

1R - 110

Annual GW Mon. REPORTS

DATE:

2008



2008
ANNUAL MONITORING REPORT

RECEIVED
2009 MAR 18 PM 1 27

MONUMENT 2

SW ¼ SW ¼ SECTION 06, TOWNSHIP 20 SOUTH, RANGE 37 EAST
NW ¼ NW ¼ SECTION 07, TOWNSHIP 20 SOUTH, RANGE 37 EAST
LEA COUNTY, NEW MEXICO
PLAINS EMS NUMBER: TNM MONUMENT 2-KNOWN
NMOCD File Number 1R-0110

PREPARED FOR:

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

February 2009

Ronald K. Rounsaville
Project Manager

Brittan K. Byerly, P.G.
President

TABLE OF CONTENTS

INTRODUCTION.....	1
SITE DESCRIPTION AND BACKGROUND INFORMATION.....	1
FIELD ACTIVITIES.....	1
LABORATORY RESULTS.....	2
SUMMARY.....	4
ANTICIPATED ACTIONS.....	5
LIMITATIONS.....	5
DISTRIBUTION.....	7

FIGURES

Figure 1 – Site Location Map

Figure 2A – Inferred Groundwater Gradient Map February 6, 2008

2B – Inferred Groundwater Gradient Map May 6, 2008

2C – Inferred Groundwater Gradient Map August 7, 2008

2D – Inferred Groundwater Gradient Map November 4, 2008

3A – Groundwater Concentration and Inferred PSH Extent Map February 6, 2008

3B – Groundwater Concentration and Inferred PSH Extent Map May 6, 2008

3C – Groundwater Concentration and Inferred PSH Extent Map August 7, 2008

3D – Groundwater Concentration and Inferred PSH Extent Map November 4, 2008

TABLES

Table 1 – 2008 Groundwater Elevation Data

Table 2 – 2008 Concentrations of BTEX and TPH in Groundwater

Table 2 – 2008 Concentrations of PAH in Groundwater

APPENDICES

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

ENCLOSED ON DATA DISK

2008 Annual Monitoring Report

2008 Tables 1, 2 and 3 – Groundwater Elevation, BTEX, TPH and PAH Concentration Data

2008 Figures 1, 2A-2D, and 3A-3D

Electronic Copies of Laboratory Reports

Historic Table 1 and 2 – Groundwater Elevation and BTEX, TPH, PAH Concentration Table

INTRODUCTION

On behalf of Plains Marketing, L.P., (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this 2008 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 May 29, 2004, project management responsibilities for the Monument 2 Site (the site) were assumed by NOVA. The site, formerly the responsibility of Enron Oil Trading and Transportation (EOTT), is now the responsibility of Plains. This report is intended to be viewed as a complete document with text, figures, tables, and appendices. This report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2008 only. However, historic data tables as well as 2008 laboratory analytical reports are provided on the enclosed disk. For reference, a Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted each quarter of 2008 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 sampled as per a NMOCD directive.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The legal description of the site's location is SW ¼ SW ¼ Section 6, Township 20 South, Range 37 East and NW ¼ NW ¼ Section 7, Township 20 South, Range 37 East. No information with respect to the release date, volume of crude oil released and recovered, excavation dimensions or pipeline repair is available as the release at the site occurred while the pipeline was operated by the Texas New Mexico Pipeline Company (TNM). The Release Notification and Corrective Action (Form C-141) is provided as Appendix B. The initial site investigation, consisting of the installation of seven groundwater monitor wells (MW-1 through MW-7) was conducted by previous consultants. Currently, there are eight monitor wells (MW-1 through MW-8) on-site. Figure 2 displays, the location of on-site monitor wells, initial excavation limits, pipelines and other site details.

FIELD ACTIVITIES

Product Recovery Efforts

Based on the gauging data collected during the reporting period, none of the monitor wells exhibited a measurable thickness of PSH with the exception of monitor well MW-2, exhibiting a thickness of 0.02 feet and 0.10 feet during two gauging events conducted in September 2008. PSH data for the 2008 gauging events can be found in Table 1. Approximately 2 gallons (0.04 barrels) of PSH was recovered from the site during the 2008 reporting period. Approximately 52 gallons (1.2 barrels) of PSH have been recovered by manual recovery methods since project inception.

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 NMOCD correspondence dated July 7, 2005

NMOCD Approved Sampling Schedule			
MW-1	Annually	MW-5	Quarterly
MW-2	Quarterly	MW-6	Annually
MW-3	Annually	MW-7	Annually
MW-4	Semi-Annually	MW-8	Quarterly

Quarterly groundwater sampling events conducted this reporting period were performed on February 6, May 6, August 7 and November 4, 2008. 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 disposable polyethylene 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.

Figures 2A through 2D, depict the inferred groundwater gradient, derived from gauging data collected during each quarterly sampling event and surveyed top of casing (TOC) elevations. Groundwater elevation data for 2008 is provided as Table 1. Historic groundwater elevation data beginning at project inception is provided on the enclosed disk.

The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.0031 feet/foot to the south-southeast as measured between the up-gradient and down-gradient monitor wells, MW-3 and MW-1, respectively. This is consistent with data presented on Figures 2A through 2C from earlier in the year. The corrected groundwater elevations ranged between 3,528.25 to 3,529.79 feet above mean sea level, in monitor well MW-5 on November 7, 2008 and in monitor well MW-3 on February 6, 2008, respectively.

LABORATORY RESULTS

Groundwater samples obtained during the quarterly sampling events of 2008 were delivered to TraceAnalysis, Inc. in Midland, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method 8021B, and Polynuclear Aromatic Hydrocarbons (PAH) concentrations by EPA Method 8270C. Monitoring wells containing measurable amounts of PSH were analyzed for Total Petroleum Hydrocarbons (TPH) concentrations by EPA Method 8015M. A listing of BTEX and TPH constituent concentrations for 2008 are summarized in Table 2 and the PAH constituent concentrations for 2008 are summarized in Table 3. Copies of the laboratory reports generated for 2008 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 an annual schedule. Analytical results indicate an ethylbenzene concentration of 0.0012 mg/L during the 4th quarter of the reporting period. Analytical results indicate benzene, toluene, ethylbenzene and xylenes concentrations were below the NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event.

PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-2 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.005 mg/L during the 3rd quarter to 0.0352 mg/L during the 2nd quarter of 2008. Benzene concentrations were above NMOCD regulatory standards of 0.01 mg/L, for the 1st, 2nd and 4th quarters of the reporting period. Toluene concentrations ranged from <0.005 mg/L during the 2nd and 3rd quarters to 0.0054 mg/L during the 1st quarter of 2008. Toluene concentrations were below the NMOCD regulatory standard of 0.75 mg/L during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.0819 mg/L during the 3rd quarter to 0.127 mg/L during the 2nd quarter of 2008. Ethyl-benzene concentrations were below 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 0.0861 mg/L during the 2nd quarter of 2008. Xylene concentrations were below 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 of 1-methylnaphthalene (0.0854 mg/L) and 2-methylnaphthalene (0.0387 mg/L). Additional PAH constituents detected above MDLs include naphthalene (0.0190 mg/L), fluorene (0.0180 mg/L), phenanthrene (0.0236 mg/L), anthracene (0.0033 mg/L) and dibenzofuran (0.0143 mg/L), which are below the WQCC Drinking Water Standards.

