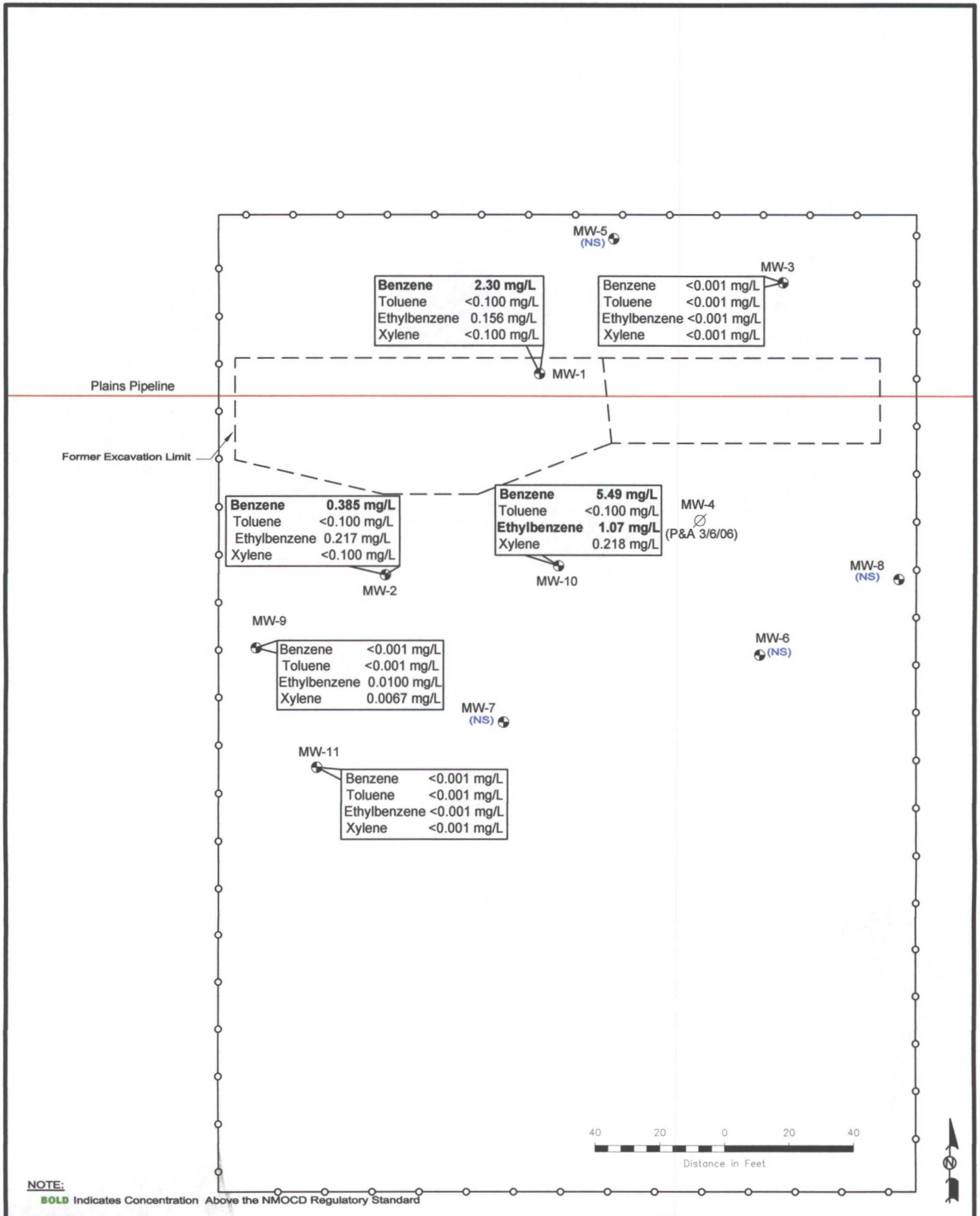


Figure 2D
Inferred Groundwater
Groundwater Gradient Map
(11/05/2010)
Plains Marketing, L.P.
TNM98-05A
Lea County, NM
NMOCD Ref# AP-12

NOVA Safety and Environmental

NE1/4 NW1/4 Sec 26 T21S R37E	32° 27' 03.9"N 103° 08' 29.2"W	
Scale: 1" = 40'	Prep By: TA	Checked By: RKR
December 29, 2010		



