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Annual GW Mon. REPORTS

DATE:

2008



2008
ANNUAL MONITORING REPORT

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LF-59
LEA COUNTY, NEW MEXICO
NW ¼ SW ¼ SECTION 32, TOWNSHIP 19 SOUTH, RANGE 37 EAST
PLAINS SRS NUMBER: TNM-LF-59
NMOCD FILE NUMBER: 1R-0103

Prepared For:

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333 CLAY STREET, SUITE 1600
HOUSTON, TEXAS 77002



Prepared By:

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Midland, Texas 79703

February 2009

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Project Manager

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President

TABLE OF CONTENTS

INTRODUCTION	1
SITE DESCRIPTION AND BACKGROUND INFORMATION.....	1
FIELD ACTIVITIES	2
LABORATORY RESULTS	3
SUMMARY	5
ANTICIPATED ACTIONS	6
LIMITATIONS	6
DISTRIBUTION.....	7

FIGURES

Figure 1 – Site Location Map

Figure 2A – Inferred Groundwater Gradient Map – February 18, 2008

2B – Inferred Groundwater Gradient Map – May 12, 2008

2C – Inferred Groundwater Gradient Map – August 8, 2008

2D – Inferred Groundwater Gradient Map – November 7, 2008

Figure 3A – Groundwater Concentration and Inferred PSH Extent Map – February 18, 2008

3B – Groundwater Concentration and Inferred PSH Extent Map – May 12, 2008

3C – Groundwater Concentration and Inferred PSH Extent Map – August 8, 2008

3D – Groundwater Concentrations and Inferred PSH Extent Map – November 7, 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 Tables

Historic Table 1 and 2 – Groundwater Elevation and BTEX, TPH, PAH 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 May 29, 2004, project management responsibilities were assumed by NOVA. The LF-59 Pipeline Release Site (the site), which was formerly the responsibility of Enron Oil Trading and Transportation (EOTT), is now the responsibility of Plains. The Release Notification and Corrective Action Form (C-141) is provided as Appendix A. 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 2008 only. However, historic data tables as well as 2008 laboratory analytical reports are provided on the enclosed disk. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during each quarter of 2008 to assess the levels and extent of dissolved phase constituents and Phase Separated Hydrocarbon (PSH). Each groundwater monitoring event consisted of measuring static water levels in monitor wells, checking for the presence of PSH on the water column 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 LF-59 Site occurred as two separate releases of unknown volumes on unknown dates. The release occurred from an 8-inch pipeline and was attributed to structural failure associated with internal pipeline corrosion. Approximately 6,900 cubic yards of impacted soil was excavated, sorted, shredded and combined with fertilizer to enhance bioremediation rates. Approximately 550 cubic yards of caliche rock was also stockpiled on-site as a result of the previously referenced soil treatment activity. The soil was spread onto an on-site treatment cell for aeration in March 2003. Soil in the treatment cell was sampled for baseline concentrations of Total Petroleum Hydrocarbon (TPH) and Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations using EPA Methods 8015M and 8260b, respectively. The treatment cell was resampled on September 7, 2005. Analytical results of this sampling event indicate Total Petroleum Hydrocarbons (TPH) concentrations have decreased to levels ranging between <50 to 115 mg/Kg total TPH.

A *Soil Closure Strategy and Site Restoration Work Plan* (Work Plan) was submitted to the NMOCD in July 2006. The Work Plan proposed soil remediation activities intended to progress the site toward an NMOCD approved closure.

On September 20, 2007, Plains received approval from the NMOCD to commence the activities outlined in the Work Plan. Following the completion of the soil remediation activities, a *Soil Closure Request* dated February 2008 was submitted to the NMOCD for approval. On February 19, 2008, Plains received an email from the NMOCD approving the *Soil Closure Request* at the LF-59 release site.

As required by the NMOCD, groundwater monitoring and sampling has continued at the site.

Currently, eight groundwater monitor wells (MW-1 through MW-8) are on-site. Site access was restricted by the surface lessee during 2003 and was allowed to resume in 2004.

FIELD ACTIVITIES

Product Recovery Efforts

During the 2008 reporting period, PSH was periodically detected in monitor well MW-4 during the 2nd and 3rd quarters of the reporting period. Approximately two gallons of PSH was recovered from monitor well MW-4 during the reporting period. Approximately 60 gallons (approximately 1.4 barrels) of PSH have been recovered from this site 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.

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

The site monitor wells were gauged and sampled on the following dates: February 18, May 12, August 8, and November 7, 2008. During each sampling event, sampled monitor wells were purged of a minimum of three well volumes of water or until the wells failed to produce water using a PVC bailer or electric 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 at a licensed disposal facility.

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during the four quarterly monitoring events, are depicted on Figures 2A through 2D, the Inferred Groundwater Gradient Maps. Groundwater elevation data for 2008 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 0.018 feet/foot to the southwest as measured between groundwater monitor wells MW-5 and MW-7. This is consistent with data presented on Figures 2A and 2B from earlier in the year. The corrected groundwater elevations ranged between 3,546.56 and 3,553.57 feet above mean sea level, in MW-7 on August 8, 2008 and MW-5 on February 18, 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 a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0375 mg/L during the 4th quarter to 0.117 mg/L during the 1st quarter of the reporting period. Benzene concentrations were above the NMOCD regulatory standard of 0.01 mg/L during all four quarters of 2008. Toluene concentrations were below laboratory method detection limits (MDL) and NMOCD regulatory standard of 0.75 mg/L during all four quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0054 mg/L during the 2nd quarter to 0.0310 mg/L during the 3rd quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory standard of 0.75 mg/L during all four quarters of 2008. Xylene concentrations ranged from 0.0049 mg/L during the 4th quarter to 0.0326 mg/L during the 3rd quarter of the reporting period. Xylene concentrations were below NMOCD during all four quarters of 2008. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for naphthalene (0.00214 mg/L), 1-methylnaphthalene (0.00479 mg/L), 2-methylnaphthalene (0.00232 mg/L), fluorine (0.0006 mg/L), and phenanthrene (0.000691 mg/L), which are below the WQCC standards.

Monitor well MW-2 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 2nd, 3rd and 4th quarters to 0.0014 mg/L during the 1st quarter of the reporting period. Benzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standard during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.001 mg/L during the 2nd, 3rd and 4th quarters to 0.0017 mg/L during the 1st quarter of the reporting period. Ethylbenzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 3rd and 4th quarters to 0.0033 mg/L during the 1st quarter of the reporting period. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-one consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-3 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standard for each constituent during the 4th quarter sampling event. The analytical results indicate BTEX

constituent concentrations have been below NMOCD regulatory standards for the last thirty-one consecutive quarters. 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 quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 1st and 3rd quarters to 0.0088 mg/L during the 4th quarter of the reporting period. Benzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Toluene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 3rd quarters to 0.0213 mg/L during the 4th quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 3rd quarters to 0.0052 mg/L during the 4th quarter of the reporting period. Ethylbenzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 3rd quarters to 0.0256 mg/L during the 4th quarter of the reporting period. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for naphthalene (0.000684 mg/L), 1-methylnaphthalene (0.00413 mg/L), 2-methylnaphthalene (0.000546 mg/L), dibenzofuran (0.00128 mg/L), fluorine (0.00207 mg/L), and phenanthrene (0.00103 mg/L), which are below the WQCC standards.