Monitor well MW-3 was scheduled to be sampled on an annual basis, but was sampled on a quarterly basis during the current reporting period (as recommended in the 2007 annual report). The analytical results indicated benzene concentrations were above the NMOCD regulatory standard during the 1st and 2nd quarters with benzene concentrations ranging from 0.012 mg/L during the 4th quarter to 0.931 mg/L in the 1st quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory standard in all four quarters of the reporting period, ranging from <0.001 mg/L to <0.005 mg/L. Ethylbenzene concentrations were below the NMOCD regulatory standard in all four quarters of the reporting, ranging from <0.001 mg/L to 0.0058 mg/L. Xylene concentrations were below the NMOCD regulatory standard ranging from <0.001 mg/L to 0.0018 mg/L during the reporting period. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-4 is sampled on a semi-annual schedule and the analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 2nd and 4th quarter sampling events. The analytical results indicate BTEX concentrations have been below NMOCD regulatory standards for the last thirty consecutive sampling events. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for 1-methylnaphthalene (0.0047 mg/L), which are below the WQCC Drinking Water Standards.

Monitor well MW-5 is sampled on quarterly schedule and the analytical results indicate benzene concentrations ranged from <0.005 mg/L during the 3rd quarter to 0.015 mg/L during the 2nd quarter of 2008. Benzene concentrations were below the NMOCD regulatory standard during the 3rd and 4th quarters. Toluene, ethylbenzene and xylene concentrations were below the MDL and NMOCD regulatory standard during all four quarters of the reporting period. PAH

analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for phenanthrene (0.000968 mg/L), which are below the WQCC Drinking Water Standards.

Monitor well MW-6 was scheduled to be sampled on an annual basis, but was sampled on a quarterly basis during the current reporting period (as recommended in the 2007 annual report). The analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the all four quarterly sampling events with the exception of a benzene detection of 0.0018 mg/L exhibited in the 2nd quarter. The analytical results indicate BTEX concentrations have been below NMOCD regulatory standards for the last twenty-six consecutive sampling events. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-7 is sampled on an annual schedule and the analytical results indicate BTEX constituent concentrations were below MDL and NMOCD regulatory standards for the sample collected during the 4th quarter sampling event. The analytical results indicate BTEX concentrations have been below NMOCD regulatory standards for the last twenty-one consecutive sampling events. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-8 is sampled on quarterly schedule and the analytical results indicate benzene concentrations ranged from 0.0683 mg/L during the 1st quarter to 0.1760 mg/L during the 2nd quarter of 2008. Benzene concentrations were above NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations ranged from <0.001 mg/L during the 3rd quarter to 0.0196 mg/L during the 2nd quarter 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 0.109 mg/L during the 3rd quarter to 0.159 mg/L during the 2nd quarter of 2008. Ethyl benzene concentrations were below NMOCD regulatory standard during all four quarters of the reporting period. Xylene concentrations ranged from 0.164 mg/L during the 4th quarter to 0.276 mg/L during the 2nd quarter of 2008. Xylene concentrations were below NMOCD regulatory standard during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for naphthalene (0.00578 mg/L), 1-methylnaphthalene (0.0148 mg/L), 2-methylnaphthalene (0.00568 mg/L), dibenzofuran (0.00266 mg/L), fluorine (0.00235 mg/L), phenanthrene (0.00287 mg/L), chrysene (0.000421 mg/L) and benzo[a]anthracene (0.00027 mg/L), which are below the WQCC Drinking Water Standards.

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 2008 annual monitoring period. Currently, there are eight groundwater monitor wells (MW-1 through MW-8) on-site. The monitor wells are gauged monthly. The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.0031 feet/foot to the southeast.

No PSH recovery was performed this reporting period, due to the lack of a sufficient thickness of recoverable PSH in the wells. Approximately 52 gallons (1.2 barrels) of PSH have been recovered by manual recovery methods since project inception.

Monitor well MW-2 exhibited a PSH thickness of 0.02 feet and 0.10 feet during two gauging events conducted in September 2008. No measurable thicknesses of PSH were reported in any of the site monitor wells during the reporting period.

Benzene is the only BTEX constituent exhibiting concentrations above NMOCD regulatory standards. Benzene concentrations exceeding regulatory guidelines were exhibited in monitor wells MW-2, MW-3, MW-5 and MW-8 in at least two quarterly sampling events and in all four quarterly sampling events for monitor well MW-8. Monitor wells MW-3 and MW-5 are the two most up gradient monitor wells on the Monument #2 release site and both wells did not exhibit benzene concentrations above NMOCD regulatory standards in the last two quarterly sampling events conducted in 2008.

The benzene concentration exhibited in monitor well MW-3 does not appear to be associated with the Monument #2 release and may be the result of an off-site contributor. Plains has identified and documented an historic crude oil release approximately 500 feet up gradient (north) of the Plains Monument #2 release site. The historic release site (located in SW ¼, SW ¼, Section 6, Township 20 South, Range 37 East) exhibits heavy asphaltines in association with a former tank battery and a two-inch gathering line. Based on the presence of the asphaltines, this release does not appear to have been remediated to current NMOCD regulatory standards. The responsible party, date of the release and volume are unknown at this time

ANTICIPATED ACTIONS

Monitor well gauging and groundwater sampling will continue in 2009.

Plains will continue to monitor BTEX constituent concentrations in the on-site monitor wells as per the NMOCD approved sampling schedule with modifications to the sampling schedule whereby revising annual sampling of monitor well MW-3 to a quarterly schedule. In addition, the sampling schedule at monitor well MW-7 will be modified to a semi-annual schedule from the current annual schedule.

A Soil Closure Proposal will be submitted to the NMOCD in the future. The Proposal will report the results of the Soil Investigation Work Plan and propose a strategy to remediate the remaining soil issues at the site.

A 2009 annual monitoring report will be submitted to the NMOCD by April 1, 2010.

LIMITATIONS

NOVA has prepared this 2008 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