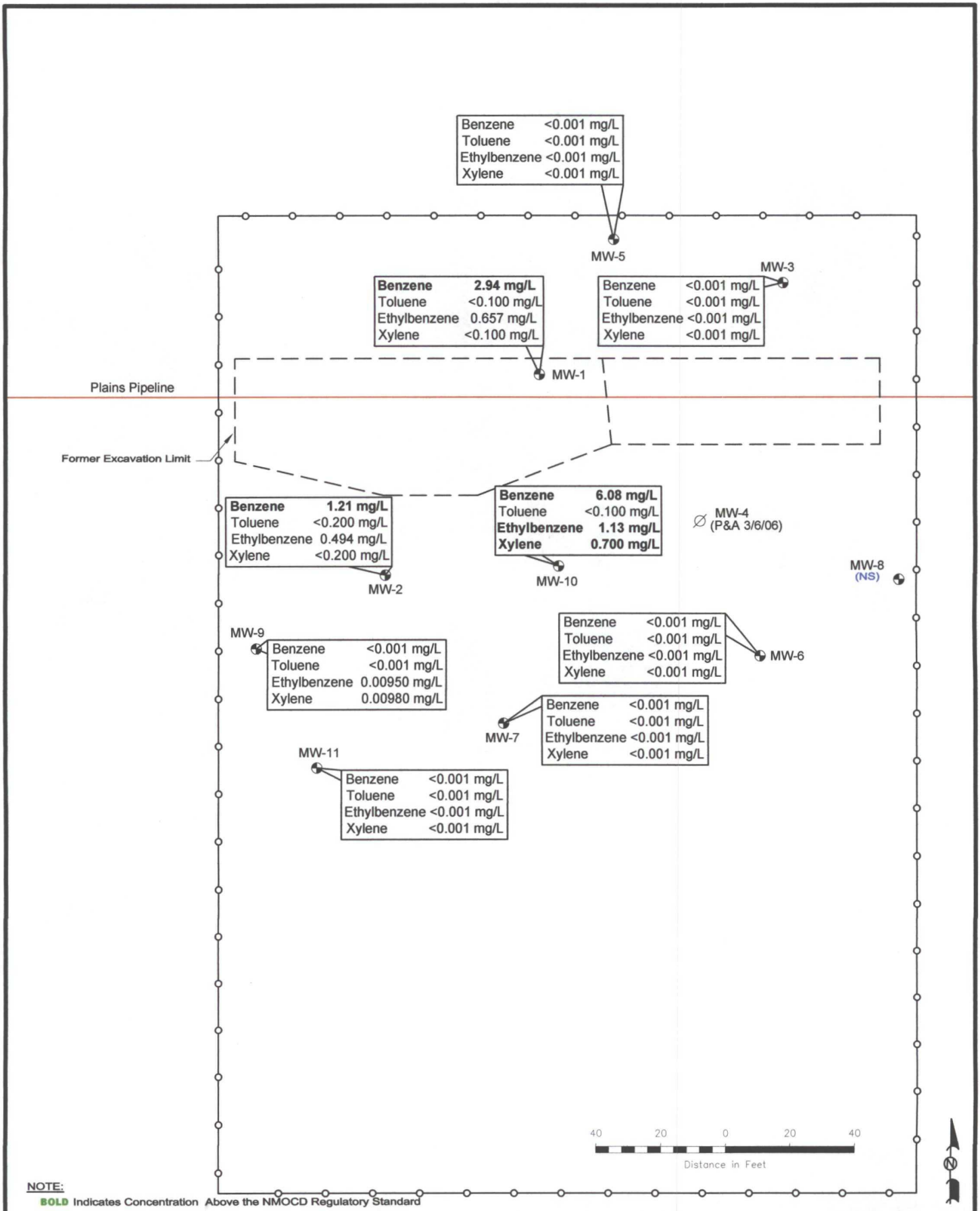
NOTE:
BOLD Indicates Concentration Above the NMOCD Regulatory Standard

Legend:
- Monitor Well Location
- Plugged and Abandoned
- Former Excavation Limits
- Fence
- <0.001 Constituent Concentration in mg/L
- (NS) Not Sampled

Figure 3A
Groundwater Concentration and Inferred PSH Extent (02/04/2010)
Plains Marketing, L.P.
TNM98-05A
Lea County, NM
NMOCD Ref# AP-12