Please note a PSH thickness of 0.06 feet and 0.05 feet was reported in monitor well MW-4 during the 2nd and 3rd quarters of the reporting period. Monitor well MW-4 was sampled in the 2nd and 3rd quarters based on historic analytical results, which historically indicated groundwater samples collected from monitor well MW-4 and the measurable PSH observed in this well have not resulted in the elevation of BTEX constituent concentrations above the NMOCD regulatory standard.

Monitor well MW-5 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standard for each constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-seven consecutive quarters. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last thirty-one consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-6 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standard for each constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-five consecutive quarters. 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 a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standard for each

constituent during the 2nd and 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-five consecutive quarters. 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 a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standard for all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last fourteen consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

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

Eight groundwater monitor wells (MW-1 through MW-8) are currently on-site. During the 2008 reporting period, a measurable thickness of PSH was periodically reported in monitor well MW-4 during the 2nd and 3rd sampling events.

Approximately two gallons of PSH was recovered from monitor well MW-4 during the reporting period. Approximately 60 gallons (approximately 1.4 barrels) of PSH have been recovered from this site since project inception.

The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.018 feet/foot to the southwest as measured between groundwater monitor wells MW-5 and MW-7. This is consistent with data presented on Figures 2A and 2B from earlier in the year.

A review of the laboratory analytical results for groundwater samples collected during the reporting period indicates benzene concentrations were above the NMOCD regulatory standard and toluene, ethylbenzene and xylene concentrations were below NMOCD regulatory standards in monitor well MW-1 only. All other monitor well groundwater samples exhibited BTEX constituent concentrations below the NMOCD regulatory standard during the reporting period.

Dissolved phase impact above the NMOCD regulatory standard appears to be limited to monitor well MW-1. Based on the analytical results from groundwater samples collected from monitor well MW-4, the measurable PSH observed periodically in this well has not resulted in the elevation of BTEX constituent concentrations above the NMOCD regulatory standard during the 2008 reporting period.

ANTICIPATED ACTIONS

Plains submitted a request to the NMOCD in March, 2008 to approve the plugging and abandoning of monitor well MW-6. To date, Plains has not received a reply from the NMOCD on this request.

Groundwater monitoring and quarterly sampling will continue through 2009. An annual groundwater monitoring report will be submitted by April 1, 2010. Soil remediation activities are completed at the site and the NMOCD agreed to close the soil issue on February 12, 2007.

LIMITATIONS

NOVA has prepared this Annual Monitoring Report to the best of its ability. No other warranty, expressed or implied, is made or intended.

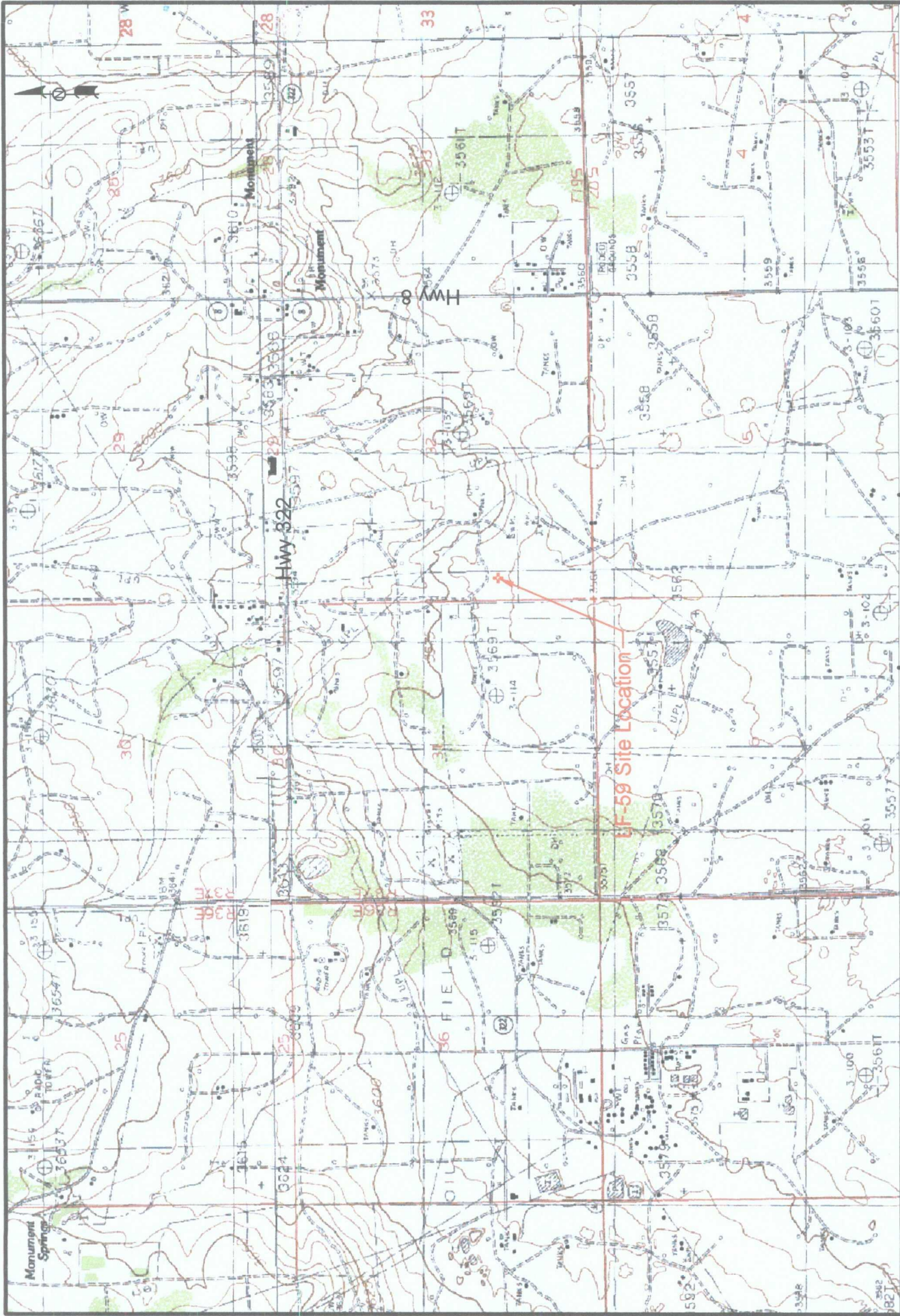
NOVA has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. NOVA has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that 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

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rrounsaville@novatraining.cc

