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Annual GW Mon. REPORTS

DATE:

2009

2009
ANNUAL MONITORING REPORT

RECEIVED

MAR 25 2010

Environmental Bureau
Oil Conservation Division

DENTON STATION

NW ¼, NE ¼ SECTION 14, TOWNSHIP 15 SOUTH, RANGE 37 EAST
LEA COUNTY, NEW MEXICO
PLAINS SRS NUMBER: 2003-00338
NMOCD Reference 1R-0234

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
Midland, Texas 79703

February 2010

Ronald K. Rounsaville
Senior Project Manager

Brittan K. Byerly, P.G.
President

PLAINS
ALL AMERICAN

March 22, 2010

RECEIVED
MAR 25 2010
Environmental Bureau
Oil Conservation Division

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

Re: Plains All American – 2009 Annual Monitoring Reports
12 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
SPS-11	GW-0140	Section 18, Township 18 South, Range 36 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

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.

PLAINS
ALL AMERICAN

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: Larry Johnson, NMOCD, Hobbs, NM

Enclosures

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FIGURES

TABLES

ENCLOSED ON DATA DISK

INTRODUCTION

On behalf of Plains Marketing, L.P., (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. Beginning on or about April 1, 2007, project management responsibilities for the Denton Station Release Site (the site) were assumed by NOVA. The source of the release was reportedly a former crude oil tank battery located in the northeastern quadrant of the fenced facility. The site, formerly the responsibility of Shell Pipeline Corporation (SPLC), 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 2009 only. However, historic data tables as well as 2009 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 2009 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 site is located approximately twelve miles east of the town of Lovington, New Mexico near State Highway 82 in the SE ¼ of the NE ¼ Section 14, Township 15 South, Range 37 East and the NW ¼ of the NE ¼ Section 14, Township 15 South, Range 37 East. The site coordinates are latitude 33° 01' 6.48" North, longitude 103° 09' 46.6" West. An out of service water well (WW-1) is located on site and is completed to a total depth of approximately ninety-seven feet (97') below ground surface (bgs). The water well has been converted to a recovery well.

Currently, there are seventeen monitor wells (MW-1 through MW-17) and one out of service water well (WW-1) onsite. The automated product recovery system was upgraded and operated on site during all four quarters the reporting period. Manual product recovery was performed on those wells not included in the automated recovery system.

FIELD ACTIVITIES

Product Recovery Efforts

A measurable thickness of PSH was present in three monitor wells (MW-3, MW-7 and MW-17) and the out of service water well (WW-1) during each quarter of the reporting period. PSH was measured in MW-5 during three gauging events in conducted in January 2009 prior to the quarterly sampling events. The average thickness of PSH in monitor wells exhibiting PSH and the out of service water well is 0.91 feet. The maximum thickness of PSH in monitor or water well was 5.13 feet as recorded in monitor well MW-17 on December 4, 2009. PSH data for the 2009 gauging events can be found in Table 1. Approximately 16 gallons (0.38 barrels) of PSH

were recovered from the site during this reporting period. Approximately 7,859 gallons (187.1 barrels) of PSH have been recovered from the site utilizing manual and automated methods since project inception.

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

NMOCD APPROVED SAMPLING SCHEDULE					
Location	**Schedule**	**Location**	**Schedule**	**Location**	**Schedule**
MW-1	Quarterly	MW-7	Quarterly	MW-13	Quarterly
MW-2	Quarterly	MW-8	Quarterly	MW-14	Quarterly
MW-3	Quarterly	MW-9	Quarterly	MW-15	Quarterly
MW-4	Quarterly	MW-10	Quarterly	MW-16	Quarterly
MW-5	Quarterly	MW-11	Quarterly	MW-17	Quarterly
MW-6	Quarterly	MW-12	Quarterly	WW-1	Quarterly

The site monitor wells were gauged and sampled on February 25, May 28, August 20, and December 3-4, 2009. 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.

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during each quarterly monitoring event, are depicted on Figures 2A through 2D, the Inferred Groundwater Gradient Maps. Groundwater elevation data for 2009 is provided as Table 1. Historic groundwater elevation data beginning at project inception is provided on the enclosed data disk.

The most recent Inferred Groundwater Gradient map, Figure 2D, indicates a general gradient of approximately 0.002 feet/foot to the southeast as measured between monitor well MW-7 and monitor well MW-15. This is consistent with data presented on Figures 2A through 2C from the earlier quarters.

LABORATORY RESULTS

Groundwater samples obtained during the quarterly sampling events of 2009 were delivered to TraceAnalysis, Inc. in Midland, Texas for determination of Benzene, Toluene, Ethyl-benzene 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 2009 are summarized in Table 2 and the PAH constituent concentrations for 2009 are summarized in Table 3. Copies of the laboratory reports generated for 2009 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 monitored on a quarterly schedule. Monitor well MW-1 was inadvertently not sampled during the 1st quarter of the reporting period. Analytical results indicate benzene concentrations ranged from 1.380 mg/L during the 3rd quarter to 1.920 mg/L during the 2nd quarter. Benzene concentrations were above the NMOCD regulatory standard during the 2nd, 3rd and 4th quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standard during the 2nd, 3rd and 4th quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.219 mg/L during the 2nd quarter to 0.277 mg/L during the 4th quarter of the reporting period. Ethyl-benzene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarters of the reporting period. Xylene concentrations ranged from 0.435 mg/L during the 3rd quarter to 0.606 mg/L during the 4th quarter of the reporting period. Xylene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.00776 mg/L), 1-methylnaphthalene (0.204 mg/L), 2-methylnaphthalene (0.286 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.0262 mg/L), phenanthrene (0.0356 mg/L) and dibenzofuran (0.00956 mg/L), which are below WQCC standards.

Monitor well MW-2 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-3 is monitored on a quarterly schedule. Monitor well MW-3 was not sampled during the 1st, 2nd and 3rd quarters of the reporting period, due to the presence of PSH in the monitor well and was not sampled during the 4th quarter due to insufficient water volume in the well. PSH thicknesses of 1.64 feet, 0.39 feet and 0.62 feet were reported during the 1st, 2nd and 3rd quarters of 2009, respectively. PAH analysis was not conducted due to insufficient water volume in the well.

Monitor well MW-4 is sampled on a quarterly schedule. Monitor well MW-4 was inadvertently not sampled during the 1st quarter of the reporting period. Analytical results indicate benzene concentrations ranged from 0.305 mg/L during the 2nd quarter to 0.468 mg/L during the 3rd quarter. Benzene concentrations were above the NMOCD regulatory standard during the 2nd, 3rd and 4th quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standard during the 2nd, 3rd and 4th quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.0376 mg/L during the 4th quarter to 0.105 mg/L during the 4th quarter of the reporting period. Ethyl-benzene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarters of the reporting period. Xylene concentrations ranged from <0.010 mg/L during the 4th quarter to 0.224 mg/L during the 3rd quarter of the reporting period. Xylene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. PAH analysis during the 4th

quarter sampling event indicated elevated concentrations above MDLs for naphthalene (0.00532 mg/L), 1-methylnaphthalene (0.00272 mg/L), 2-methylnaphthalene (0.00179 mg/L), dibenzofuran (0.000877 mg/L), fluorine (0.00140 mg/L) and phenanthrene (0.000405 mg/L), which are below WQCC standards.

Monitor well MW-5 is monitored on a quarterly schedule. Monitor well MW-5 was inadvertently not sampled during the 1st quarter of the reporting period. Analytical results indicate benzene concentrations ranged from 0.300 mg/L during the 3rd quarter to 0.340 mg/L during the 4th quarter. Benzene concentrations were above the NMOCD regulatory standard during the 2nd, 3rd and 4th quarters of the reporting period. Toluene concentrations ranged from 0.0691 mg/L during the 4th quarter to 0.218 mg/L during the 2nd quarter. Toluene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.246 mg/L during the 4th quarter to 0.385 mg/L during the 3rd quarter of the reporting period. Ethyl-benzene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarters of the reporting period. Xylene concentrations ranged from 0.620 mg/L during the 4th quarter to 1.110 mg/L during the 2nd quarter of the reporting period. Xylene concentrations were above the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.0305 mg/L), 1-methylnaphthalene (0.0414 mg/L), 2-methylnaphthalene (0.0374 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.00325 mg/L), phenanthrene (0.00328 mg/L) and dibenzofuran (0.00208 mg/L), which are below WQCC standards.