NOVA Safety and Environmental

NE1/4 NW1/4 Sec 26 T21S R37E	32° 27' 03.9"N 103° 08' 29.2"W	
Scale: 1" = 40'	CAD By: SAT	Checked By: RKR
May 05, 2010		



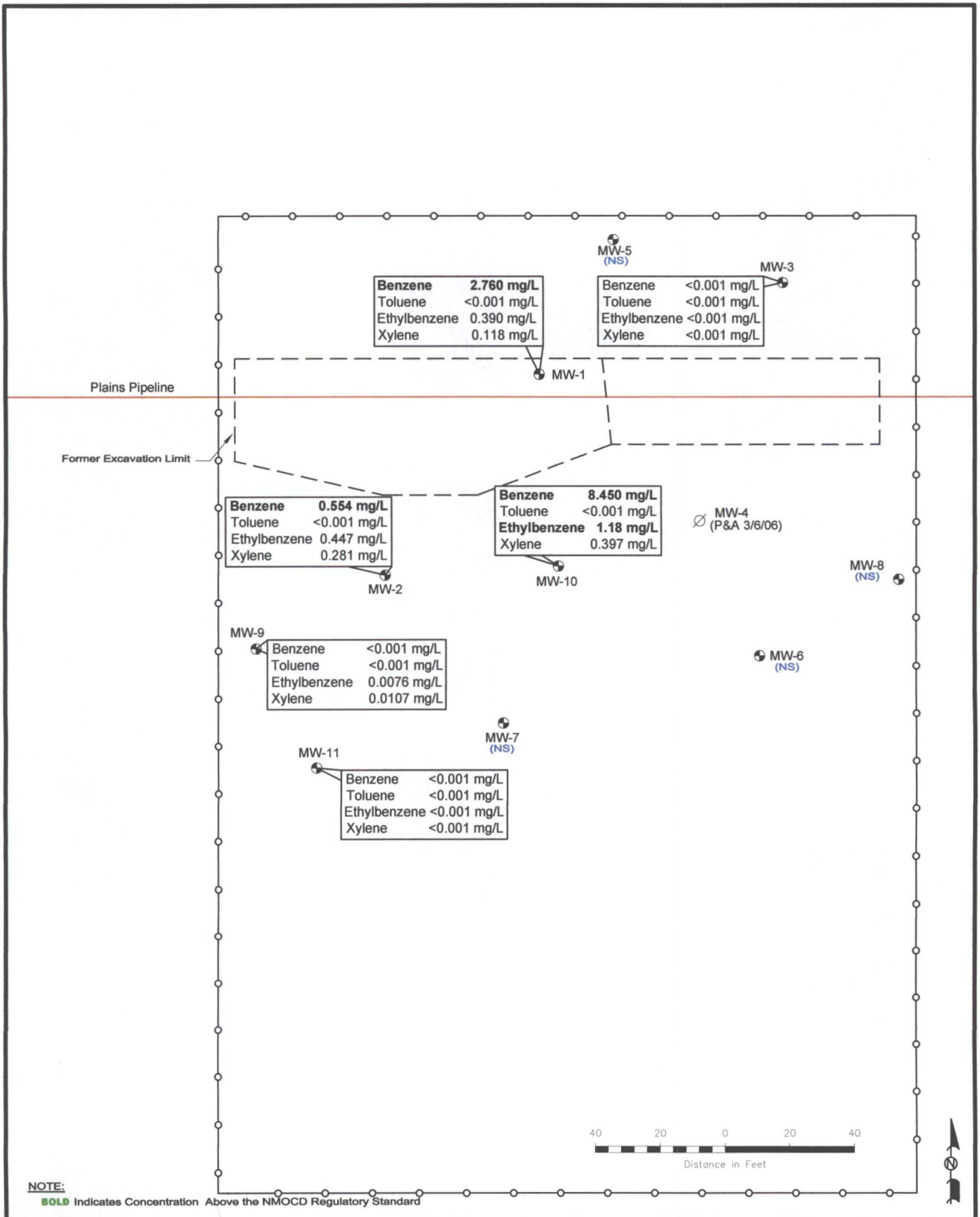
NOTE:
BOLD Indicates Concentration Above the NMOCD Regulatory Standard