FIGURES



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

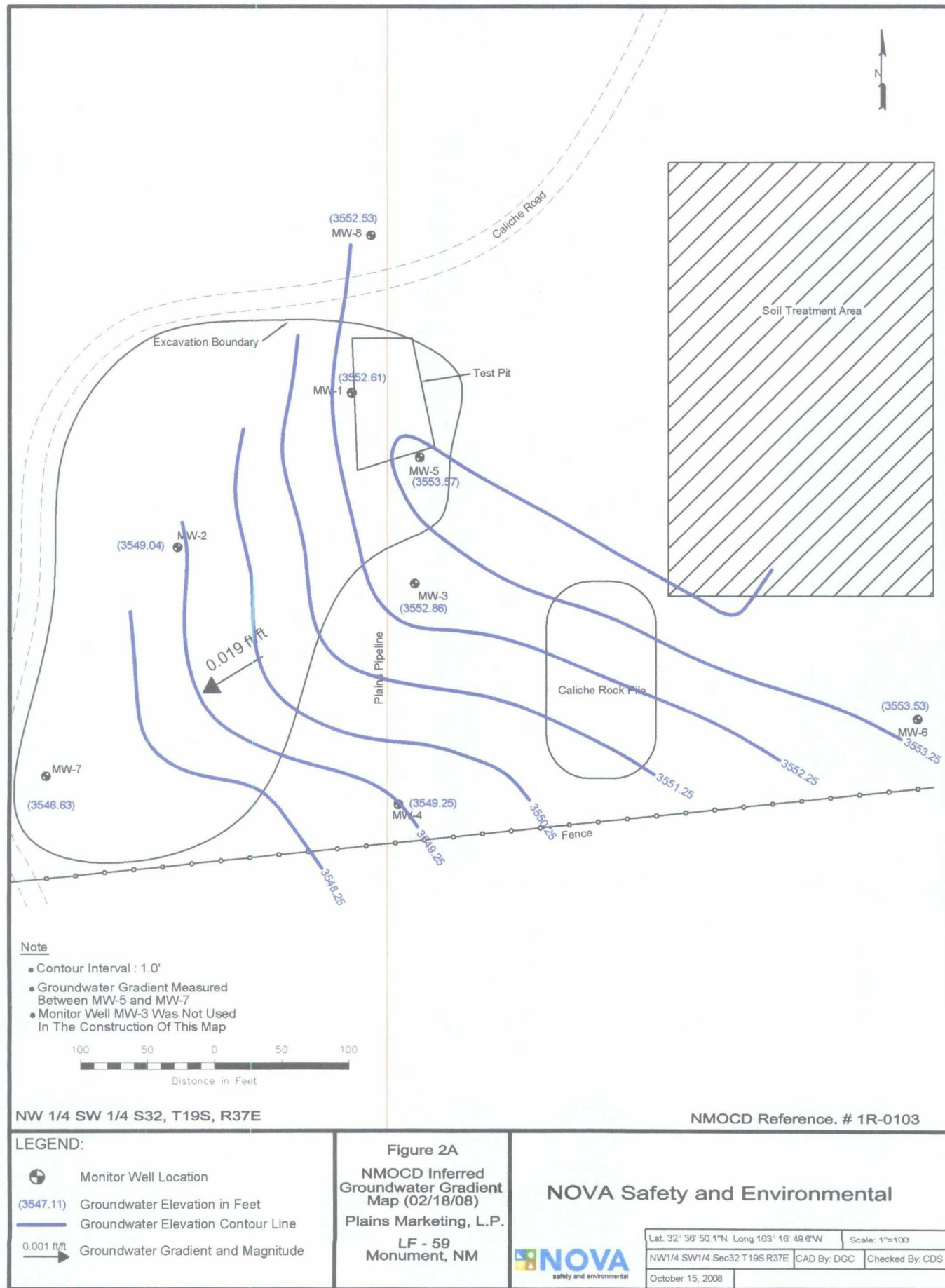
Figure 1
 Site Location Map
 Plains Marketing, L.P.
 LF - 59
 Monument, NM