Monitor well MW-6 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0493 mg/L during the 4th quarter of the reporting period to 0.103 mg/L during the 1st quarter. Benzene concentrations were above the NMOCD regulatory standard 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. Ethyl-benzene concentrations ranged from 0.0137 mg/L during the 4th quarter to 0.0165 mg/L during the 3rd quarter of the reporting period. Ethyl-benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Xylene concentrations ranged from 0.0062 mg/L during the 1st quarter to 0.0249 mg/L during the 3rd quarter of the reporting period. Xylene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Analytical results indicated a total TPH result of 14.47 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.0102 mg/L), 1-methylnaphthalene (0.0428 mg/L), 2-methylnaphthalene (0.0553 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.00686 mg/L), phenanthrene (0.00871 mg/L) and dibenzofuran (0.00305 mg/L), which are below WQCC standards.

Monitor well MW-7 is monitored on a quarterly schedule. Monitor well MW-7 was not sampled during the 1st, 2nd and 3rd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 3.75 feet, 3.33 feet and 2.18 feet were reported during the 1st, 2nd and 3rd quarters of 2009, respectively. Benzene concentrations were above the NMOCD regulatory standard during the 4th quarter of the reporting period with a concentration of 4.690 mg/L. Toluene

concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 6.580 mg/L. Ethyl-benzene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 3.820 mg/L. Xylene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 12.40 mg/L. Analytical results indicated a total TPH result of 170.4 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.416 mg/L), 1-methylnaphthalene (1.04 mg/L) and 2-methylnaphthalene (1.43 mg/L). Additional PAH constituents detected above MDLs include acenaphthylene (0.0270 mg/L), fluorene (0.105 mg/L), phenanthrene (0.149 mg/L) and dibenzofuran (0.0663 mg/L), which are below WQCC standards.

Monitor well MW-8 is sampled on a quarterly schedule and analytical results indicate benzene, toluene and xylene concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from <0.001 mg/L during the 2nd, 3rd and 4th quarters to 0.001 mg/L during the 1st quarter of the reporting period. Ethyl-benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-9 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-10 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.484 mg/L during the 4th quarter of the reporting period to 0.705 mg/L during the 1st quarter. Benzene concentrations were above the NMOCD regulatory standard 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. Ethyl-benzene concentrations ranged from 0.0414 mg/L during the 4th quarter to 0.111 mg/L during the 3rd quarter of the reporting period. Ethyl-benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. 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 naphthalene (0.000525 mg/L), 1-methylnaphthalene (0.00118 mg/L) and dibenzofuran (0.000772 mg/L), which are below WQCC standards.

Monitor well MW-11 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-12 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 2nd and 4th quarters to 0.009 mg/L during the 3rd quarter of 2009. Benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Toluene, ethylbenzene and xylene concentrations were below the MDL and the NMOCD regulatory standard during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-13 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-14 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-15 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-16 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-17 is monitored on a quarterly schedule. Monitor well MW-17 was not sampled during the 1st, 2nd and 3rd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 0.73 feet, 0.09 feet and 0.55 feet were reported during the 1st, 2nd and 3rd quarters of 2009, respectively. Benzene concentrations were above the NMOCD regulatory standard during the 4th quarter of the reporting period with a concentration of 1.170 mg/L. Toluene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 1.040 mg/L. Ethyl-benzene concentrations were below NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.444 mg/L. Xylene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 1.340 mg/L. Analytical results indicated a total TPH result of 17.0 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.270 mg/L), 1-methylnaphthalene (0.704 mg/L) and 2-methylnaphthalene (0.946 mg/L). Additional PAH

constituents detected above MDLs include fluorene (0.0709 mg/L), phenanthrene (0.102 mg/L) and dibenzofuran (0.0444 mg/L), which are below WQCC standards.

Water Well WW-1 is monitored on a quarterly schedule. Water well WW-1 was not sampled during the 1st, 2nd and 3rd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 0.78 feet, 0.62 feet and 0.47 feet were reported during the 1st, 2nd and 3rd quarters of 2009, respectively. Benzene concentrations were above the NMOCD regulatory standard during the 4th quarter of the reporting period with a concentration of 0.471 mg/L. Toluene concentrations were below NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.641 mg/L. Ethyl-benzene concentrations were below NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.215 mg/L. Xylene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.770 mg/L. Analytical results indicated a total TPH result of 15.45 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.0355 mg/L), 1-methylnaphthalene (0.0772 mg/L) and 2-methylnaphthalene (0.105 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.00792 mg/L), phenanthrene (0.0110 mg/L) and dibenzofuran (0.00423 mg/L), which are below WQCC 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 2009 annual monitoring period. Currently, there are seventeen monitor wells (MW-1 through 17) and one out of service water well (WW-1) onsite. A measurable thickness of PSH was present in three monitor wells (MW-3, MW-7 and MW-17) and the out of service water well (WW-1) during each quarter of the reporting period. PSH was measured in MW-5 during three gauging events in conducted in January 2009 prior to the quarterly sampling events. The average thickness of PSH in monitor wells exhibiting PSH and the out of service water well is 0.91 feet. The maximum thickness of PSH in monitor or water well was 5.13 feet as recorded in monitor well MW-17 on December 4, 2009. The automated product recovery system was upgraded and operated on site during all four quarters the reporting period. Manual product recovery was performed on those wells not included in the recovery system.

Approximately 16 gallons (0.38 barrels) of PSH were recovered from the site during this reporting period. Approximately 7,859 gallons (187.1 barrels) of PSH have been recovered from the site utilizing manual and automated methods since project inception. The most recent Inferred Groundwater Gradient map, Figure 2D, indicates a general gradient of approximately 0.002 feet/foot to the southeast as measured between recovery well MW-7 and monitor well MW-15.

Review of laboratory analytical results of the groundwater samples obtained during the 2009 monitoring period indicates the BTEX constituent concentrations are below applicable NMOCD

standards in nine of the seventeen monitor wells. Monitor wells MW-3, MW-7, MW-17 and water well WW-1 consistently exhibited measurable thicknesses of PSH during gauging events. Dissolved phase and phase separated hydrocarbon impact appears to be limited to monitor wells MW-1, MW-4 through MW-7, MW-10, MW-17 and water well WW-1. Groundwater samples from monitor well MW-7 exhibited elevated TPH concentrations for GRO and DRO. Review of PAH analysis indicates an increasing trend in constituent concentrations in monitor well MW-6 and MW-7 and a decreasing trend in monitor wells MW-1, MW-4, MW-5, MW-10, MW-17 and water well WW-1.

ANTICIPATED ACTIONS

Quarterly groundwater monitoring and sampling will continue in 2010. Plains respectfully requests NMOCD approval to modify the sampling schedule for the following monitor wells:

- Monitor wells MW-14, MW-15 and MW-16 are currently sampled on a quarterly schedule. Plains proposes to modify the schedule to a semi-annual schedule. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last ten consecutive quarters.

An Annual Monitoring Report will be submitted to the NMOCD by April 1, 2011. The automated recovery system will be monitored and adjusted to maximize the efficiency of product removal and gradient control.

Based on the results of the PAH analysis over the past several years, NOVA recommends that further PAH analysis be conducted only on those monitor wells (MW-1, MW-4 through MW-7 and MW-17 and water well WW-1) which have historically exhibited elevated constituents near or above the WQCC standards.