Legend:
- Monitor Well Location
- Plugged and Abandoned
- Former Excavation Limits
- Fence
- <0.001 Constituent Concentration in mg/L
- (NS) Not Sampled

Figure 3B
Groundwater Concentration and Inferred PSH Extent (05/07/2010)
Plains Marketing, L.P.
TNM98-05A
Lea County, NM
NMOCD Ref# AP-12

NOVA Safety and Environmental

NE1/4 NW1/4 Sec 26 T21S R37E	32° 27' 03.9"N 103° 08' 29.2"W	
Scale: 1" = 40'	CAD By: SAT	Checked By: RKR
May 27, 2010		



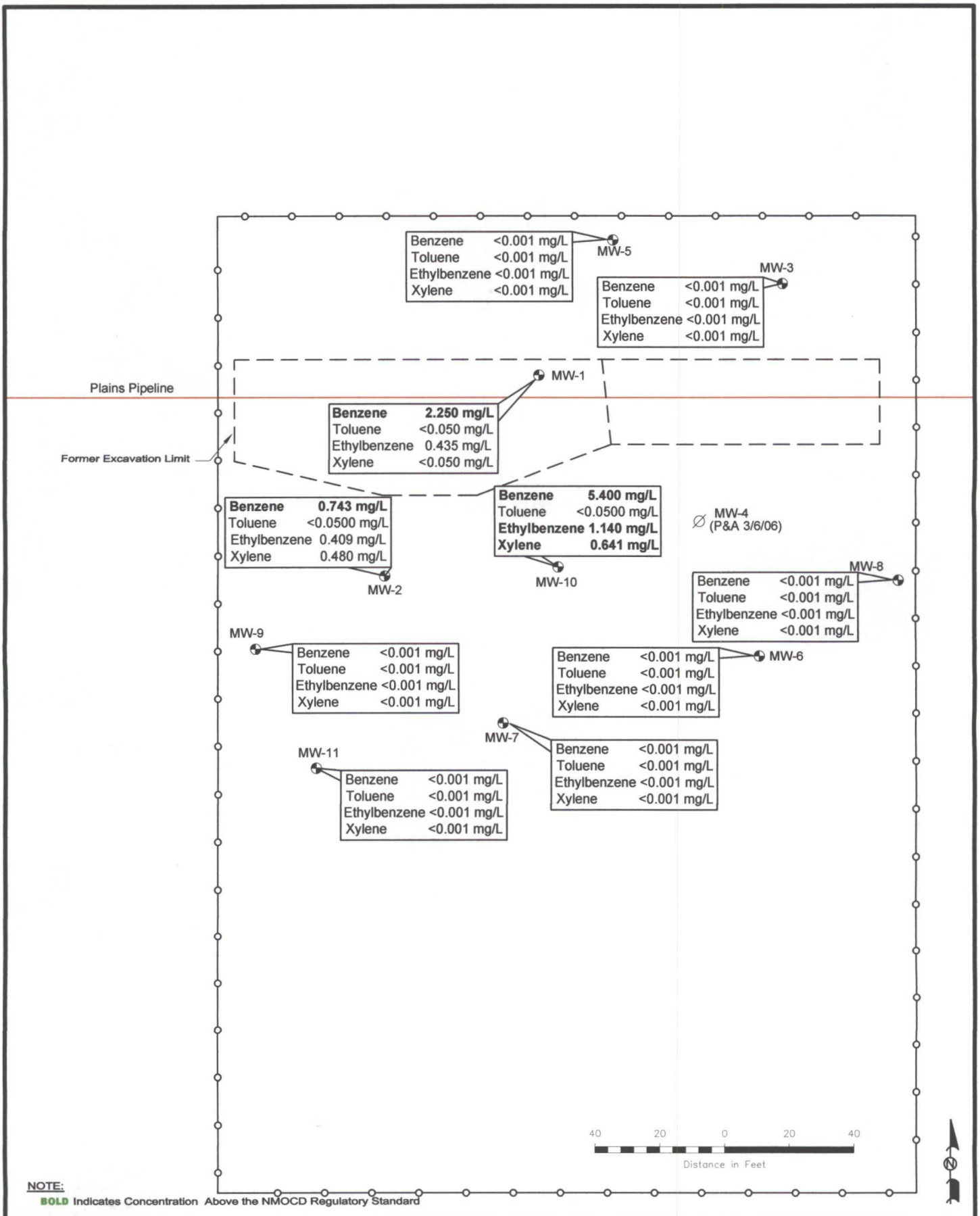
NOTE:
BOLD Indicates Concentration Above the NMOCD Regulatory Standard