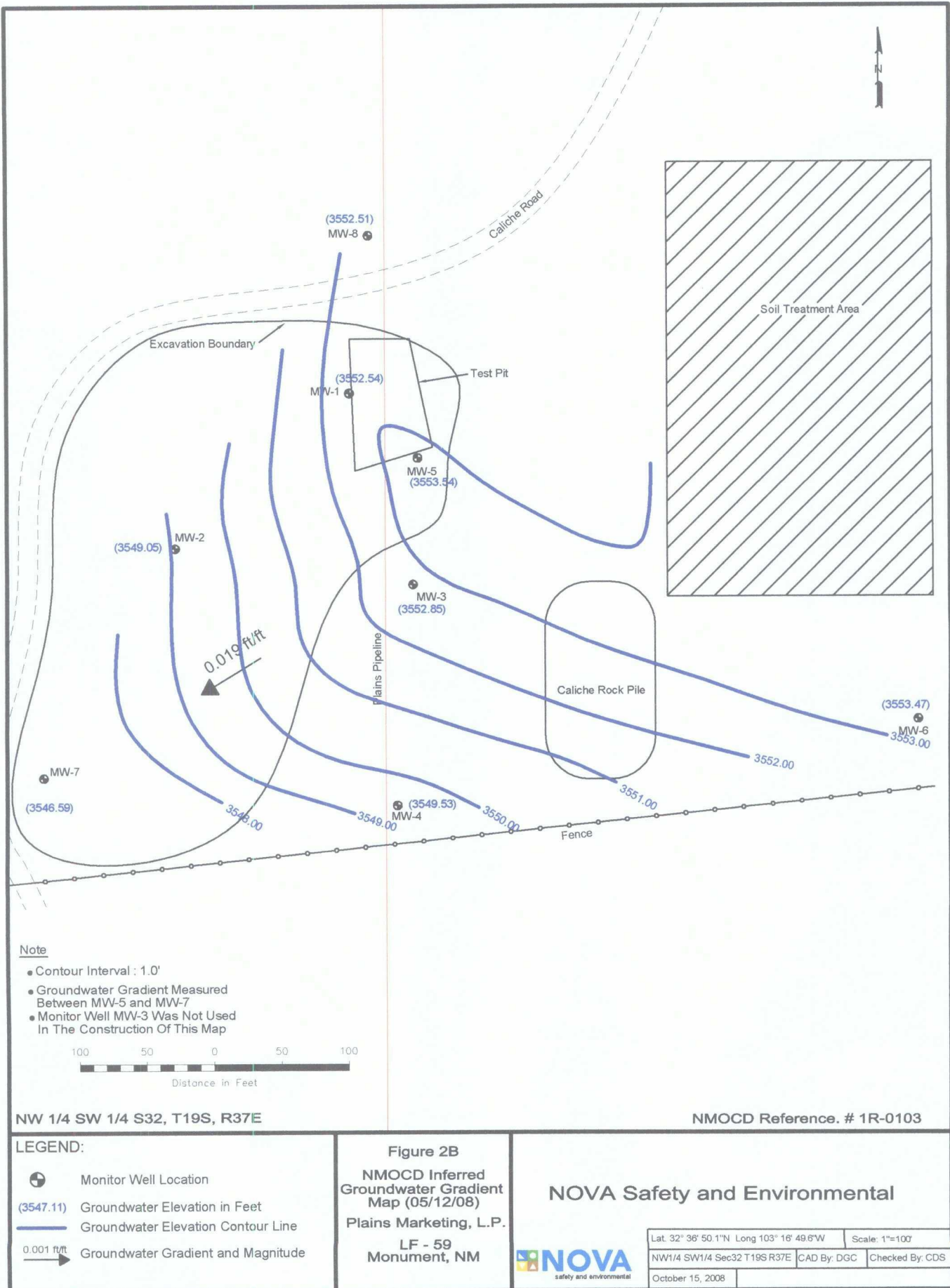
NOVA Safety and Environmental

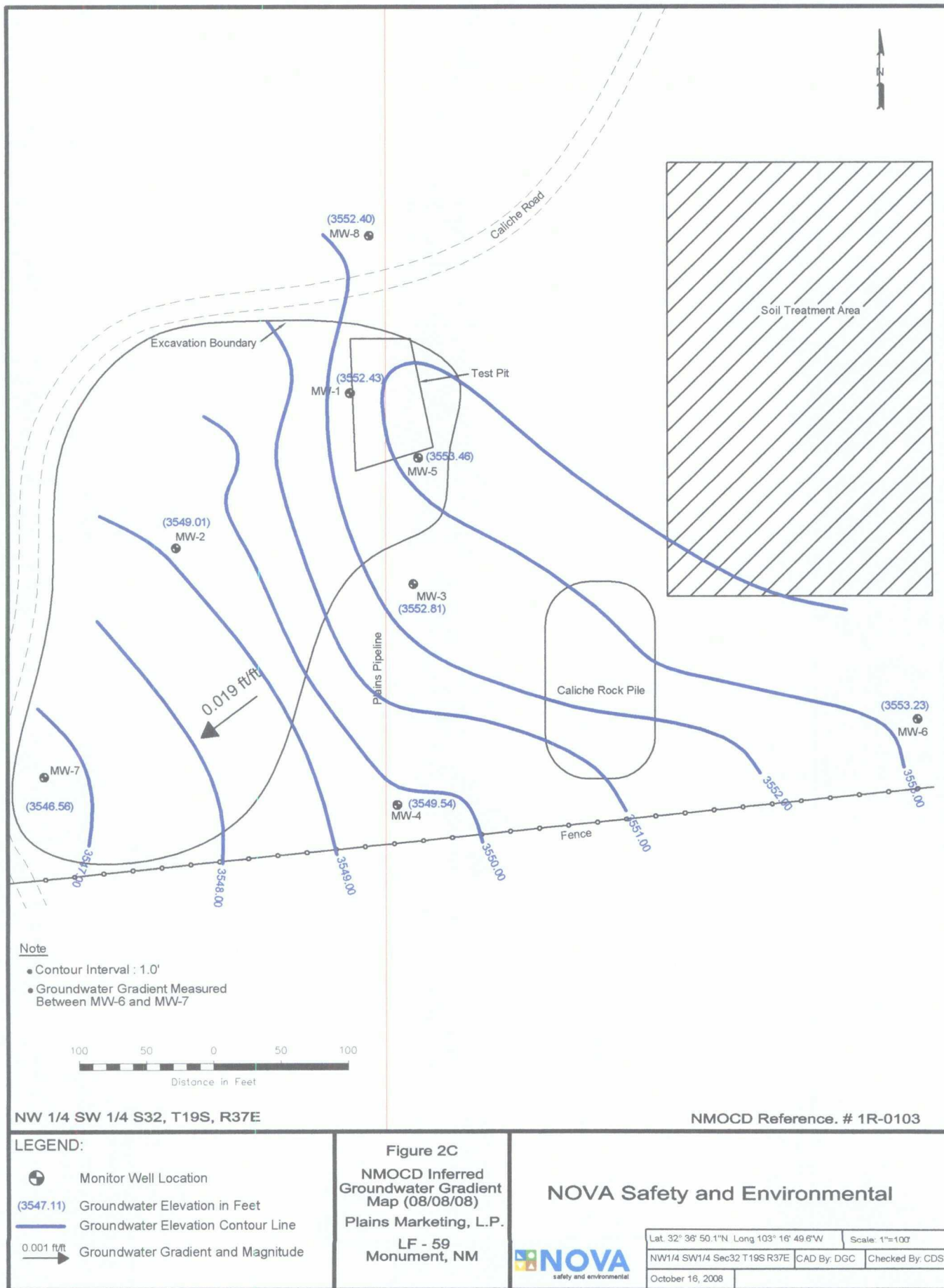


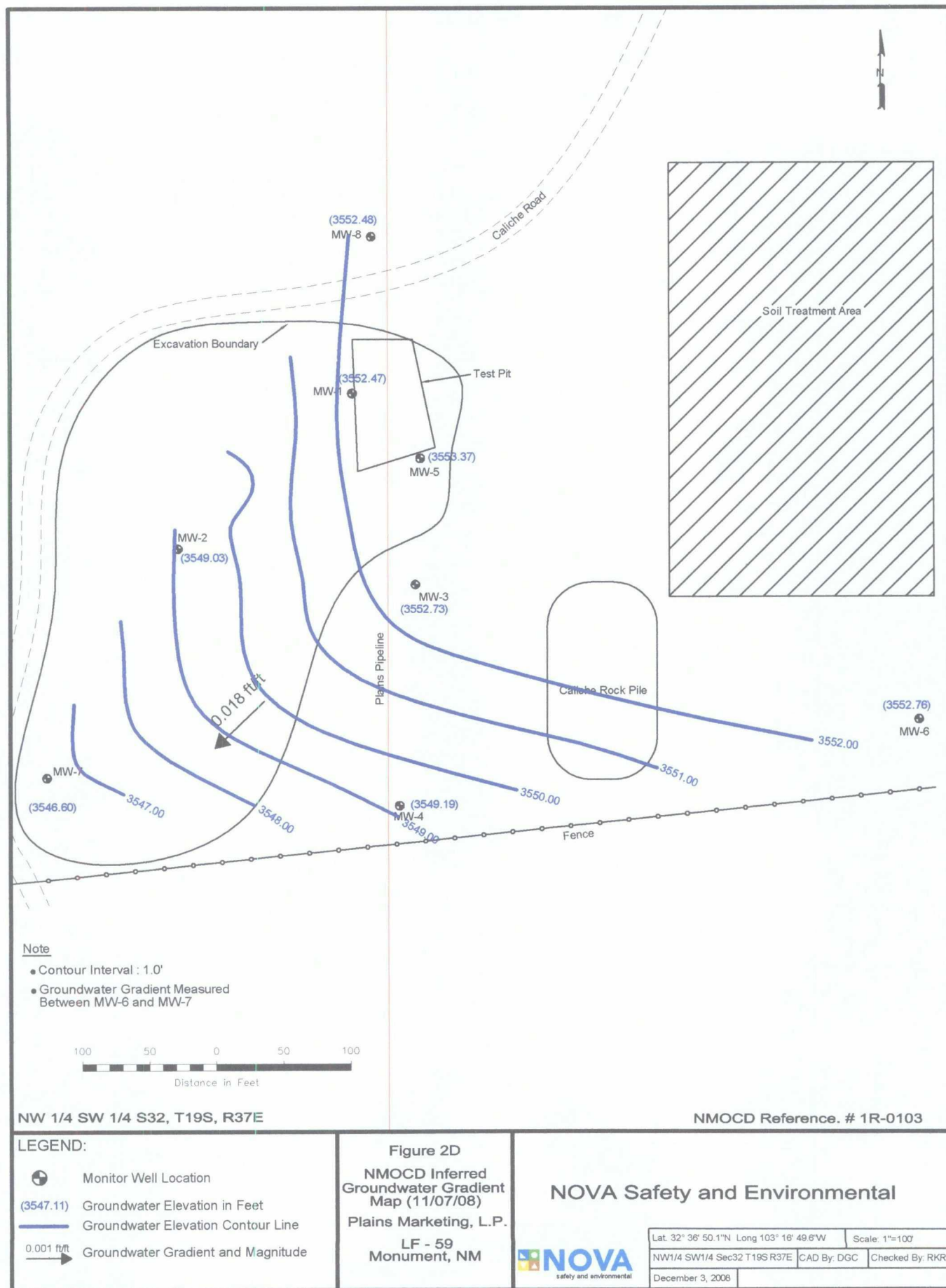
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February 15, 2005		