LIMITATIONS

NOVA has prepared this Annual Monitoring Report to the best of its ability. No other warranty, expressed or implied, is made or intended. NOVA has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. NOVA has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. NOVA has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. NOVA also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

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

DISTRIBUTION

Copy 1 Ed Hansen
New Mexico Energy, Minerals and Natural Resources Department
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jpdann@paalp.com

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rrounsaville@novatraining.cc

Figures

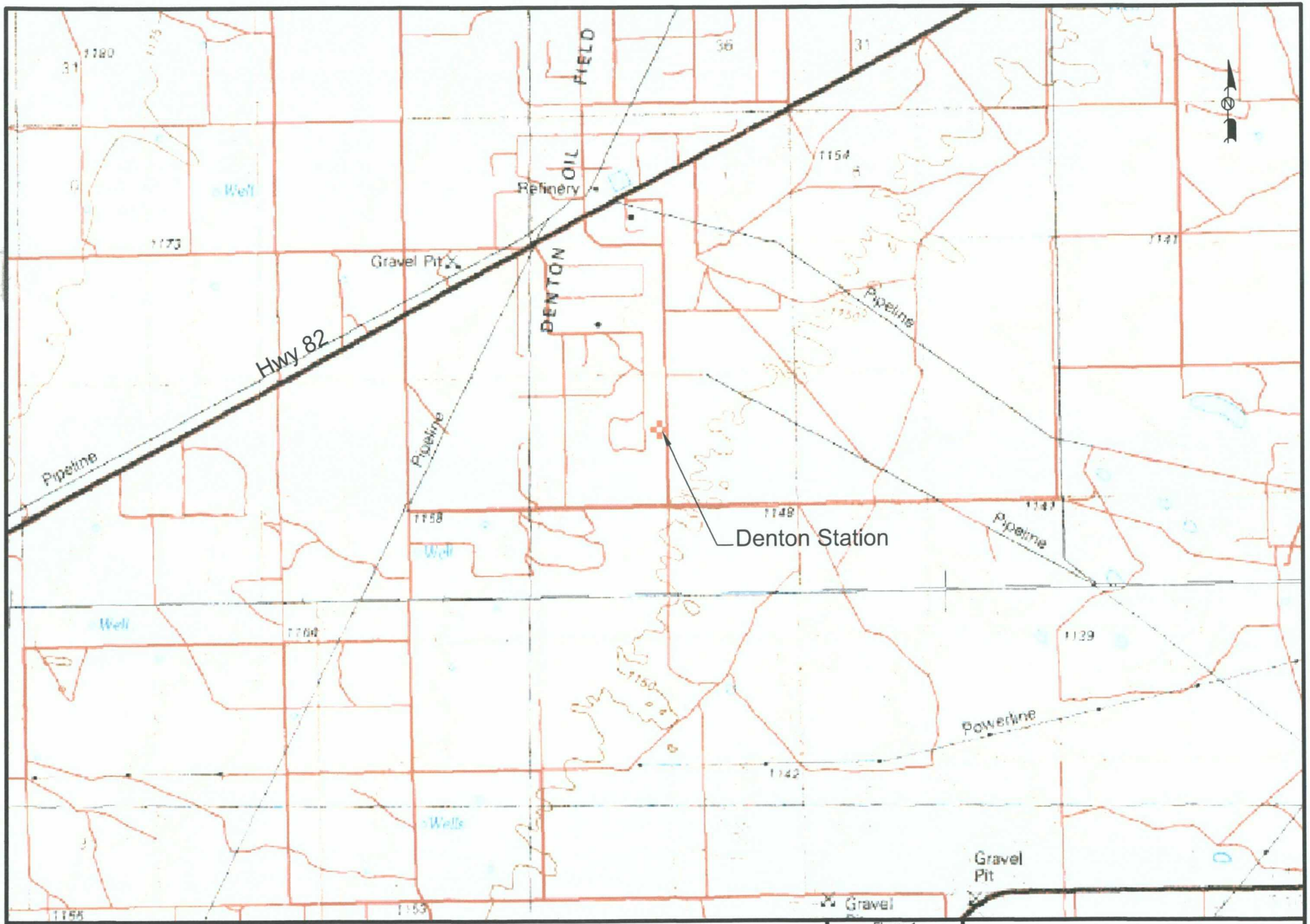
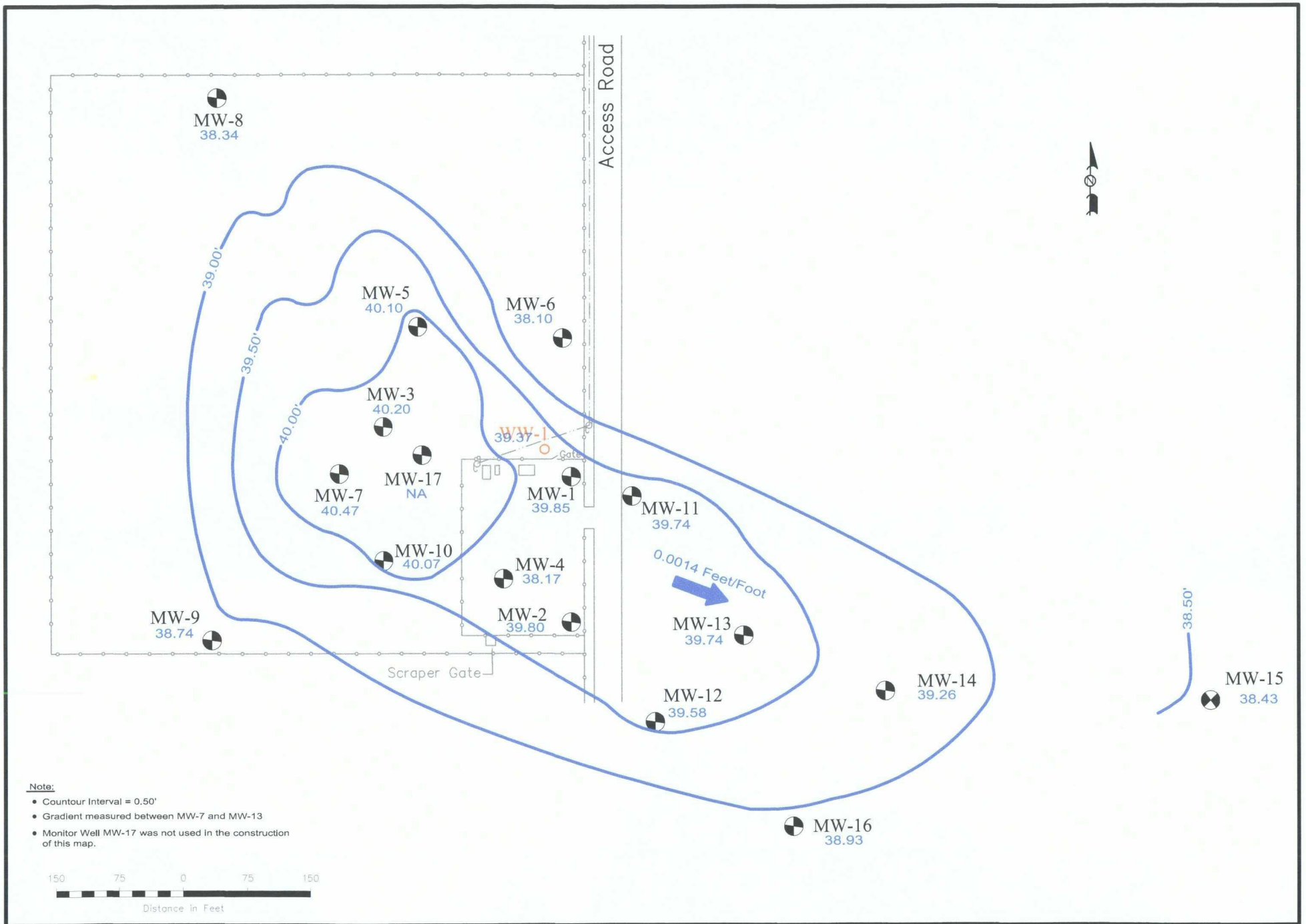