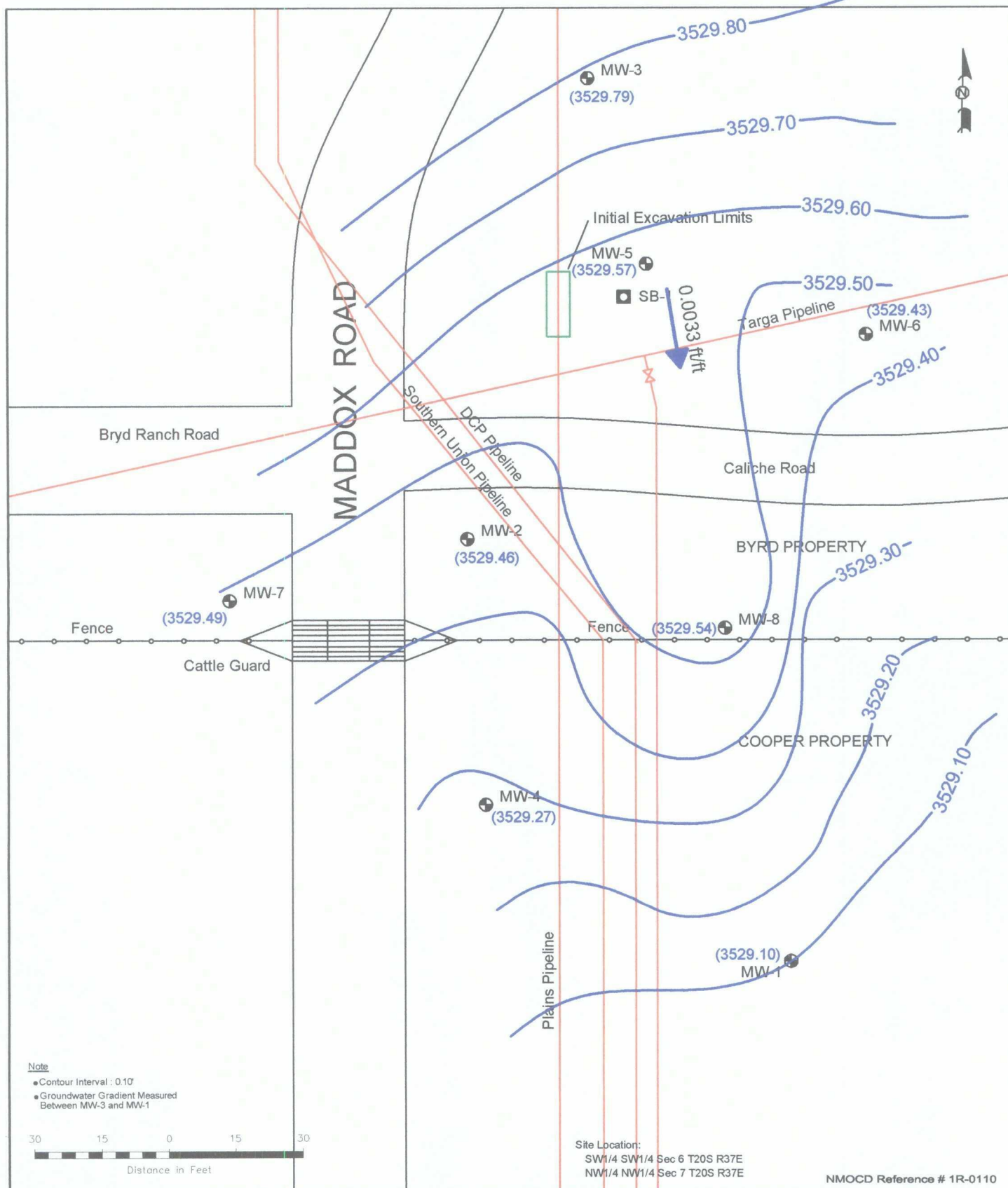
of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. NOVA has prepared this report, in a professional manner, using the degree of skill and care exercised by 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: Jason Henry
Plains Marketing, L.P.
2530 State Highway 214
Denver City, TX 79323
jhenry@paalp.com
- Copy 4: Jeff Dann
Plains Marketing, L.P.
333 Clay Street
Suite 1600
Houston, TX 77002
jpdann@paalp.com
- Copy 5: NOVA Safety and Environmental
2057 Commerce Street
Midland, TX 79703
rrounsaville@novatraining.cc

FIGURES



LEGEND:

- Monitor Well Location
- Pipeline
- Groundwater Elevation Contour Line
- Groundwater Gradient and Magnitude

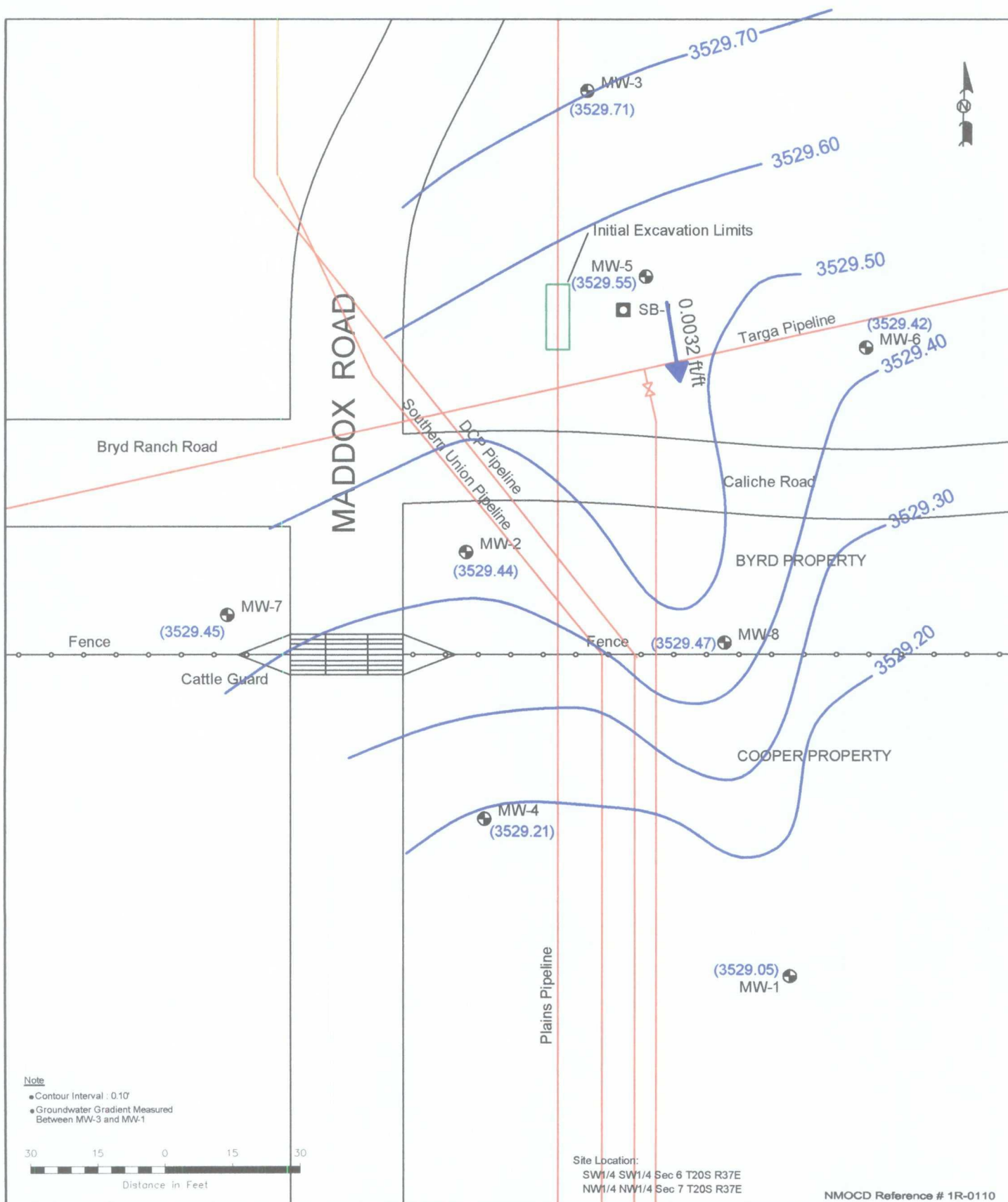
(3529.06) Groundwater Elevation (feet)

Figure 2A
Inferred Groundwater
Gradient Map (02/06/08)
Plains Marketing, L.P.
Monument 2
Lea County, TX

NOVA Safety and Environmental



Scale: 1" = 30' CAD By: MWG Checked By: DGC
January 10, 2009 32° 35' 42.4"N 103° 17' 56.5"W



LEGEND:

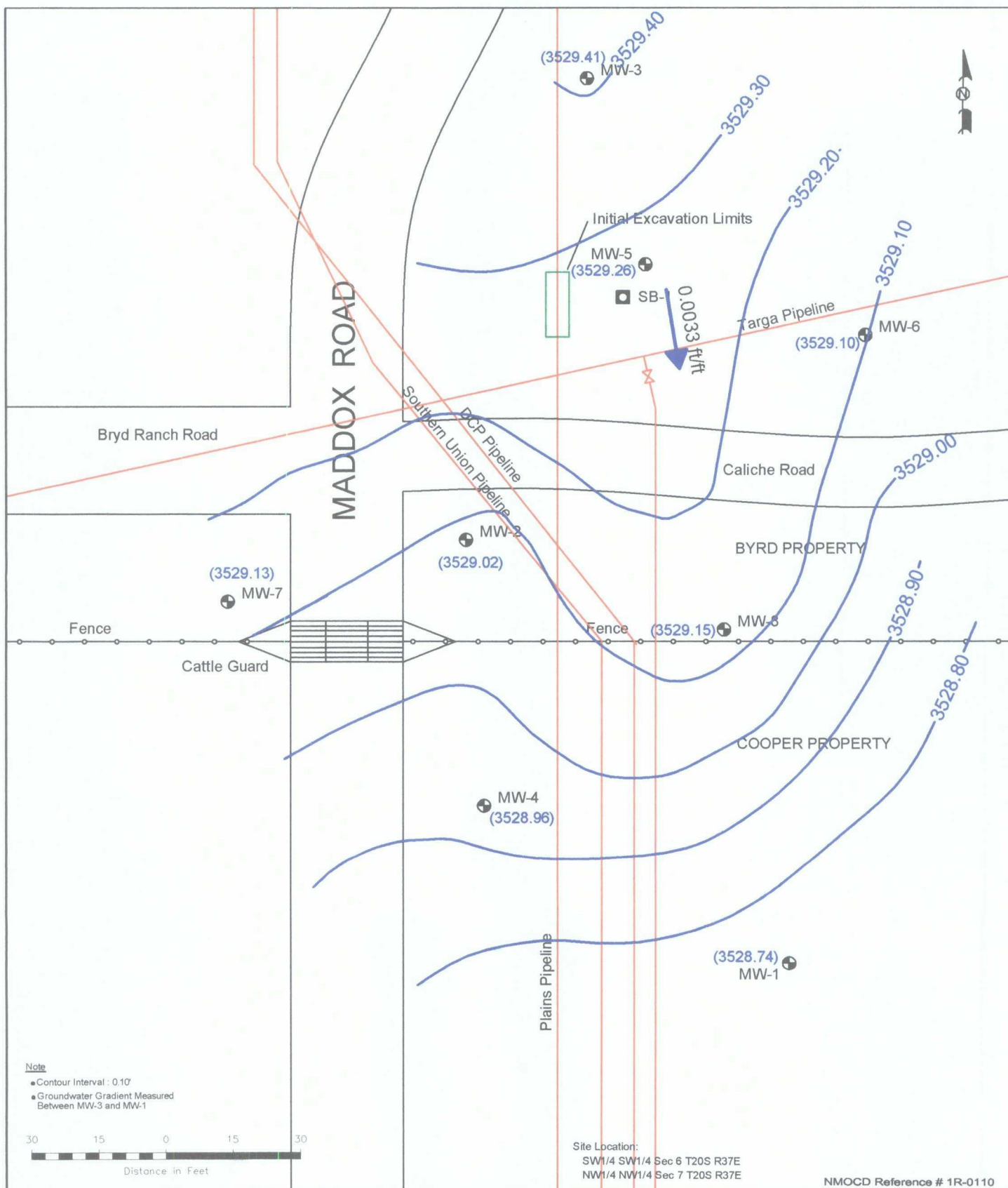
- Monitor Well Location
- Pipeline
- Groundwater Elevation Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude

Figure 2B
 Inferred Groundwater
 Gradient Map (05/06/08)
 Plains Marketing, L.P.
 Monument 2
 Lea County, TX

NOVA Safety and Environmental



Scale: 1" = 30'	CAD By: MWG	Checked By: DGC
January 15, 2009	32° 35' 42.4"N 103° 17' 56.5"W	



LEGEND:

- Monitor Well Location
- Pipeline
- Groundwater Elevation Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude

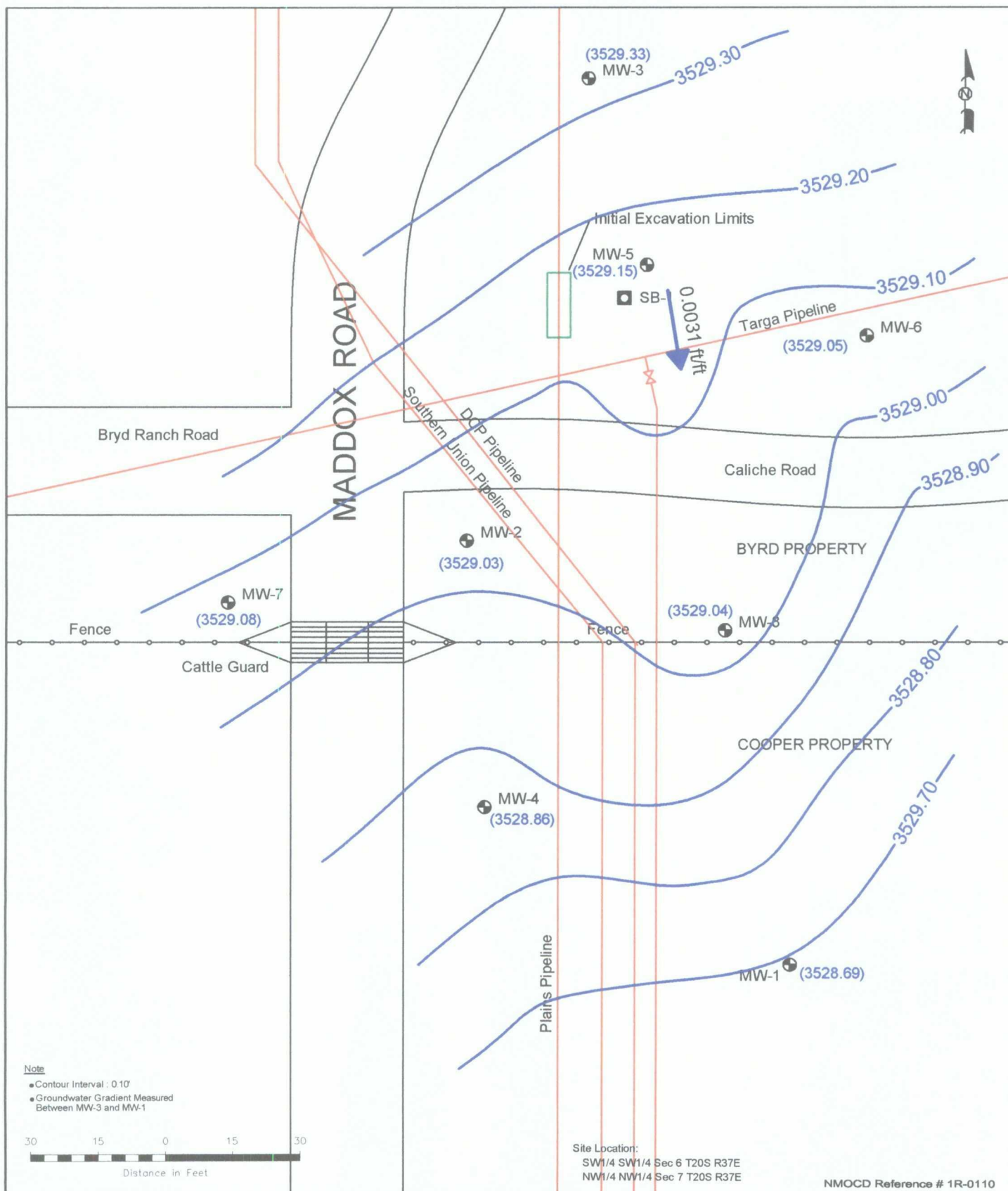
(3529.08) Groundwater Elevation (feet)