NMOCD Reference # 1R-0103









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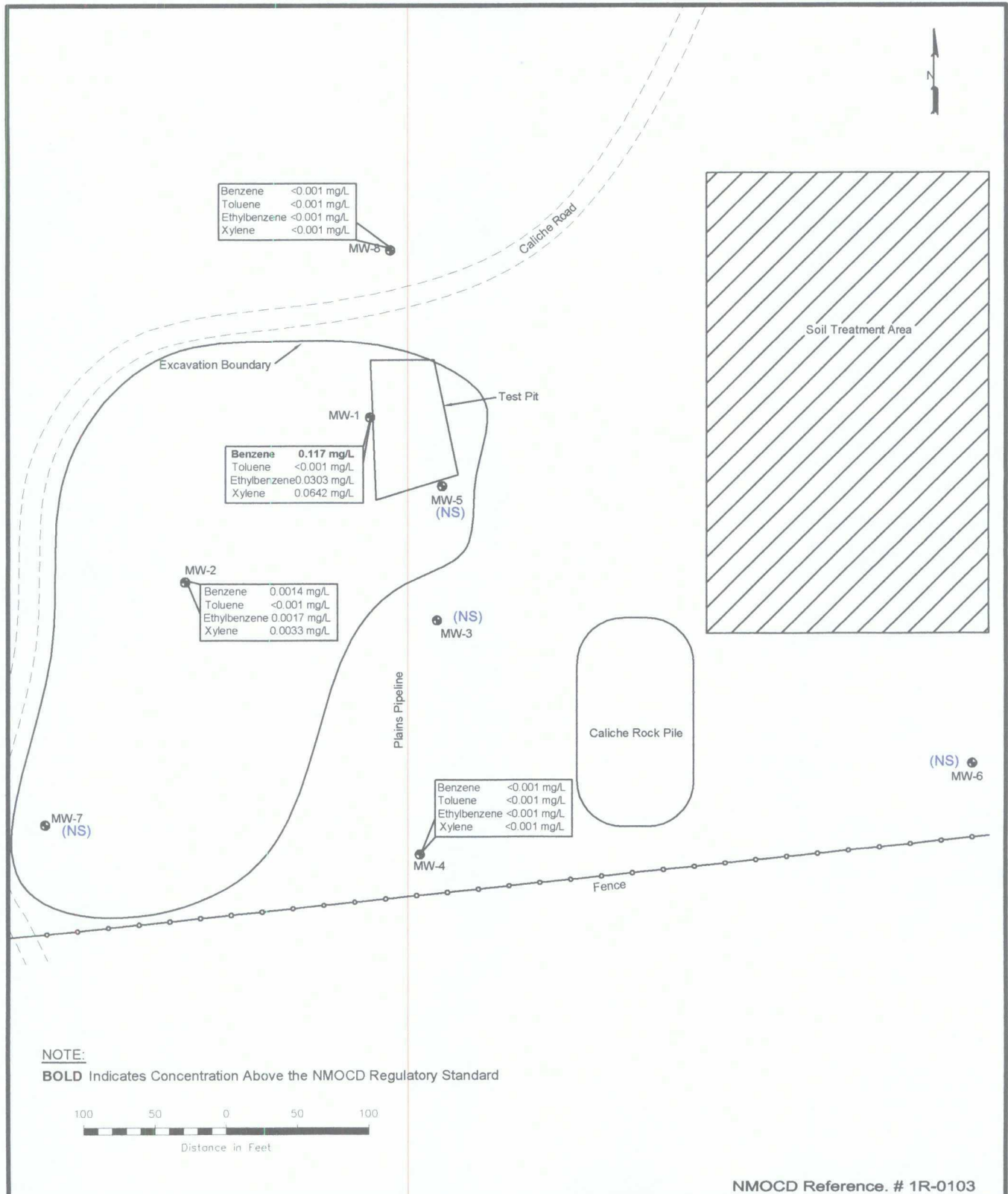
- Monitor Well Location
- (3547.11) Groundwater Elevation in Feet
- Groundwater Elevation Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude

Figure 2D
NMOCD Inferred
Groundwater Gradient
Map (11/07/08)
Plains Marketing, L.P.
LF - 59
Monument, NM

NOVA Safety and Environmental



Lat. 32° 36' 50.1"N Long 103° 16' 49.6"W	Scale: 1"=100'
NW1/4 SW1/4 Sec32 T19S R37E	CAD By: DGC
December 3, 2008	Checked By: RKR