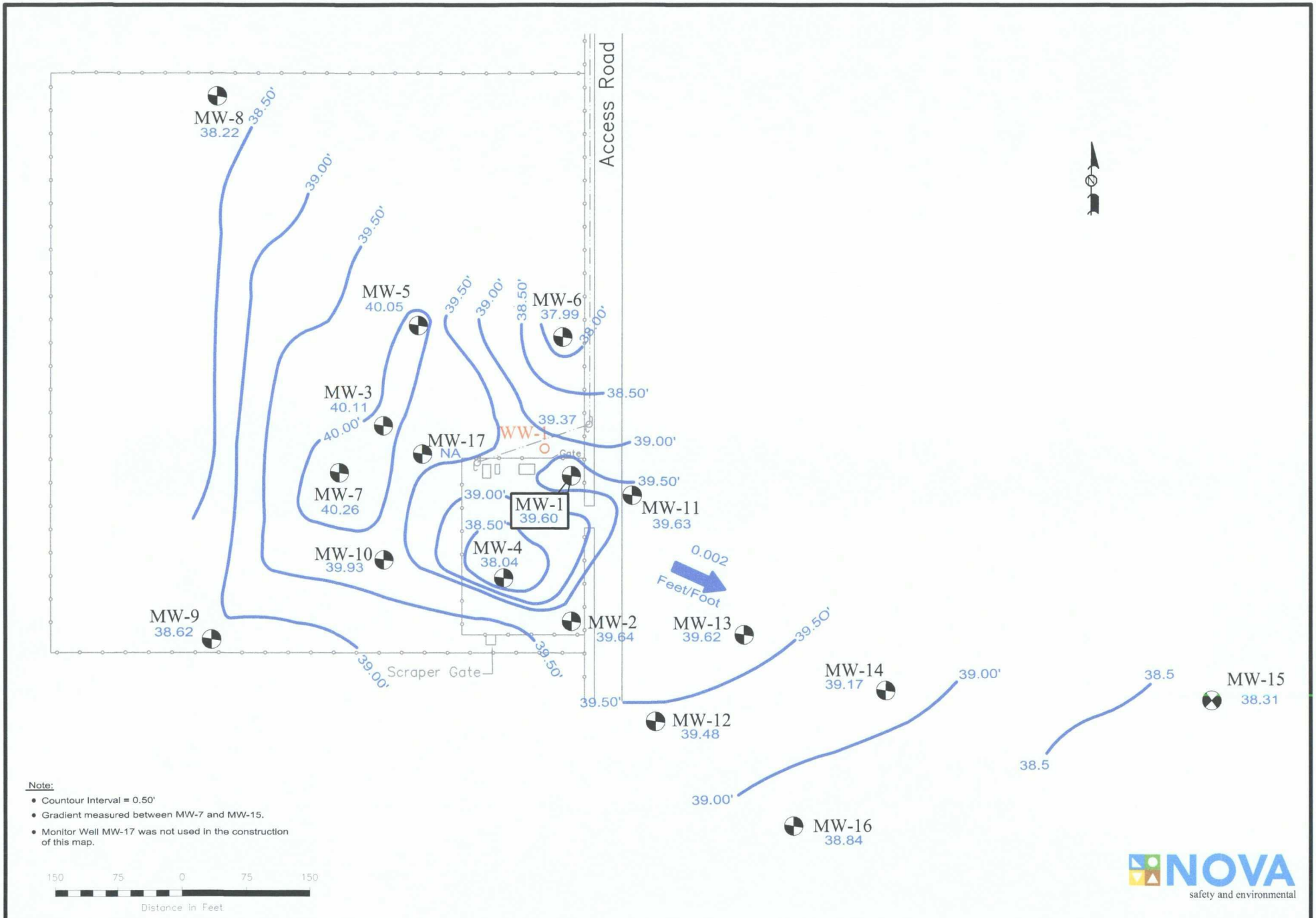
Figure 1
Site Location Map
Plains Marketing, L.P.
Denton Station
Lea County, NM

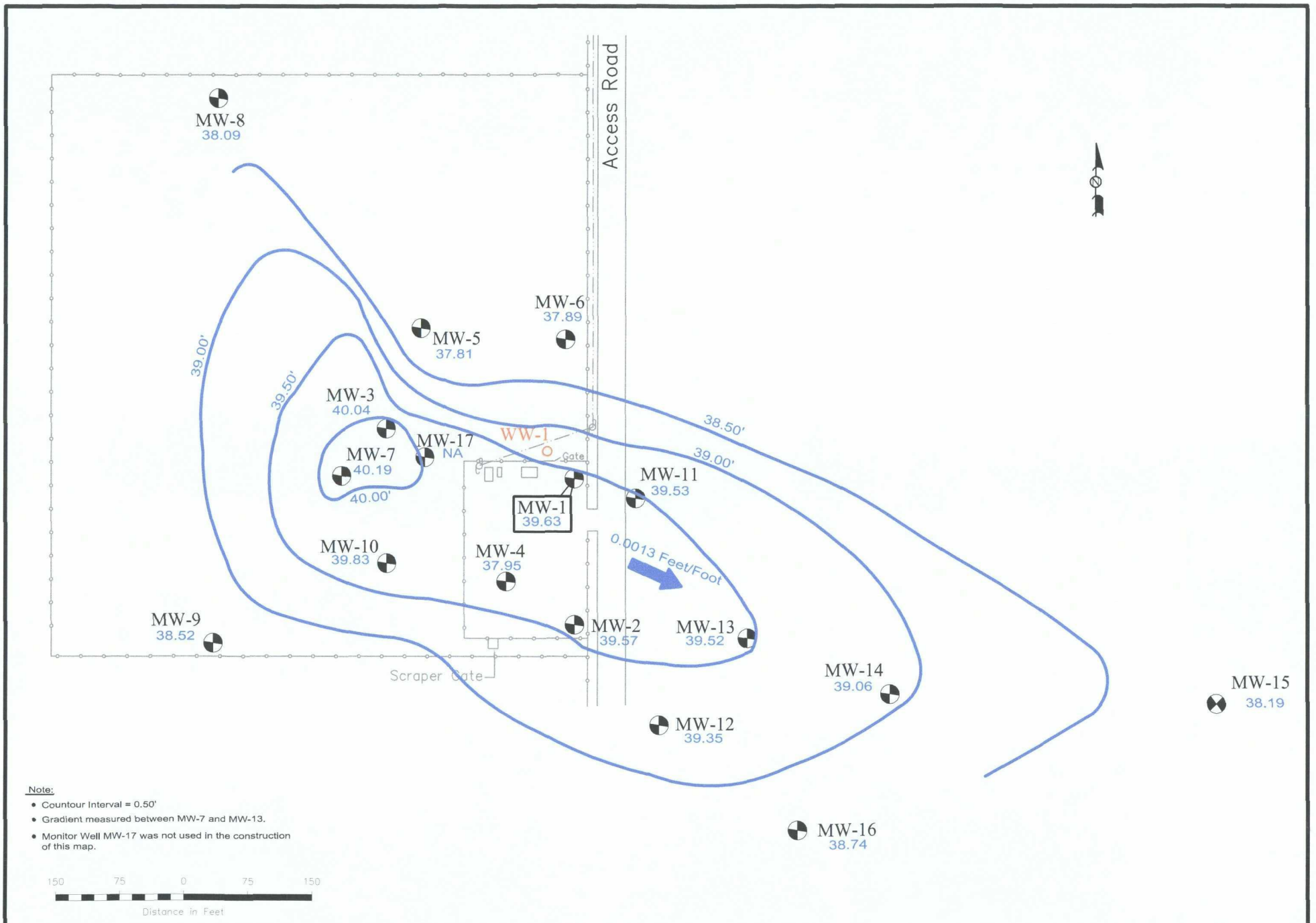
NMOCD Ref# 1R-0234

NOVA Safety and Environmemntal

NOVA safety and environmental	Scale: 1" = 5280'	Prep By: CDS	Checked By: TKC
	March 27, 2008	Lat. 32° 51' 42.4"N	Long. 103° 19' 54.4"