Legend:
- Monitor Well Location
- Plugged and Abandoned
- Former Excavation Limits
- Fence
- <0.001 Constituent Concentration in mg/L
- (NS) Not Sampled

Figure 3C
Groundwater Concentration and Inferred PSH Extent (08/06/2010)
Plains Marketing, L.P.
TNM98-05A
Lea County, NM
NMOCD Ref# AP-12

NOVA Safety and Environmental

NE1/4 NW1/4 Sec 26 T21S R37E	32° 27' 03.9"N 103° 08' 29.2"W	
Scale: 1" = 40'	CAD By: TA	Checked By: RKR
September 14, 2010		



NOTE:
BOLD Indicates Concentration Above the NMOCD Regulatory Standard

Legend:
- Monitor Well Location
- Plugged and Abandoned
- Former Excavation Limits
- Fence
- <0.001 Constituent Concentration in mg/L
- (NS) Not Sampled

Figure 3D
Groundwater Concentration and Inferred PSH Extent (11/05/2010)
Plains Marketing, L.P.
TNM98-05A
Lea County, NM
NMOCD Ref# AP-12

NOVA Safety and Environmental

NE1/4 NW1/4 Sec 26 T21S R37E	32° 27' 03.9"N 103° 08' 29.2"W	
Scale: 1" = 40'	CAD By: TA	Checked By: RKR
December 10, 2010		

Tables

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-12

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	01/12/10	3391.62	-	47.20	0.00	3,344.42
MW - 1	01/22/10	3391.62	-	47.16	0.00	3,344.46
MW - 1	*02/04/10*	3391.62	-	47.30	0.00	3,344.32
MW - 1	03/03/10	3391.62	-	47.49	0.00	3,344.13
MW - 1	03/16/10	3391.62	-	48.61	0.00	3,343.01
MW - 1	04/15/10	3391.62	-	47.53	0.00	3,344.09
MW - 1	*05/07/10*	3391.62	-	47.49	0.00	3,344.13
MW - 1	05/28/10	3391.62	-	47.61	0.00	3,344.01
MW - 1	06/08/10	3391.62	-	47.53	0.00	3,344.09
MW - 1	06/25/10	3391.62	-	47.49	0.00	3,344.13
MW - 1	07/08/10	3391.62	-	47.56	0.00	3,344.06
MW - 1	07/28/10	3391.62	-	47.51	0.00	3,344.11
MW - 1	*08/06/10*	3391.62	-	47.48	0.00	3,344.14
MW - 1	08/31/10	3391.62	-	47.62	0.00	3,344.00
MW - 1	09/10/10	3391.62	-	47.61	0.00	3,344.01
MW - 1	09/24/10	3391.62	-	47.63	0.00	3,343.99
MW - 1	10/06/10	3391.62	-	47.65	0.00	3,343.97
MW - 1	10/26/10	3391.62	-	47.16	0.00	3,344.46
MW - 1	*11/05/10*	3391.62	-	47.50	0.00	3,344.12
MW - 1	12/17/10	3391.62	-	47.14	0.00	3,344.48
MW - 2	01/12/10	3390.85	-	46.60	0.00	3,344.25
MW - 2	01/22/10	3390.85	-	46.58	0.00	3,344.27
MW - 2	*02/04/10*	3390.85	-	46.68	0.00	3,344.17
MW - 2	03/03/10	3390.85	-	46.89	0.00	3,343.96
MW - 2	03/16/10	3390.85	-	46.90	0.00	3,343.95
MW - 2	04/15/10	3390.85	-	46.91	0.00	3,343.94
MW - 2	*05/07/10*	3390.85	-	46.87	0.00	3,343.98
MW - 2	05/28/10	3390.85	-	46.96	0.00	3,343.89
MW - 2	06/08/10	3390.85	-	46.90	0.00	3,343.95
MW - 2	06/25/10	3390.85	-	46.88	0.00	3,343.97
MW - 2	07/08/10	3390.85	-	46.86	0.00	3,343.99
MW - 2	07/28/10	3390.85	-	46.90	0.00	3,343.95
MW - 2	08/06/10	3390.85	-	46.88	0.00	3,343.97
MW - 2	08/31/10	3390.85	-	46.99	0.00	3,343.86
MW - 2	09/10/10	3390.85	-	46.99	0.00	3,343.86
MW - 2	09/24/10	3390.85	-	46.95	0.00	3,343.90
MW - 2	10/06/10	3390.85	-	46.96	0.00	3,343.89
MW - 2	10/26/10	3390.85	-	46.58	0.00	3,344.27
MW - 2	*11/05/10*	3390.85	-	46.90	0.00	3,343.95
MW - 2	12/17/10	3390.85	-	46.57	0.00	3,344.28
MW - 3	01/12/10	3391.08	-	46.72	0.00	3,344.36
MW - 3	*02/04/10*	3391.08	-	46.78	0.00	3,344.30
MW - 3	03/03/10	3391.08	-	46.99	0.00	3,344.09
MW - 3	04/15/10	3391.08	-	47.09	0.00	3,343.99
MW - 3	*05/07/10*	3391.08	-	47.11	0.00	3,343.97
MW - 3	*08/06/10*	3391.08	-	47.12	0.00	3,343.96
MW - 3	*11/05/10*	3391.08	-	47.14	0.00	3,343.94
MW - 5	01/12/10	3391.53	-	46.87	0.00	3,344.66
MW - 5	*02/04/10*	3391.53	-	46.93	0.00	3,344.60
MW - 5	*05/07/10*	3391.53	-	46.92	0.00	3,344.61
MW - 5	*08/06/10*	3391.53	-	46.92	0.00	3,344.61
MW - 5	*11/05/10*	3391.53	-	46.94	0.00	3,344.59
MW - 6	01/12/10	3391.14	-	47.27	0.00	3,343.87
MW - 6	*02/04/10*	3391.14	-	47.39	0.00	3,343.75
MW - 6	*05/07/10*	3391.14	-	47.33	0.00	3,343.81
MW - 6	*08/06/10*	3391.14	-	47.33	0.00	3,343.81
MW - 6	*11/05/10*	3391.14	-	47.33	0.00	3,343.81