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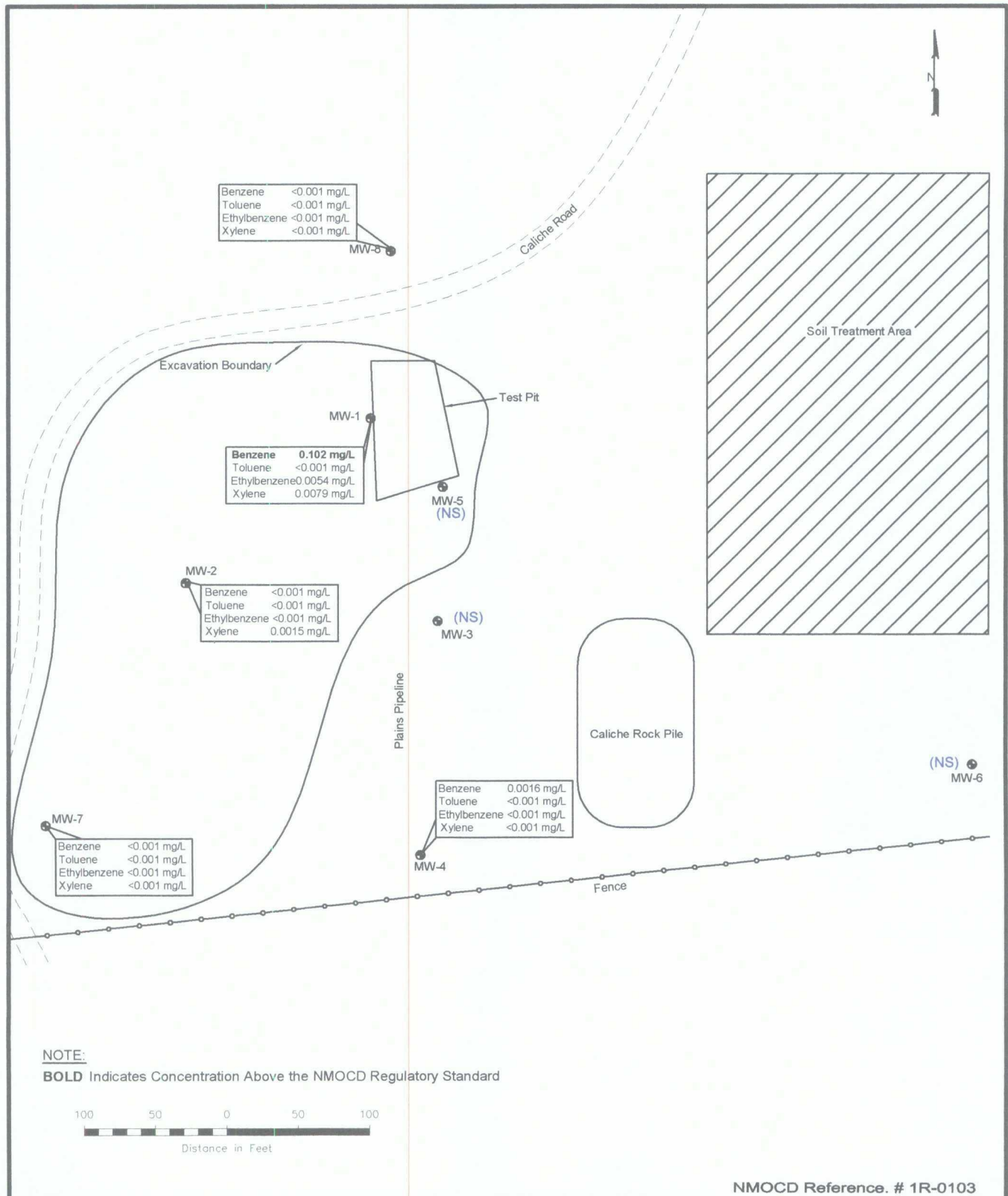
- ⊕ Monitor Well Location
- <0.001 Constituent Concentration (mg/L)
- (NS) Not Sampled

Figure 3A
NMOC Groundwater
Concentration and
Inferred PSH Extent
Map (02/18/08)
Plains Marketing, L.P.
LF - 59
Monument, NM

NOVA Safety and Environmental



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



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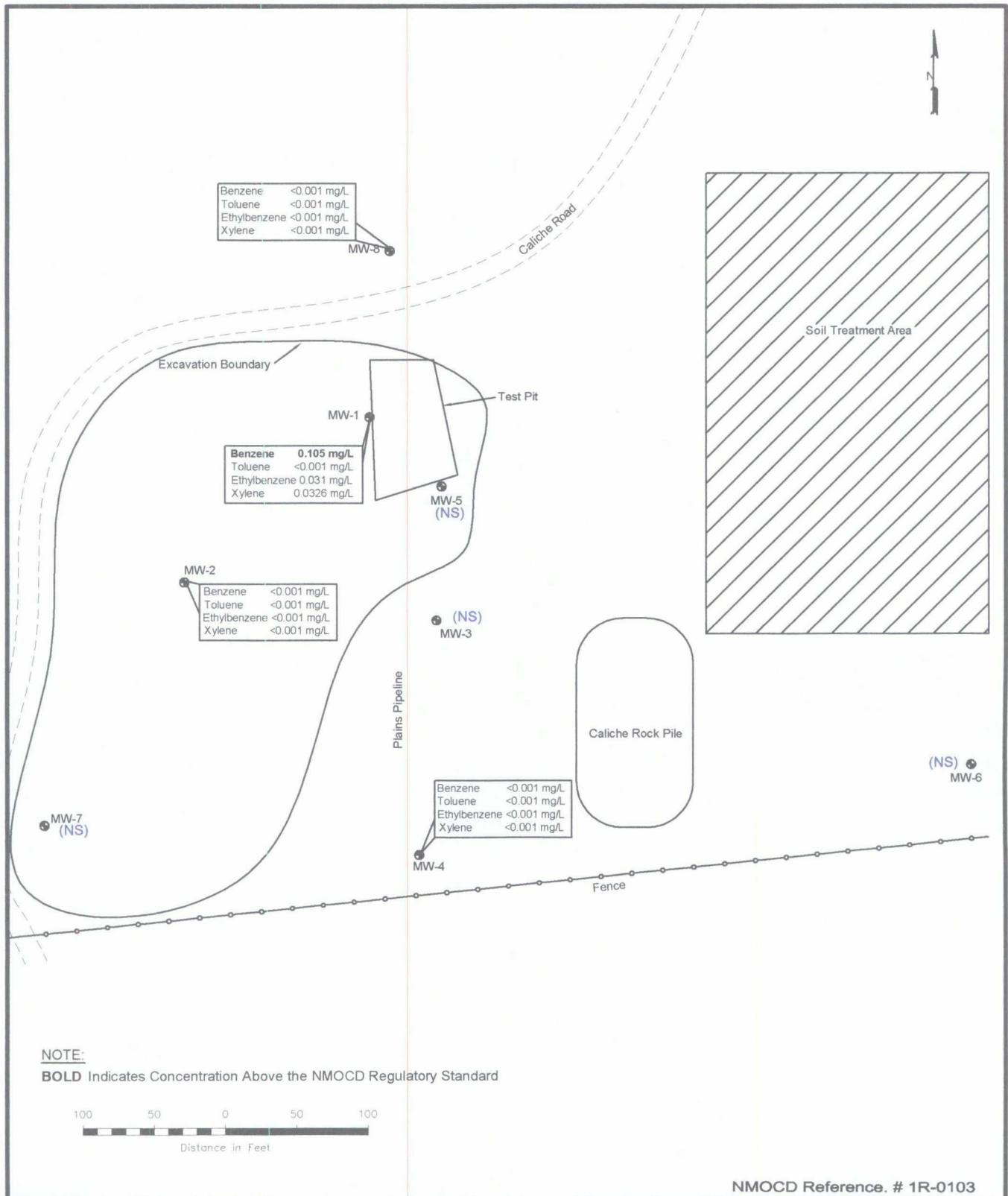
- ⊕ Monitor Well Location
- <0.001 Constituent Concentration (mg/L)
- (NS) Not Sampled