Access Road
MW-8
38.34
MW-5
40.10
MW-6
38.10
MW-3
40.20
MW-17
NA
MW-7
40.47
MW-1
39.85
MW-11
39.74
MW-10
40.07
MW-4
38.17
MW-2
39.80
MW-9
38.74
MW-13
39.74
MW-14
39.26
MW-12
39.58
MW-15
38.43
MW-16
38.93
WW-1
39.37
Gate
Scraper Gate
39.00'
39.50'
40.00'
38.50'
0.0014 Feet/Foot
N
Note:
Countour Interval = 0.50'
Gradient measured between MW-7 and MW-13
Monitor Well MW-17 was not used in the construction of this map.
150 75 0 75 150
Distance in Feet
Legend:
Monitor Well Location
Electric Line
Pipeline
(91.69) Grounwater Elevation (Feet)
Grounwater Elevation Contour Line
0.008 Feet/Foot
Groundwater Direction and Magnitude
NMOCD Ref# 1R-0234
Figure 2A
Inferred Groundwater Gradient
Map
(02/25/09)
Plains Marketing, L.P.
Denton Station
Lea County, NM
NOVA Safety and Environmental
NOVA
Scale: 1" = 150'
CAD By: SAT
Checked By: RKR
June 17, 2009
N 33° 01' 6.48" W 103° 09' 46.6"


Access Road
MW-8
38.22
38.50'
39.00'
39.50'
MW-5
40.05
MW-6
37.99
38.00'
38.50'
MW-3
40.11
40.00'
39.37
MW-17
NA
WW-1
Gate
39.00'
MW-7
40.26
39.50'
MW-1
39.60
MW-11
39.63
39.00'
38.50'
MW-4
38.04
MW-10
39.93
0.002
Feet/Foot
MW-9
38.62
MW-2
39.64
MW-13
39.62
39.50'
39.00'
Scraper Gate
39.50'
MW-14
39.17
39.00'
38.5
MW-15
38.31
39.50'
MW-12
39.48
38.5
39.00'
MW-16
38.84
Note:
Countour Interval = 0.50'
Gradient measured between MW-7 and MW-15.
Monitor Well MW-17 was not used in the construction of this map.
150
75
0
75
150
Distance In Feet
NOVA
safety and environmental
Legend:
Monitor Well Location
Electric Line
Pipeline
(91.69) Grounwater Elevation (Feet)
Grounwater Elevation Contour Line
0.008 Feet/Foot
Groundwater Direction and Magnitude
NMOCD Ref# 1R-0234
Figure 2B
Inferred Groundwater Gradient Map
(05/28/09)
Plains Marketing, L.P.
Denton Station
Lea County, NM
NOVA Safety and Environmental
Scale: 1" = 150'
CAD By: SAT
Checked By: RKR
June 18, 2009
N 33° 01' 6.48" W 103° 09' 46.6"



Note:

- Countour Interval = 0.50'
- Gradient measured between MW-7 and MW-13.
- Monitor Well MW-17 was not used in the construction of this map.

Legend:

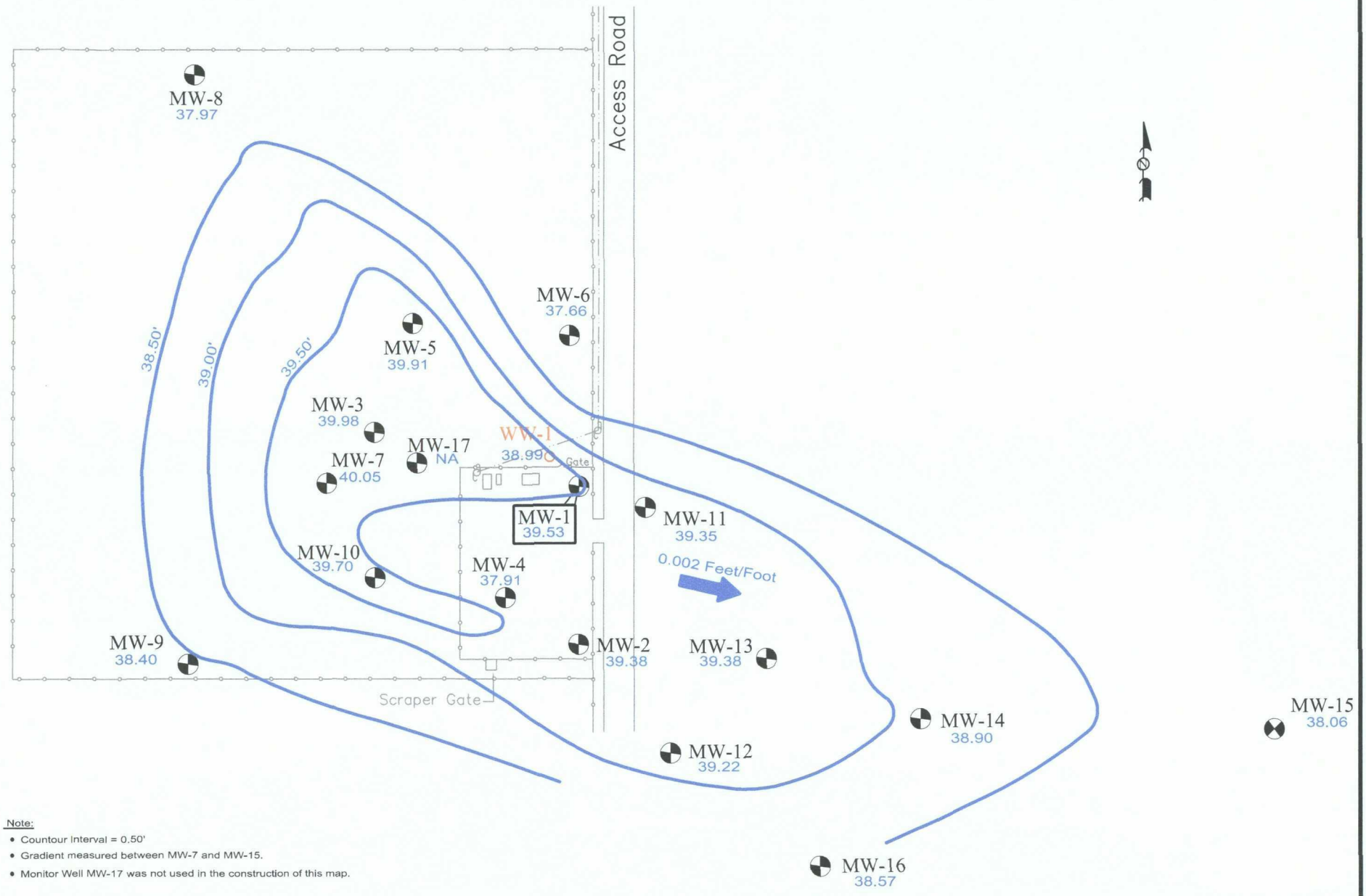
- Monitor Well Location
- Electric Line
- Pipeline
- (91.69) Grounwater Elevation (Feet)
- Grounwater Elevation Contour Line
- 0.008 Feet/Foot Groundwater Direction and Magnitude

NMOCD Ref# 1R-0234

Figure 2C
Inferred Groundwater Gradient Map
(08/20/09)
Plains Marketing, L.P.
Denton Station
Lea County, NM

NOVA Safety and Environmental

Scale: 1" = 150'	CAD By: SAT	Checked By: RKR
September 18, 2009	N 33° 01' 6.48" W 103° 09' 46.6	



Note:

- Countour Interval = 0.50'
- Gradient measured between MW-7 and MW-15.
- Monitor Well MW-17 was not used in the construction of this map.