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-12

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	01/12/10	3391.21	-	47.19	0.00	3,344.02
MW - 7	*02/04/10*	3391.21	-	47.30	0.00	3,343.91
MW - 7	*05/07/10*	3391.21	-	47.28	0.00	3,343.93
MW - 7	*08/06/10*	3391.21	-	47.29	0.00	3,343.92
MW - 7	*11/05/10*	3391.21	-	47.28	0.00	3,343.93
MW - 8	01/12/10	3391.14	-	47.18	0.00	3,343.96
MW - 8	*02/04/10*	3391.14	-	47.31	0.00	3,343.83
MW - 8	*05/07/10*	3391.14	-	47.43	0.00	3,343.71
MW - 8	*08/06/10*	3391.14	-	47.42	0.00	3,343.72
MW - 8	*11/05/10*	3391.14	-	47.41	0.00	3,343.73
MW - 9	01/12/10	3391.47	-	47.11	0.00	3,344.36
MW - 9	*02/04/10*	3391.47	-	47.24	0.00	3,344.23
MW - 9	03/03/10	3391.47	-	47.44	0.00	3,344.03
MW - 9	04/15/10	3391.47	-	47.48	0.00	3,343.99
MW - 9	05/07/10	3391.47	-	47.32	0.00	3,344.15
MW - 9	06/25/10	3391.47	-	47.45	0.00	3,344.02
MW - 9	*08/06/10*	3391.47	-	47.31	0.00	3,344.16
MW - 9	*11/05/10*	3391.47	-	47.30	0.00	3,344.17
MW - 10	01/12/10	3391.26	-	47.13	0.00	3,344.13
MW - 10	01/22/10	3391.26	-	47.06	0.00	3,344.20
MW - 10	*02/04/10*	3391.26	-	47.13	0.00	3,344.13
MW - 10	03/03/10	3391.26	-	47.33	0.00	3,343.93
MW - 10	03/16/10	3391.26	-	47.42	0.00	3,343.84
MW - 10	04/15/10	3391.26	-	47.43	0.00	3,343.83
MW - 10	05/07/10	3391.26	-	47.41	0.00	3,343.85
MW - 10	05/28/10	3391.26	-	47.43	0.00	3,343.83
MW - 10	06/08/10	3391.26	-	47.38	0.00	3,343.88
MW - 10	06/25/10	3391.26	-	47.36	0.00	3,343.90
MW - 10	07/08/10	3391.26	-	47.35	0.00	3,343.91
MW - 10	07/28/10	3391.26	-	47.37	0.00	3,343.89
MW - 10	*08/06/10*	3391.26	-	47.41	0.00	3,343.85
MW - 10	08/31/10	3391.26	-	47.44	0.00	3,343.82
MW - 10	09/10/10	3391.26	-	47.49	0.00	3,343.77
MW - 10	09/24/10	3391.26	-	47.37	0.00	3,343.89
MW - 10	10/06/10	3391.26	-	47.35	0.00	3,343.91
MW - 10	10/26/10	3391.26	-	47.06	0.00	3,344.20
MW - 10	*11/05/10*	3391.26	-	47.45	0.00	3,343.81
MW - 10	12/17/10	3391.26	-	47.07	0.00	3,344.19
MW - 11	01/12/10	3390.73	-	46.56	0.00	3,344.17
MW - 11	*02/04/10*	3390.73	-	46.69	0.00	3,344.04
MW - 11	*05/07/10*	3390.73	-	46.66	0.00	3,344.07
MW - 11	*08/06/10*	3390.73	-	46.66	0.00	3,344.07
MW - 11	*11/05/10*	3390.73	-	46.67	0.00	3,344.06