Figure 3B
NMOCD Groundwater
Concentration and
Inferred PSH Extent
Map (05/12/08)
Plains Marketing, L.P.
LF - 59
Monument, NM

NOVA Safety and Environmental



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



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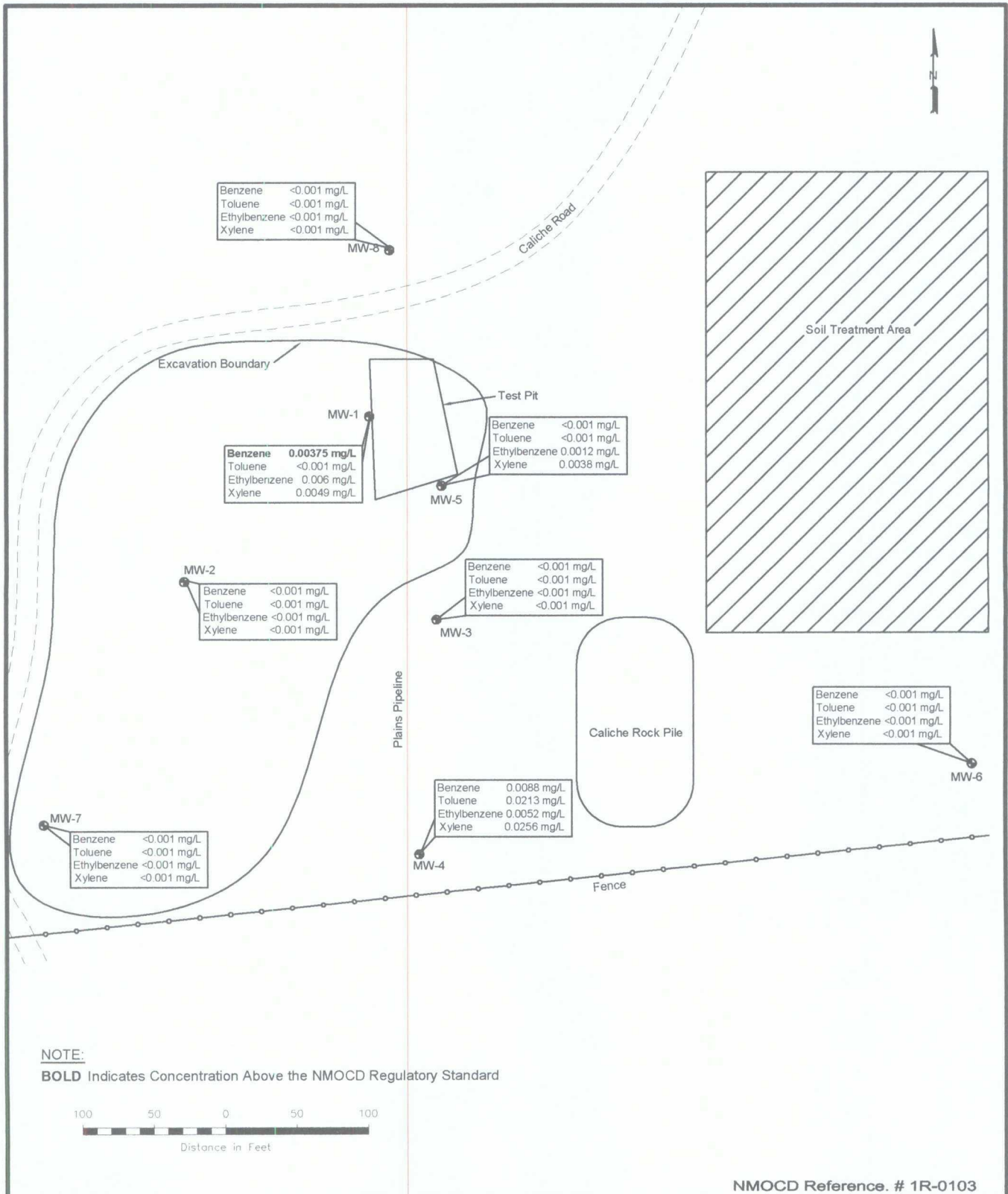
- Monitor Well Location
- <0.001 Constituent Concentration (mg/L)
- (NS) Not Sampled

Figure 3C
NMOCD Groundwater Concentration and Inferred PSH Extent Map (08/08/08)
Plains Marketing, L.P.
LF - 59
Monument, NM

NOVA Safety and Environmental



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



LEGEND:

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

Figure 3D
 NMOC Groundwater Concentration and Inferred PSH Extent Map (11/07/08)
 Plains Marketing, L.P.
 LF - 59
 Monument, NM

NOVA Safety and Environmental



Lat. 32° 36' 50.1"N Long 103° 16' 49.8"W	Scale: 1"=100'
NW1/4 SW1/4 Sec32 T19S R37E	CAD By: DGC
December 3, 2008	Checked By: RKR

TABLES

TABLE 1

2008 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO
 NMOC D REFERENCE NUMBER 1R-0103

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	02/18/08	3,572.21	-	19.60	0.00	3,552.61
MW - 1	02/29/08	3,572.21	-	19.64	0.00	3,552.57
MW - 1	05/12/08	3,572.21	-	19.67	0.00	3,552.54
MW - 1	08/08/08	3,572.21	-	19.78	0.00	3,552.43
MW - 1	08/12/08	3,572.21	-	19.76	0.00	3,552.45
MW - 1	10/08/08	3,572.21	-	19.98	0.00	3,552.23
MW - 1	10/24/08	3,572.21	-	19.71	0.00	3,552.50
MW - 1	10/28/08	3,572.21	-	19.70	0.00	3,552.51
MW - 1	11/03/08	3,572.21	-	19.81	0.00	3,552.40
MW - 1	11/07/08	3,572.21	-	19.74	0.00	3,552.47
MW - 1	11/10/08	3,572.21	-	19.78	0.00	3,552.43
MW - 1	11/17/08	3,572.21	-	19.78	0.00	3,552.43
MW - 1	11/24/08	3,572.21	-	19.94	0.00	3,552.27
MW - 1	12/01/08	3,572.21	-	21.62	0.00	3,550.59
MW - 1	12/08/08	3,572.21	-	19.85	0.00	3,552.36
MW - 2	02/18/08	3,571.46	-	22.42	0.00	3,549.04
MW - 2	05/12/08	3,571.46	-	22.41	0.00	3,549.05
MW - 2	08/08/08	3,571.46	-	22.45	0.00	3,549.01
MW - 2	11/07/08	3,571.46	-	22.43	0.00	3,549.03
MW - 3	02/18/08	3,573.46	-	20.60	0.00	3,552.86
MW - 3	05/12/08	3,573.46	-	20.61	0.00	3,552.85
MW - 3	08/08/08	3,573.46	-	20.65	0.00	3,552.81
MW - 3	11/07/08	3,573.46	-	20.73	0.00	3,552.73
MW - 4	02/18/08	3,570.15	-	20.90	0.00	3,549.25
MW - 4	02/29/08	3,570.15	20.63	20.67	0.04	3,549.51
MW - 4	04/10/08	3,570.15	20.61	20.68	0.07	3,549.53
MW - 4	05/12/08	3,570.15	20.61	20.67	0.06	3,549.53
MW - 4	06/27/08	3,570.15	20.67	20.77	0.10	3,549.47
MW - 4	07/16/08	3,570.15	20.57	20.67	0.10	3,549.57
MW - 4	08/08/08	3,570.15	20.52	20.57	0.05	3,549.62
MW - 4	08/12/08	3,570.15	-	20.61	0.00	3,549.54
MW - 4	10/08/08	3,570.15	-	19.78	0.00	3,550.37
MW - 4	10/24/08	3,570.15	-	20.78	0.00	3,549.37
MW - 4	11/03/08	3,570.15	-	20.94	0.00	3,549.21
MW - 4	11/07/08	3,570.15	-	20.96	0.00	3,549.19
MW - 4	11/10/08	3,570.15	-	20.98	0.00	3,549.17
MW - 4	11/17/08	3,570.15	-	21.05	0.00	3,549.10
MW - 4	11/24/08	3,570.15	-	20.01	0.00	3,550.14
MW - 4	12/01/08	3,570.15	-	26.92	0.00	3,543.23
MW - 4	12/08/08	3,570.15	-	20.11	0.00	3,550.04
MW - 5	02/18/08	3,572.92	-	19.35	0.00	3,553.57
MW - 5	05/08/08	3,572.92	-	19.38	0.00	3,553.54
MW - 5	08/08/08	3,572.92	-	19.46	0.00	3,553.46
MW - 5	11/07/08	3,572.92	-	19.55	0.00	3,553.37