Legend:

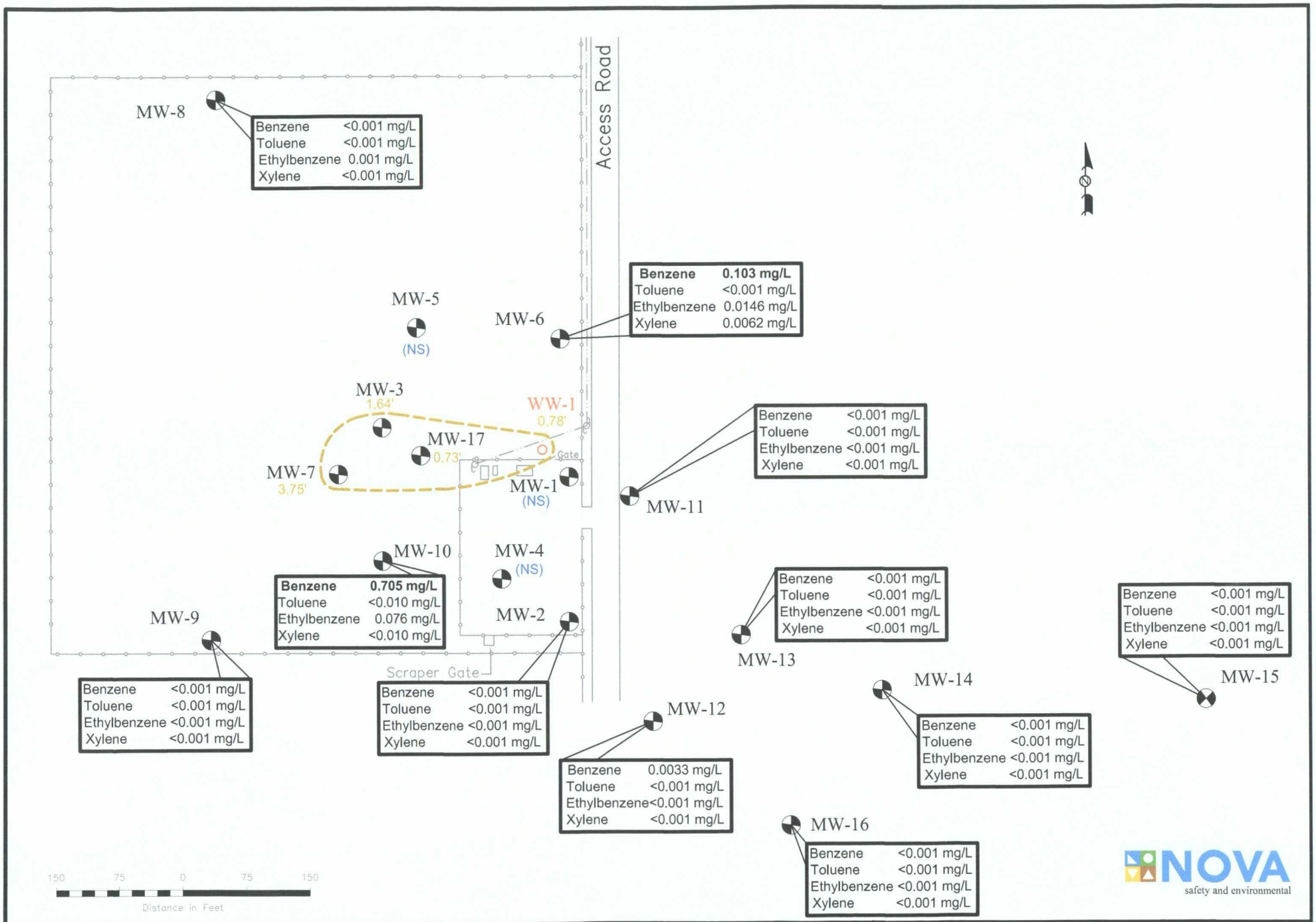
- Monitor Well Location
- Electric Line
- Pipeline
- (91.69) Grounwater Elevation (Feet)
- Grounwater Elevation Contour Line
- Groundwater Direction and Magnitude