** Complete Historical Tables are provided on the attached CD.*

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER - 2010

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Limit		**0.010**	**0.750**	**0.750**	**0.620**	
MW - 1	02/04/10	**2.300**	<0.100	0.156	<0.100	
MW - 1	05/07/10	**2.940**	<0.100	0.657	<0.100	
MW - 1	08/06/10	**2.760**	<0.050	0.390	0.118	
MW - 1	11/05/10	**2.250**	<0.050	0.435	<0.050	
MW - 2	02/04/10	**0.385**	<0.100	0.217	<0.100	
MW - 2	05/07/10	**1.210**	<0.200	0.494	<0.200	
MW - 2	08/06/10	**0.554**	<0.050	0.447	0.281	
MW - 2	11/05/10	**0.743**	<0.050	0.409	0.480	
MW - 3	02/04/10	<0.001	<0.001	<0.001	<0.001	
MW - 3	05/07/10	<0.001	<0.001	<0.001	<0.001	
MW - 3	08/06/10	<0.001	<0.001	<0.001	<0.001	
MW - 3	11/05/10	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/04/10	Not Sampled due to sample reduction				
MW - 5	05/07/10	<0.001	<0.001	<0.001	<0.001	
MW - 5	08/06/10	Not Sampled due to sample reduction				
MW - 5	11/05/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/04/10	Not Sampled due to sample reduction				
MW - 6	05/07/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/06/10	Not Sampled due to sample reduction				
MW - 6	11/05/10	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/04/10	Not Sampled due to sample reduction				
MW - 7	05/07/10	<0.001	<0.001	<0.001	<0.001	
MW - 7	08/06/10	Not Sampled due to sample reduction				
MW - 7	11/05/10	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/04/10	Not Sampled due to sample reduction				
MW - 8	05/07/10	Not Sampled due to sample reduction				
MW - 8	08/06/10	Not Sampled due to sample reduction				
MW - 8	11/05/10	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/04/10	<0.001	<0.001	0.0100	0.0067	
MW - 9	05/07/10	<0.001	<0.001	0.0095	0.0098	
MW - 9	08/06/10	<0.001	<0.001	0.0076	0.0107	
MW - 9	11/05/10	<0.001	<0.001	<0.001	<0.001	

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER - 2010

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Limit		**0.010**	**0.750**	**0.750**	**0.620**	
MW - 10	02/04/10	**5.490**	<0.100	**1.070**	0.218	
MW - 10	05/07/10	**6.080**	<0.100	**1.130**	**0.700**	
MW - 10	08/06/10	**8.450**	<0.050	**1.180**	0.397	
MW - 10	11/05/10	**5.400**	<0.050	**1.140**	**0.641**	
MW - 11	02/04/10	<0.001	<0.001	<0.001	<0.001	
MW - 11	05/07/10	<0.001	<0.001	<0.001	<0.001	
MW - 11	08/06/10	<0.001	<0.001	<0.001	<0.001	
MW - 11	11/05/10	<0.001	<0.001	<0.001	<0.001	