Figure 2C
Inferred Groundwater
Gradient Map (08/07/08)
Plains Marketing, L.P.
Monument 2
Lea County, TX

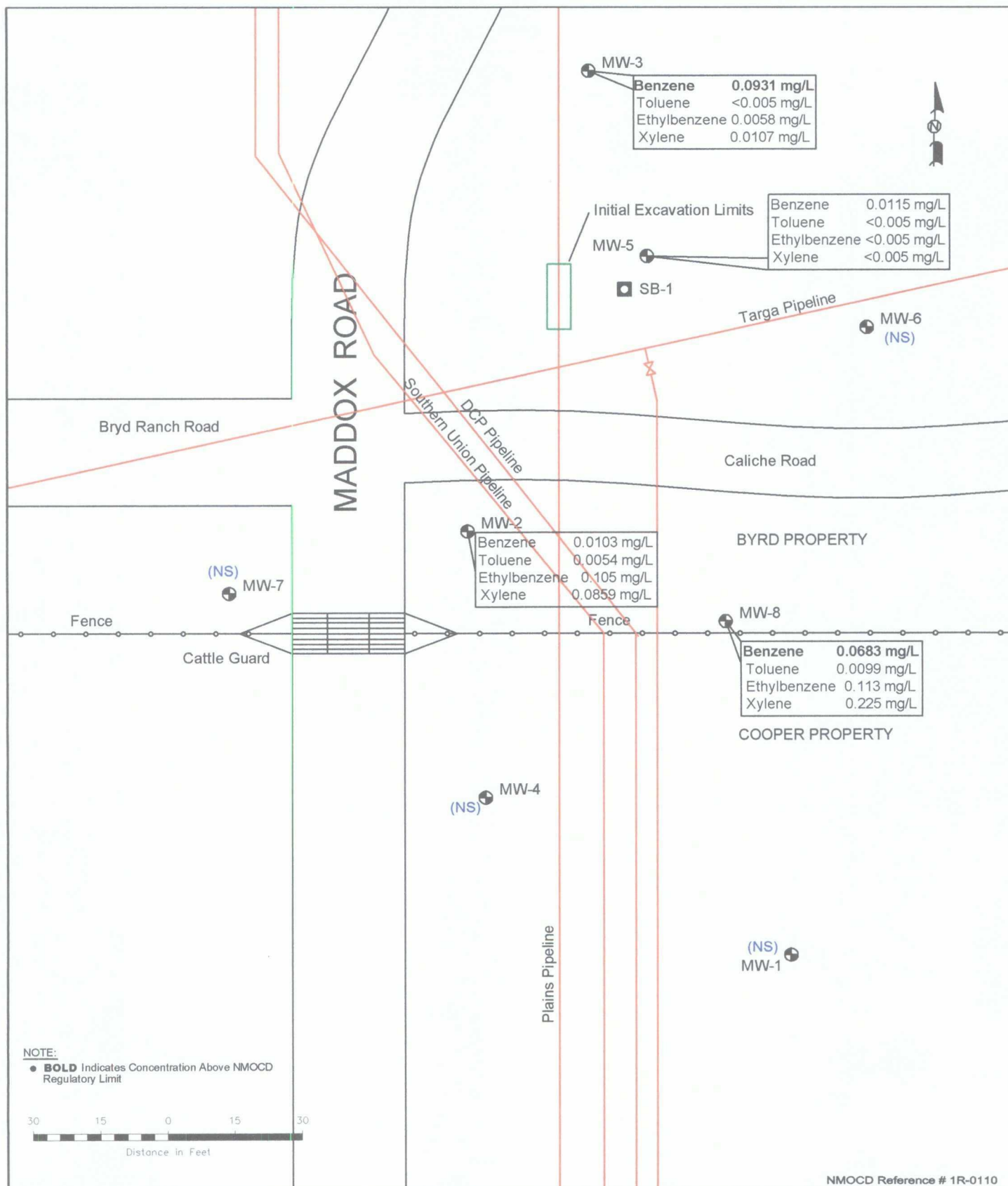


NOVA Safety and Environmental

Scale: 1" = 30'	CAD By: MWG	Checked By: DGC
January 16, 2009	32° 35' 42.4"N 103° 17' 56.5"W	



LEGEND: ● Monitor Well Location — Pipeline — Groundwater Elevation Contour Line 0.001 ft/ft Groundwater Gradient and Magnitude		Figure 2D Inferred Groundwater Gradient Map (11/04/08) Plains Marketing, L.P. Monument 2 Lea County, TX		NOVA Safety and Environmental Scale: 1" = 30' CAD By: MWG Checked By: RKR January 15, 2009 32° 35' 42.4"N 103° 17' 56.5"W	
---------------------------------------------------------------------------------------------------------------------------------------------------	--	----------------------------------------------------------------------------------------------------------------------------	--	----------------------------------------------------------------------------------------------------------------------------------------	--



LEGEND:

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

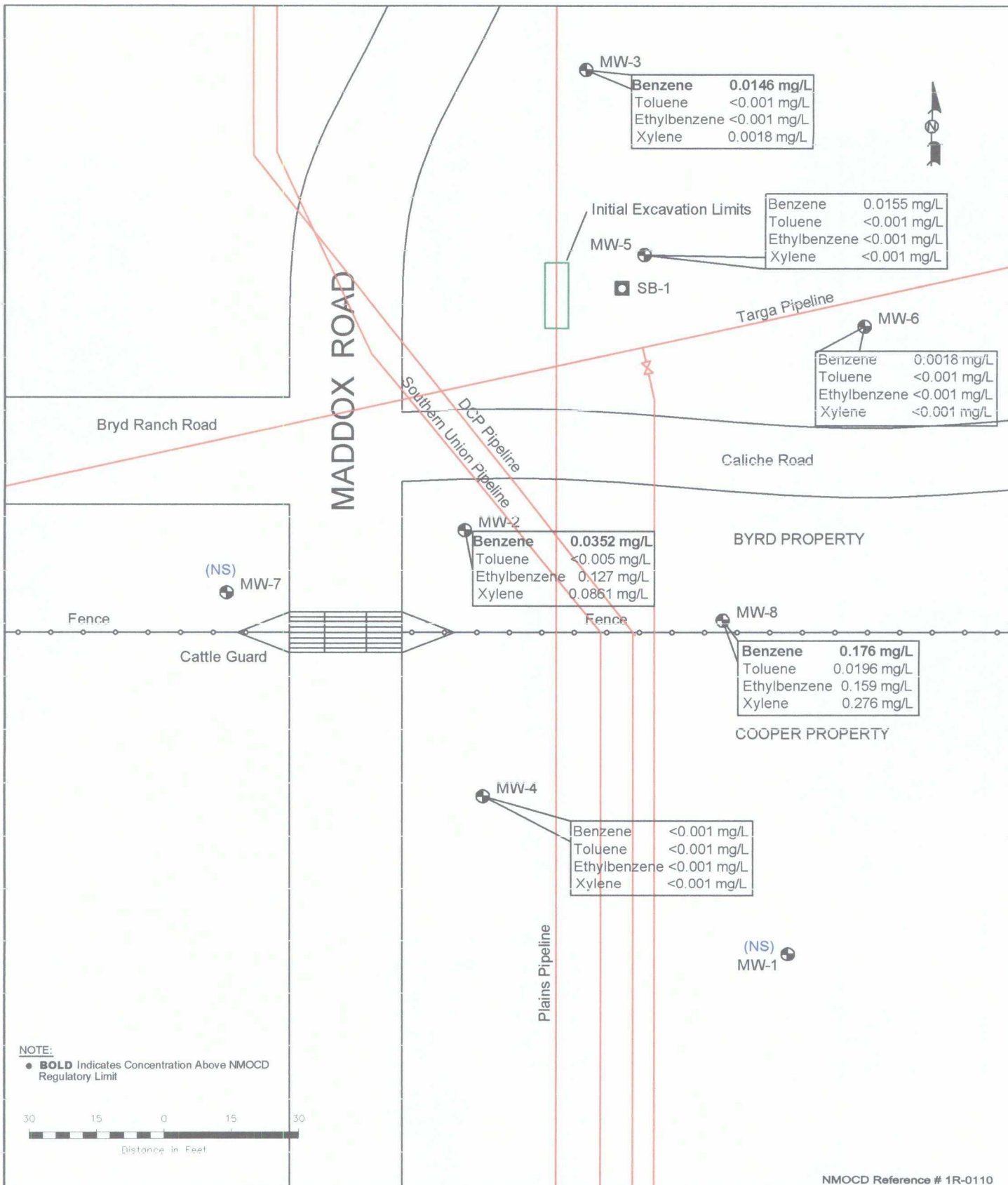
Site Location:
 SW1/4 SW1/4 Sec 6 T20S R37E
 NW1/4 NW1/4 Sec 7 T20S R37E
 32° 35' 42.4"N
 103° 17' 56.5"W

Figure 3A
 Groundwater Concentration
 and Inferred PSH Extent
 Map (02/06/08)
 Plains Marketing, LP
 Monument 2
 Lea County, TX

NOVA Safety and Environmental



Scale: 1" = 30' CAD By: DGC Checked By: CDS
 October 08, 2008



MW-3

Benzene	0.0146 mg/L
Toluene	<0.001 mg/L
Ethylbenzene	<0.001 mg/L
Xylene	0.0018 mg/L

Initial Excavation Limits

Benzene	0.0155 mg/L
Toluene	<0.001 mg/L
Ethylbenzene	<0.001 mg/L
Xylene	<0.001 mg/L

SB-1

MW-6

Benzene	0.0018 mg/L
Toluene	<0.001 mg/L
Ethylbenzene	<0.001 mg/L
Xylene	<0.001 mg/L

MW-2

Benzene	0.0352 mg/L
Toluene	<0.005 mg/L
Ethylbenzene	0.127 mg/L
Xylene	0.0861 mg/L

MW-8

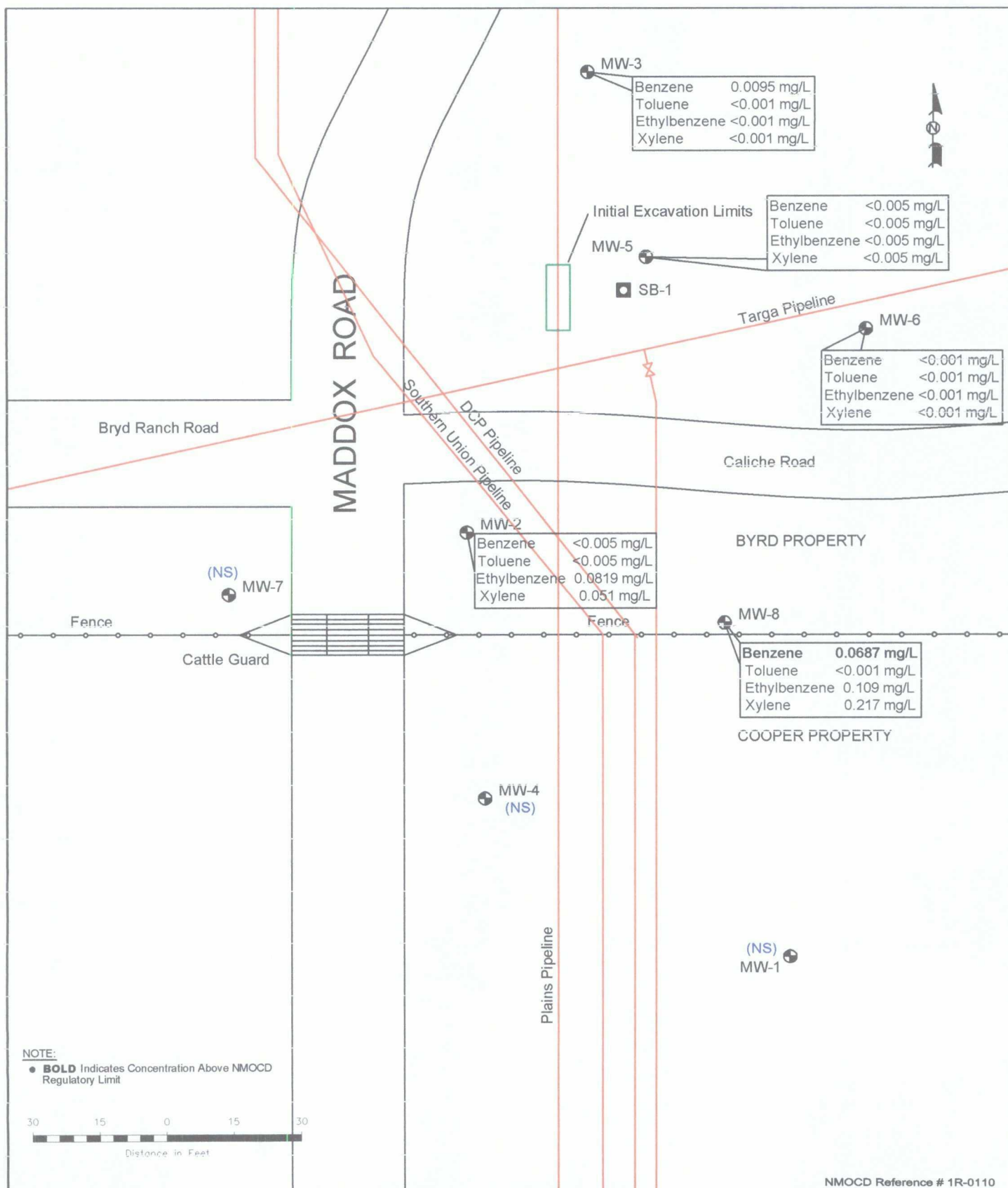
Benzene	0.176 mg/L
Toluene	0.0196 mg/L
Ethylbenzene	0.159 mg/L
Xylene	0.276 mg/L