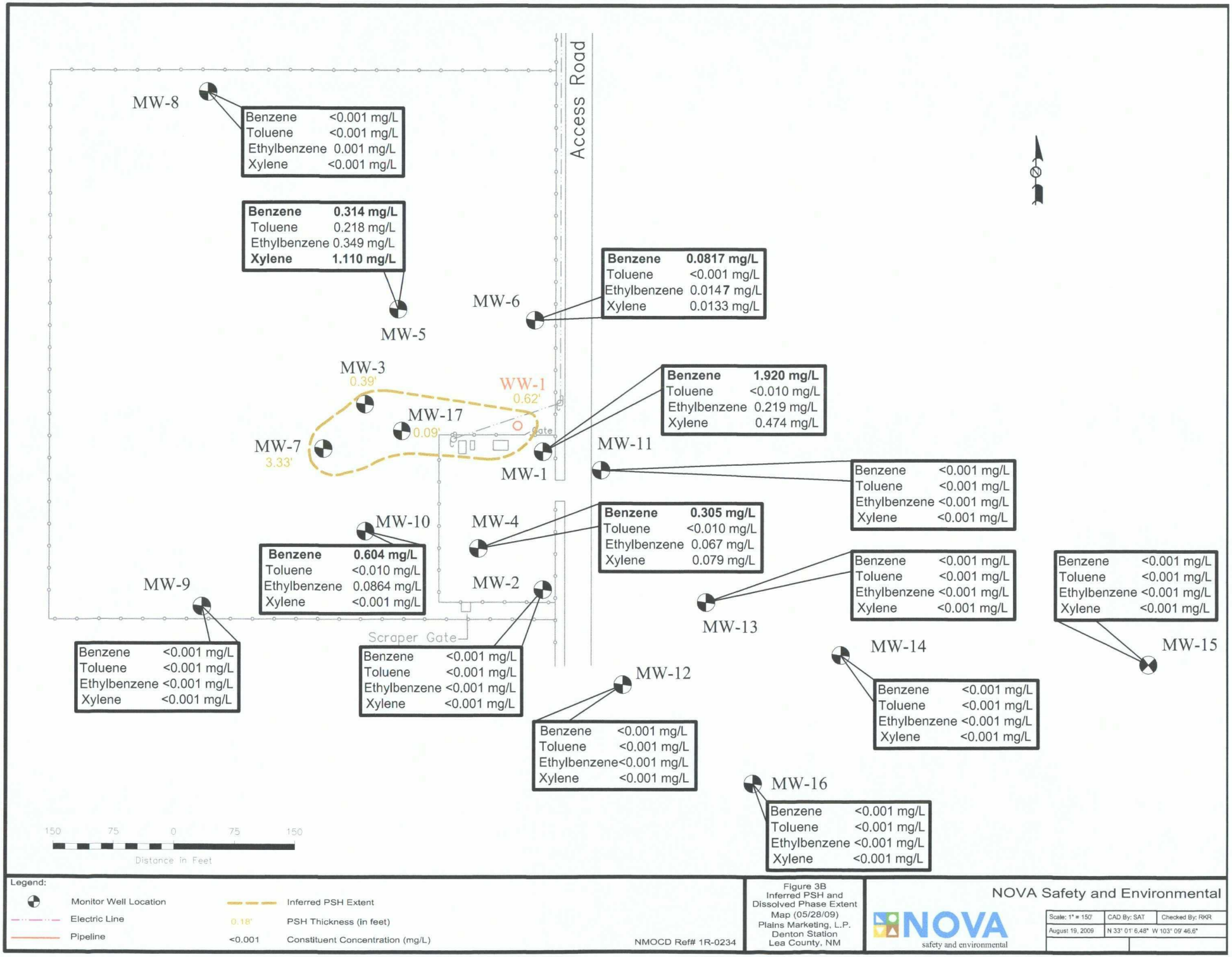
NMOCD Ref# 1R-0234

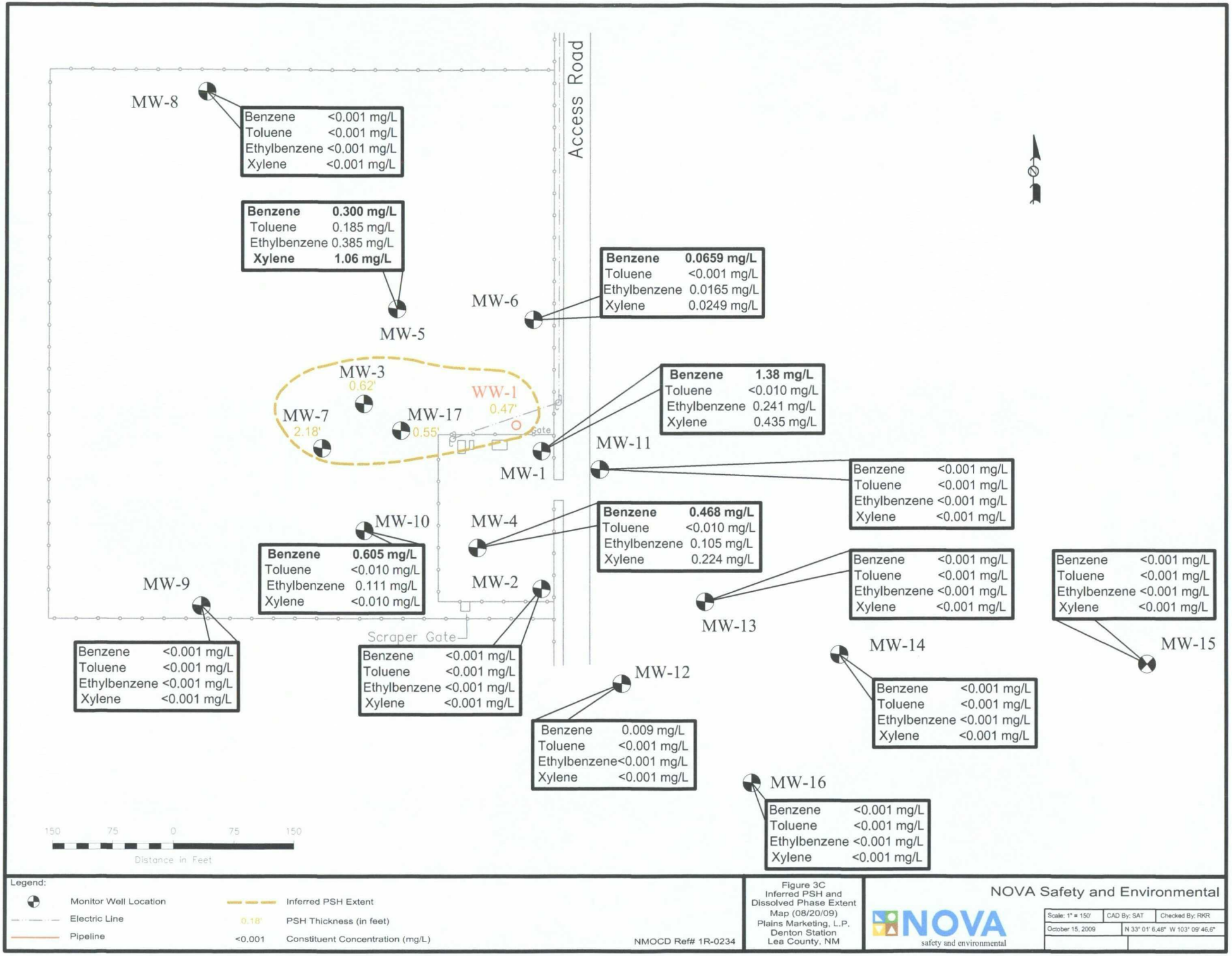
Figure 2D
Inferred Groundwater Gradient Map
(12/03/09 thru 12/04/09)
Plains Marketing, L.P.
Denton Station
Lea County, NM

NOVA Safety and Environmental

Scale: 1" = 150'	CAD By: SAT	Checked By: RKR
December 30, 2009	N 33° 01' 6.48" W 103° 09' 46.6"	


Access Road
MW-8
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene 0.001 mg/L
Xylene <0.001 mg/L
MW-5
(NS)
MW-6
Benzene 0.103 mg/L
Toluene <0.001 mg/L
Ethylbenzene 0.0146 mg/L
Xylene 0.0062 mg/L
MW-3
1.64'
WW-1
0.78'
MW-17
0.73'
MW-7
3.75'
Gate
MW-1
(NS)
MW-11
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-10
Benzene 0.705 mg/L
Toluene <0.010 mg/L
Ethylbenzene 0.076 mg/L
Xylene <0.010 mg/L
MW-4
(NS)
MW-9
MW-2
Scraper Gate
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-13
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-15
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-14
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-12
Benzene 0.0033 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-16
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
150 75 0 75 150
Distance in Feet
NOVA
safety and environmental
Legend:
Monitor Well Location
Electric Line
Pipeline
Inferred PSH Extent
0.18' PSH Thickness (In feet)
<0.001 Constituent Concentration (mg/L)
NMOCD Ref# 1R-0234
Figure 3A
Inferred PSH and
Dissolved Phase Extent
Map (02/25/09)
Plains Marketing, L.P.
Denton Station
Lea County, NM
NOVA Safety and Environmental
Scale: 1" = 150'
CAD By: SAT
Checked By: RKR
June 18, 2009
N 33° 01' 6.48" W 103° 09' 46.6"


Access Road
MW-8
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene 0.001 mg/L
Xylene <0.001 mg/L
Benzene 0.314 mg/L
Toluene 0.218 mg/L
Ethylbenzene 0.349 mg/L
Xylene 1.110 mg/L
MW-5
MW-6
Benzene 0.0817 mg/L
Toluene <0.001 mg/L
Ethylbenzene 0.0147 mg/L
Xylene 0.0133 mg/L
MW-3
0.39'
WW-1
0.62'
MW-17
0.09'
MW-7
3.33'
Gate
MW-1
Benzene 1.920 mg/L
Toluene <0.010 mg/L
Ethylbenzene 0.219 mg/L
Xylene 0.474 mg/L
MW-11
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-10
Benzene 0.604 mg/L
Toluene <0.010 mg/L
Ethylbenzene 0.0864 mg/L
Xylene <0.001 mg/L
MW-4
Benzene 0.305 mg/L
Toluene <0.010 mg/L
Ethylbenzene 0.067 mg/L
Xylene 0.079 mg/L
MW-9
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-2
Scraper Gate
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-13
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-15
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-14
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-12
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-16
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
150 75 0 75 150
Distance in Feet
Legend:
Monitor Well Location
Electric Line
Pipeline
Inferred PSH Extent
0.18' PSH Thickness (in feet)
<0.001 Constituent Concentration (mg/L)
NMOCD Ref# 1R-0234
Figure 3B
Inferred PSH and
Dissolved Phase Extent
Map (05/28/09)
Plains Marketing, L.P.
Denton Station
Lea County, NM
NOVA Safety and Environmental
NOVA
safety and environmental
Scale: 1" = 150'
CAD By: SAT
Checked By: RKR
August 19, 2009
N 33° 01' 6.48" W 103° 09' 46.6"


Access Road
MW-8
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
Benzene 0.300 mg/L
Toluene 0.185 mg/L
Ethylbenzene 0.385 mg/L
Xylene 1.06 mg/L
MW-5
MW-6
Benzene 0.0659 mg/L
Toluene <0.001 mg/L
Ethylbenzene 0.0165 mg/L
Xylene 0.0249 mg/L
MW-3
0.62'
WW-1
0.47'
MW-7
2.18'
MW-17
0.55'
gate
Benzene 1.38 mg/L
Toluene <0.010 mg/L
Ethylbenzene 0.241 mg/L
Xylene 0.435 mg/L
MW-11
MW-1
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-10
Benzene 0.605 mg/L
Toluene <0.010 mg/L
Ethylbenzene 0.111 mg/L
Xylene <0.010 mg/L
MW-4
Benzene 0.468 mg/L
Toluene <0.010 mg/L
Ethylbenzene 0.105 mg/L
Xylene 0.224 mg/L
MW-9
MW-2
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
Scraper Gate
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-13
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-15
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-14
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-12
Benzene 0.009 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-16
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
150 75 0 75 150
Distance in Feet
Legend:
Monitor Well Location
Electric Line
Pipeline
Inferred PSH Extent
0.18' PSH Thickness (in feet)
<0.001 Constituent Concentration (mg/L)
NMOCD Ref# 1R-0234
Figure 3C
Inferred PSH and Dissolved Phase Extent Map (08/20/09)
Plains Marketing, L.P.
Denton Station
Lea County, NM
NOVA Safety and Environmental
NOVA safety and environmental
Scale: 1" = 150'
CAD By: SAT
Checked By: RKR
October 15, 2009
N 33° 01' 6.48" W 103° 09' 46.6"