TABLE 1

2008 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.

LF - 59

LEA COUNTY, NEW MEXICO

NMOCB REFERENCE NUMBER 1R-0103

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 6	02/18/08	3,572.11	-	18.58	0.00	3,553.53
MW - 6	05/08/08	3,572.11	-	18.64	0.00	3,553.47
MW - 6	08/08/08	3,572.11	-	18.88	0.00	3,553.23
MW - 6	11/07/08	3,572.11	-	19.35	0.00	3,552.76
MW - 7	02/18/08	3,569.75	-	23.12	0.00	3,546.63
MW - 7	05/08/08	3,569.75	-	23.16	0.00	3,546.59
MW - 7	08/08/08	3,569.75	-	23.19	0.00	3,546.56
MW - 7	11/07/08	3,569.75	-	23.15	0.00	3,546.60
MW - 8	02/18/08	3,573.59	-	21.06	0.00	3,552.53
MW - 8	05/08/08	3,573.59	-	21.08	0.00	3,552.51
MW - 8	08/08/08	3,573.59	-	21.19	0.00	3,552.40
MW - 8	11/07/08	3,573.59	-	21.11	0.00	3,552.48

Elevations based on the North American Vertical Datum of 1929.

* Complete Historical Tables are provided on the attached CD.

TABLE 2

2008 - CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER 1R-0103

All results 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		0.01	0.75	0.75	0.62	
MW - 1	02/18/08	0.117	<0.001	0.0303	0.0642	
MW - 1	05/12/08	0.102	<0.001	0.0054	0.0079	
MW - 1	08/08/08	0.105	<0.001	0.0310	0.0326	
MW - 1	11/07/08	0.0375	<0.001	0.0060	0.0049	
MW - 2	02/18/08	0.0014	<0.001	0.0017	0.0033	
MW - 2	05/12/08	<0.001	<0.001	<0.001	0.0015	
MW - 2	08/08/08	<0.001	<0.001	<0.001	<0.001	
MW - 2	11/07/08	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/18/08	Not Sampled on Current Sample Schedule				
MW - 3	05/12/08	Not Sampled on Current Sample Schedule				
MW - 3	08/08/08	Not Sampled on Current Sample Schedule				
MW - 3	11/07/08	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/18/08	<0.001	<0.001	<0.001	<0.001	
MW - 4	05/12/08	0.0016	<0.001	<0.001	<0.001	
MW - 4	08/08/08	<0.001	<0.001	<0.001	<0.001	
MW - 4	11/07/08	0.0088	0.0213	0.0052	0.0256	
MW - 5	02/18/08	Not Sampled on Current Sample Schedule				
MW - 5	05/12/08	Not Sampled on Current Sample Schedule				
MW - 5	08/08/08	Not Sampled on Current Sample Schedule				
MW - 5	11/07/08	<0.001	<0.001	0.0012	0.0038	
MW - 6	02/18/08	Not Sampled on Current Sample Schedule				
MW - 6	05/12/08	Not Sampled on Current Sample Schedule				
MW - 6	08/08/08	Not Sampled on Current Sample Schedule				
MW - 6	11/07/08	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/18/08	Not Sampled on Current Sample Schedule				
MW - 7	05/12/08	<0.001	<0.001	<0.001	<0.001	
MW - 7	08/08/08	Not Sampled on Current Sample Schedule				
MW - 7	11/07/08	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/18/08	<0.001	<0.001	<0.001	<0.001	
MW - 8	05/12/08	<0.001	<0.001	<0.001	<0.001	
MW - 8	08/08/08	<0.001	<0.001	<0.001	<0.001	
MW - 8	11/07/08	<0.001	<0.001	<0.001	<0.001	

* Complete Historical Tables are provided on the attached CD.

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER - 2008

TNMM LF-S9

LEA COUNTY, NEW MEXICO

NMOC D REFERENCE NUMBER 1R-0103

EPA SW846-8270C, 3510

All water concentrations are reported in mg/L

[illegible]

APPENDICES

APPENDIX A:
Form C-141

811 South Main
 Artesia, NM 88210
 (505) 334-6178
 1000 Rio Brazos Road
 Aztec, NM 87410
 (505) 827-7131

Oil Conservation Division

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

STATE Byrd LF. 1999-59

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

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

Surface Owner State of New Mexico	Mineral Owner	Lease No.
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LOCATION OF RELEASE

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

Type of Release Crude oil	Volume of Release 260 bbl/s	Volume Recovered 200 bbl/s
Source of Release Crude oil Pipeline	Date and Hour of Occurrence 7/18/99 1pm	Date and Hour of Discovery 7/18/99 1pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Chris Williams	
By Whom? Lennah Frost	Date and Hour 7/18/99 - 2:30p	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If Yes, Volume Impairing the Watercourse.	

If a Watercourse was Impacted, Describe Fully (Attach Additional Sheets If Necessary)

Describe Cause of Problem and Remedial Action Taken (Attach Additional Sheets If Necessary)

Internal Corrosion - Leak clamped off will replace pipe ASAP

Describe Area Affected and Cleanup Action Taken (Attach Additional Sheets If Necessary)

Spill occurred in a previously remediated site. Will evaluate for cleanup this week

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature Lennah Frost	OIL CONSERVATION DIVISION	
Printed Name Lennah Frost	Approved by District Supervisor:	
Title SR. ENV. ENG	Approval Date:	Expiration Date:
Date 7-20-99	Phone 915/6843467	Condition of Approval:
		Attached <input type="checkbox"/>