MW-4

Benzene	<0.001 mg/L
Toluene	<0.001 mg/L
Ethylbenzene	<0.001 mg/L
Xylene	<0.001 mg/L

(NS) MW-1

(NS) MW-7



LEGEND:

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

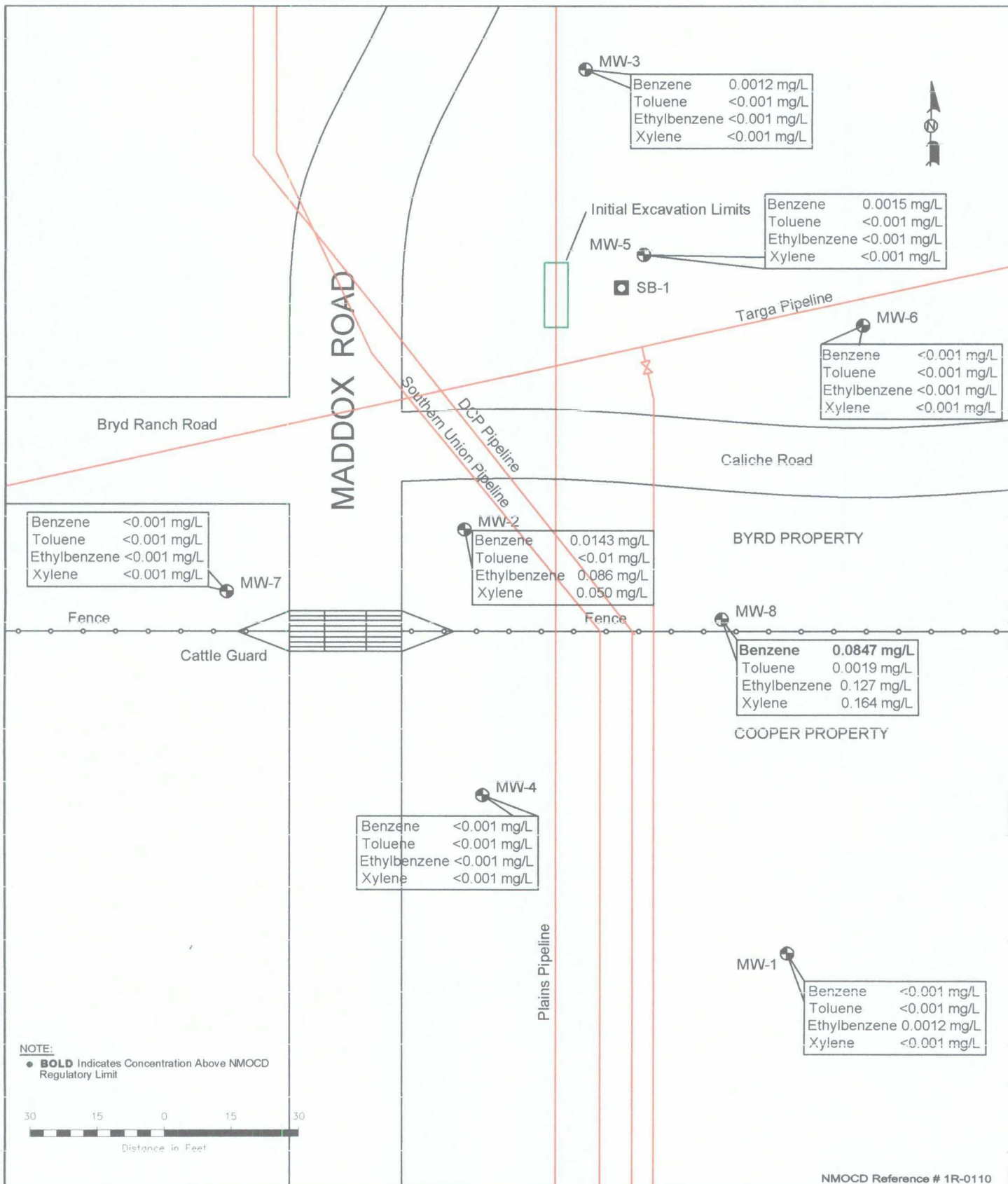
Site Location:
SW1/4 SW1/4 Sec 6 T20S R37E
NW1/4 NW1/4 Sec 7 T20S R37E
32° 35' 42.4"N
103° 17' 56.5"W

Figure 3C
Groundwater Concentration
and Inferred PSH Extent
Map (08/07/08)
Plains Marketing, LP
Monument 2
Lea County, TX

NOVA Safety and Environmental



Scale: 1" = 30'
October 08, 2008
CAD By: DGC
Checked By: CDS



TABLES

TABLE 1

2008 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	02/06/08	3,560.60	-	31.50	0.00	3529.10
MW - 1	05/06/08	3,560.60	-	31.55	0.00	3529.05
MW - 1	08/07/08	3,560.60	-	31.86	0.00	3528.74
MW - 1	11/04/08	3,560.60	-	31.91	0.00	3528.69
MW - 2	02/06/08	3,561.14	-	31.68	0.00	3529.46
MW - 2	05/06/08	3,561.14	-	31.70	0.00	3529.44
MW - 2	08/07/08	3,561.14	-	32.12	0.00	3529.02
MW - 2	09/12/08	3,561.14	32.02	32.12	0.10	3529.11
MW - 2	09/25/08	3,561.14	32.10	32.12	0.02	3529.04
MW - 2	09/30/08	3,561.14	-	32.11	0.00	3529.03
MW - 2	10/07/08	3,561.14	-	32.14	0.00	3529.00
MW - 2	10/15/08	3,561.14	-	32.19	0.00	3528.95
MW - 2	10/22/08	3,561.14	-	32.17	0.00	3528.97
MW - 2	10/31/08	3,561.14	-	32.19	0.00	3528.95
MW - 2	11/04/08	3,561.14	-	32.11	0.00	3529.03
MW - 2	11/07/08	3,561.14	-	32.11	0.00	3529.03
MW - 2	11/14/08	3,561.14	-	32.12	0.00	3529.02
MW - 2	11/21/08	3,561.14	-	32.34	0.00	3528.80
MW - 2	11/24/08	3,561.14	-	32.05	0.00	3529.09
MW - 2	12/03/08	3,561.14	-	29.22	0.00	3531.92
MW - 3	02/06/08	3,560.39	-	30.60	0.00	3529.79
MW - 3	05/06/08	3,560.39	-	30.68	0.00	3529.71
MW - 3	08/05/08	3,560.39	-	30.98	0.00	3529.41
MW - 3	08/07/08	3,560.39	-	30.98	0.00	3529.41
MW - 3	11/04/08	3,560.39	-	31.06	0.00	3529.33
MW - 4	02/06/08	3,561.08	-	31.81	0.00	3529.27
MW - 4	05/06/08	3,561.08	-	31.87	0.00	3529.21
MW - 4	08/07/08	3,561.08	-	32.12	0.00	3528.96
MW - 4	11/04/08	3,561.08	-	32.22	0.00	3528.86
MW - 5	02/06/08	3,560.20	-	30.63	0.00	3529.57
MW - 5	05/06/08	3,560.20	-	30.65	0.00	3529.55
MW - 5	08/07/08	3,560.20	-	30.94	0.00	3529.26
MW - 5	09/12/08	3,560.20	-	31.04	0.00	3529.16
MW - 5	09/30/08	3,560.20	-	31.05	0.00	3529.15
MW - 5	10/07/08	3,560.20	-	31.09	0.00	3529.11
MW - 5	10/15/08	3,560.20	-	31.14	0.00	3529.06
MW - 5	10/22/08	3,560.20	-	31.12	0.00	3529.08
MW - 5	10/31/08	3,560.20	-	31.09	0.00	3529.11
MW - 5	11/04/08	3,560.20	-	31.05	0.00	3529.15
MW - 5	11/07/08	3,560.20	-	31.95	0.00	3528.25