** Complete Historical Tables are provided on the attached CD.*

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05A
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-12

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																	
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		-	-	-	0.0001 mg/L	0.0007 mg/L	0.0002 mg/L	-	0.0002 mg/L	0.0002 mg/L	0.0003 mg/L	-	-	0.0004 mg/L	-	-	0.03 mg/L			-
MW-1	11/19/08	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.00193	<0.000917	<0.000917	0.0104	<0.000917	0.014	<0.000917	**0.047**	**0.0806**	**0.0587**	0.0152
	11/11/09	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.0110	<0.000917	**0.0257**	**0.0706**	**0.0474**	0.0103
	11/05/10	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	0.0114	<0.00188	0.0250	<0.00188	**0.0407**	**0.138**	**0.0768**	0.0219
MW-2	11/19/08	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.00525	<0.000922	0.00739	<0.000922	**0.0163**	**0.0252**	**0.0335**	0.00806
	11/11/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0114	<0.000922	**0.0488**	**0.0930**	**0.0735**	0.0116
	11/05/10	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	0.00106	<0.000186	0.00238	<0.000186	0.00139	0.0053	0.000936	0.00168
MW-3	11/19/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00022	<0.000184	<0.000184	<0.000184
	11/11/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/05/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/19/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/11/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/05/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/19/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/11/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/05/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/19/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/11/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/05/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/19/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/11/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/05/10	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05A
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-12

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		—	—	—	0.0001 mg/L	0.0007 mg/L	0.0002 mg/L	—	0.0002 mg/L	0.0002 mg/L	0.0003 mg/L	—	—	0.0004 mg/L	—	—	0.03 mg/L			—
MW-9	11/19/08	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	0.00427	<0.000935	0.00553	<0.000935	0.00202	0.00876	0.00297	0.00586
	11/11/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.00358	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922
	11/05/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/19/08	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	0.050	<0.00367	0.0652	<0.00367	**0.175**	**0.412**	**0.380**	0.0765
	11/11/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0101	<0.000922	**0.0474**	**0.0934**	**0.0713**	0.0125
	11/05/10	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	0.00495	<0.000188	0.00732	<0.000188	**0.0358**	**0.0569**	**0.041**	0.00602
MW-11	11/19/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/11/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/05/10	Not Sampled as part of Quarterly Monitoring Event.																		

Appendices

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

District I - (505) 393-6161
P. O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 South First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

98-05A

Form C-141
Originated 2/13/97

Submit 3 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	Contact
Texas-New Mexico Pipe Line Company	Edwin H. Gripp
Address	**Telephone No.**
Box 60028	915-947-9000
Facility Name	**Facility Type**
San Angelo, TX 76906	pipe line

Surface Owner	Mineral Owner	Lease No.
Nadine Owen		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	26	21S	37E					Lea

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered
Sour Crude	38 barrels	4 barrels
Source of Release	**Date and Hour of Occurrence**	**Date and Hour of Discovery**
6" gathering line	Unknown	2/5/98; 10:25 a.m.
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	**If YES, To Whom?**	
	Linda Williams (Clerk #4)	
By Whom?	**Date and Hour**	
Johnny W. Chapman	2/5/98; 3:00 p.m.	
Was a Watercourse Reached? ☐ Yes ☒ No	**If YES, Volume Impacting the Watercourse.**	
	N/A	

If a Watercourse was Impacted, Describe Fully.*
N/A

Describe Cause of Problem and Remedial Action Taken.*
Internal Corrosion
Leak successfully clamped off.

Describe Area Affected and Cleanup Action Taken.*
Approximately 1260 sq.ft. pasture land.
Contaminated soil will be excavated and put on plastic.

Describe General Conditions Prevailing (Temperature, Precipitation, etc.).*
Cloudy; 60 degrees

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: Ed. H. Gripp (man)
Printed Name: Edwin H. Gripp
Title: District Manager
Date: 2/12/98 Phone: 915-947-9000

OIL CONSERVATION DIVISION

Approved by District Supervision
Approval Date: Expiration Date:
Conditions of Approval: Attached ☐

* Attach Additional Sheets If Necessary

Hazardous Waste Section