TABLE 1

2008 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 MONUMENT 2
 LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 5	11/14/08	3,560.20	-	31.15	0.00	3529.05
MW - 5	11/21/08	3,560.20	-	31.70	0.00	3528.50
MW - 5	11/24/08	3,560.20	-	31.01	0.00	3529.19
MW - 5	12/03/08	3,560.20	-	30.99	0.00	3529.21
MW - 6	02/06/08	3,560.32	-	30.89	0.00	3529.43
MW - 6	05/06/08	3,560.32	-	30.90	0.00	3529.42
MW - 6	08/07/08	3,560.32	-	31.22	0.00	3529.10
MW - 6	11/04/08	3,560.32	-	31.27	0.00	3529.05
MW - 7	02/06/08	3,561.07	-	31.58	0.00	3529.49
MW - 7	05/06/08	3,561.07	-	31.62	0.00	3529.45
MW - 7	08/07/08	3,561.07	-	31.94	0.00	3529.13
MW - 7	11/04/08	3,561.07	-	31.99	0.00	3529.08
MW - 8	02/06/08	3,561.07	-	31.53	0.00	3529.54
MW - 8	05/06/08	3,561.07	-	31.60	0.00	3529.47
MW - 8	08/05/08	3,561.07	-	31.91	0.00	3529.16
MW - 8	08/07/08	3,561.07	-	31.92	0.00	3529.15
MW - 8	09/25/08	3,561.07	-	32.05	0.00	3529.02
MW - 8	11/04/08	3,561.07	-	32.03	0.00	3529.04

* Complete Historical Tables are provided on the attached CD.

TABLE 2

2008 - CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 MONUMENT 2
 LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT		0.01	0.75	0.750	0.620	
MW - 1	02/06/08	Not Sampled on Current Sample Schedule				
MW - 1	05/06/08	Not Sampled on Current Sample Schedule				
MW - 1	08/07/08	Not Sampled on Current Sample Schedule				
MW - 1	11/04/08	<0.001	<0.001	0.00120	<0.001	
MW - 2	02/06/08	0.0103	0.0054	0.105	0.0859	
MW - 2	05/06/08	0.0352	<0.005	0.127	0.0861	
MW - 2	08/07/08	<0.005	<0.005	0.0819	0.051	
MW - 2	11/04/08	0.0143	<0.0100	0.0861	0.050	
MW - 3	02/06/08	0.0931	<0.005	0.0058	0.0107	
MW - 3	05/06/08	0.0146	<0.001	<0.001	0.0018	
MW - 3	08/07/08	0.0095	<0.001	<0.001	<0.001	
MW - 3	11/04/08	0.0012	<0.001	<0.001	<0.001	
MW - 4	02/06/08	Not Sampled on Current Sample Schedule				
MW - 4	05/06/08	<0.001	<0.001	<0.001	<0.001	
MW - 4	08/07/08	Not Sampled on Current Sample Schedule				
MW - 4	11/04/08	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/06/08	0.0115	<0.005	<0.005	<0.005	
MW - 5	05/06/08	0.0155	<0.001	<0.001	<0.001	
MW - 5	08/07/08	<0.005	<0.005	<0.005	<0.005	
MW - 5	11/04/08	0.0015	<0.001	<0.001	<0.001	
MW - 6	02/19/08	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/06/08	0.0018	<0.001	<0.001	<0.001	
MW - 6	08/07/08	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/04/08	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/19/08	Not Sampled on Current Sample Schedule				
MW - 7	05/06/08	Not Sampled on Current Sample Schedule				
MW - 7	08/07/08	Not Sampled on Current Sample Schedule				
MW - 7	11/04/08	<0.001	<0.001	<0.001	<0.001	
MW-8	02/06/08	0.0683	0.0099	0.113	0.225	
MW-8	05/06/08	0.1760	0.0196	0.159	0.276	
MW-8	08/07/08	0.0687	<0.001	0.109	0.217	
MW-8	11/04/08	0.0847	0.0019	0.127	0.164	

* Complete Historical Tables are provided on the attached CD.

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER - 2008

PLAINS MARKETING, L.P.
MONUMENT 2

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER 1R-0110

All water concentrations are reported in mg/L

EPA SW846-8270C, 3510

SAMPLE LOCATION	SAMPLE DATE	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	Indeno[1,2,3-cd]pyrene	Naphthalene	Phenanthrene	Pyrene	1-Methylanthracene	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	—	—	—	0.03 mg/L	—
MW-1	11/04/08	<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
MW-2	11/04/08	<0.000185	<0.000185	0.0033	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.018	<0.000185	0.019	0.0236	<0.000185	0.0854	0.0387	0.0143
MW-3	11/04/08	<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
MW-4	11/04/08	<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	0.000698	<0.000184	<0.000184
MW-5	11/04/08	<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	0.000968	<0.000917	<0.000917	<0.000917	<0.000917
MW-6	11/04/08	<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
MW-7	11/04/08	<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
MW-8	11/04/08	<0.000184	<0.000184	<0.000184	0.00027	<0.000184	<0.000184	<0.000184	<0.000184	0.000421	<0.000184	0.00235	<0.000184	0.00578	0.00287	<0.000184	0.0148	0.00568	0.00266

APPENDICES

APPENDIX A:
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

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

x Initial Report ☐ Final Report

Name of Company	Plains Pipeline, LP	Contact:	Camille Reynolds
Address:	3705 E. Hwy 158, Midland, TX 79706	Telephone No.	505-441-0965
Facility Name	Monument # 2	Facility Type:	Pipeline

Surface Owner:	Mineral Owner	Lease No.
BLM, Jim T Cooper		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	6	20S	37E					Lea

Latitude 32 degrees, 35' 42.4" **Longitude** 32 degrees, 17' 56.5"

NATURE OF RELEASE

Type of Release:	Volume of Release:	Volume Recovered
Source of Release:	Date and Hour of Occurrence	Date and Hour of Discovery
	Unknown	
Was Immediate Notice Given?	If YES, To Whom?	
Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required		
By Whom?	Date and Hour	
Was a Watercourse Reached?	If YES, Volume Impacting the Watercourse.	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Describe Area Affected and Cleanup Action Taken.*

NOTE: Texas-New Mexico Pipeline was the owner/operator of the pipeline system at the time of the release, initial response information is unavailable.

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.

		OIL CONSERVATION DIVISION	
Signature:	Approved by District Supervisor:		
Printed Name: Camille Reynolds			
Title: Remediation Coordinator	Approval Date:	Expiration Date:	
E-mail Address: cjreynolds@paalp.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 3/21/2005	Phone: (505)441-0965		

* Attach Additional Sheets If Necessary