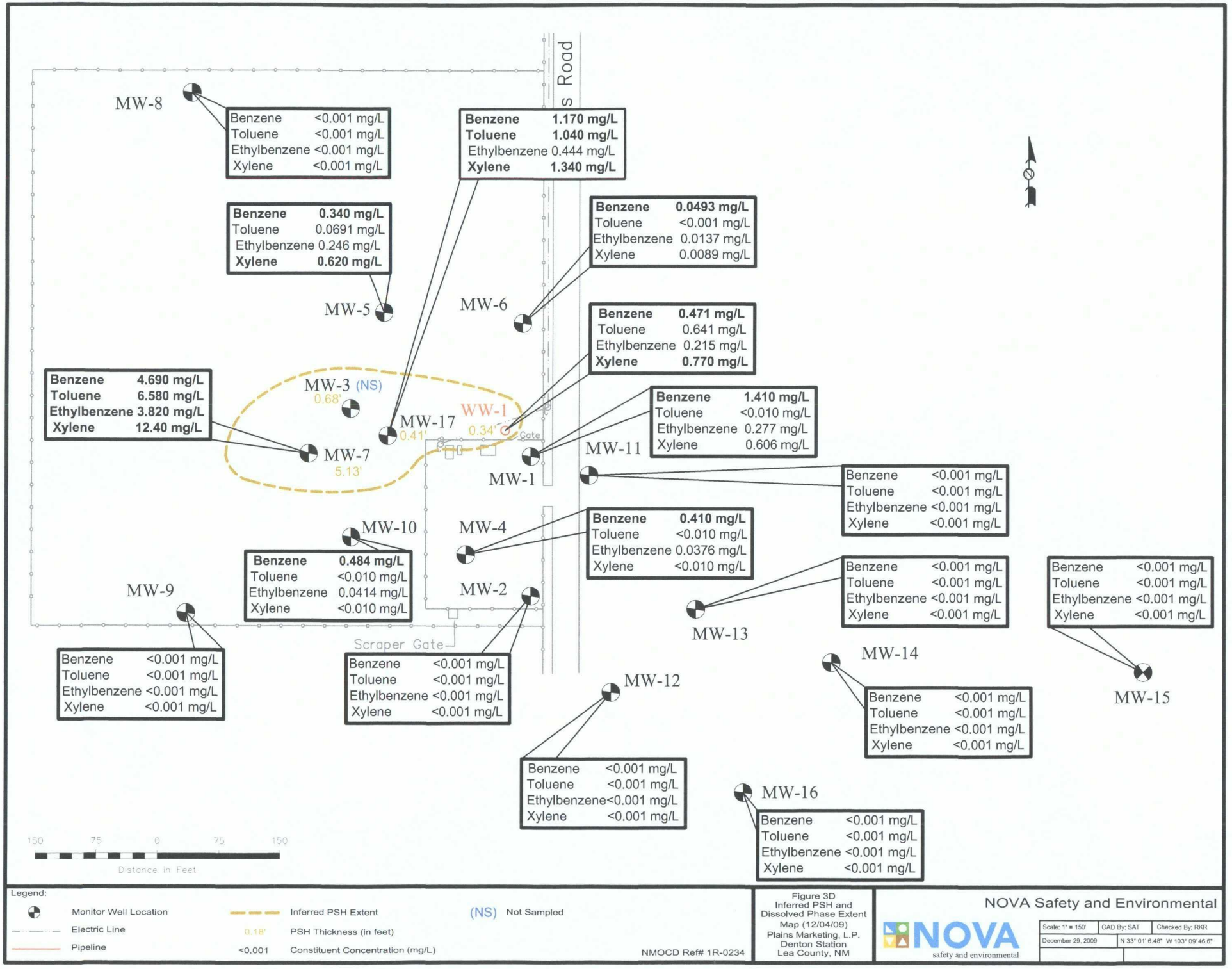


Figure 3D
Inferred PSH and Dissolved Phase Extent Map (12/04/09)
Plains Marketing, L.P.
Denton Station
Lea County, NM

NOVA Safety and Environmental

NOVA safety and environmental

Scale: 1" = 150'	CAD By: SAT	Checked By: RKR
December 29, 2009	N 33° 01' 6.48" W 103° 09' 46.6"	

Tables

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
DENTON STATION
LEA COUNTY, NM
NMOCD REFERENCE #1R-0234

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	01/09/09	101.96	-	62.09	0.00	39.87
MW - 1	01/13/09	101.96	-	62.03	0.00	39.93
MW - 1	01/20/09	101.96	-	62.16	0.00	39.80
MW - 1	02/03/09	101.96	-	62.22	0.00	39.74
MW - 1	02/17/09	101.96	-	62.15	0.00	39.81
MW - 1	*02/25/09*	101.96	-	62.11	0.00	39.85
MW - 1	03/03/09	101.96	-	62.13	0.00	39.83
MW - 1	03/10/09	101.96	-	62.22	0.00	39.74
MW - 1	03/24/09	101.96	-	62.19	0.00	39.77
MW - 1	03/31/09	101.96	-	62.21	0.00	39.75
MW - 1	04/07/09	101.96	-	62.25	0.00	39.71
MW - 1	04/14/09	101.96	-	62.21	0.00	39.75
MW - 1	04/21/09	101.96	-	62.22	0.00	39.74
MW - 1	04/28/09	101.96	-	62.23	0.00	39.73
MW - 1	05/12/09	101.96	-	62.28	0.00	39.68
MW - 1	05/15/09	101.96	-	62.25	0.00	39.71
MW - 1	05/27/09	101.96	-	62.27	0.00	39.69
MW - 1	*05/28/09*	101.96	-	62.29	0.00	39.67
MW - 1	06/09/09	101.96	-	62.28	0.00	39.68
MW - 1	06/18/09	101.96	-	62.26	0.00	39.70
MW - 1	06/23/09	101.96	-	62.30	0.00	39.66
MW - 1	06/29/09	101.96	-	62.30	0.00	39.66
MW - 1	07/07/09	101.96	-	62.31	0.00	39.65
MW - 1	07/14/09	101.96	-	62.34	0.00	39.62
MW - 1	07/27/09	101.96	-	62.34	0.00	39.62
MW - 1	08/03/09	101.96	-	62.39	0.00	39.57
MW - 1	08/11/09	101.96	-	62.43	0.00	39.53
MW - 1	*08/20/09*	101.96	-	62.33	0.00	39.63
MW - 1	08/26/09	101.96	-	62.34	0.00	39.62
MW - 1	08/31/09	101.96	-	62.32	0.00	39.64
MW - 1	09/08/09	101.96	-	62.40	0.00	39.56
MW - 1	09/14/09	101.96	-	62.44	0.00	39.52
MW - 1	09/22/09	101.96	-	62.36	0.00	39.60
MW - 1	09/29/09	101.96	-	62.50	0.00	39.46
MW - 1	10/06/09	101.96	-	62.47	0.00	39.49
MW - 1	10/18/09	101.96	-	62.48	0.00	39.48
MW - 1	10/26/09	101.96	-	62.46	0.00	39.50
MW - 1	11/03/09	101.96	-	62.45	0.00	39.51
MW - 1	11/10/09	101.96	-	62.45	0.00	39.51
MW - 1	11/18/09	101.96	-	62.50	0.00	39.46
MW - 1	11/24/09	101.96	-	62.46	0.00	39.50
MW - 1	12/01/09	101.96	-	62.43	0.00	39.53
MW - 1	*12/04/09*	101.96	-	62.43	0.00	39.53

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
DENTON STATION
LEA COUNTY, NM
NMOCD REFERENCE #1R-0234

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	*02/25/09*	99.83	-	60.03	0.00	39.80
MW - 2	*05/28/09*	99.83	-	60.19	0.00	39.64
MW - 2	*08/20/09*	99.83	-	60.26	0.00	39.57
MW - 2	*12/03/09*	99.83	-	60.45	0.00	39.38
MW - 3	01/09/09	99.51	58.77	ND	0.00	99.51
MW - 3	01/13/09	99.51	59.08	60.02	0.94	40.29
MW - 3	01/20/09	99.51	59.12	60.03	0.91	40.25
MW - 3	02/03/09	99.51	58.95	60.22	1.27	40.37
MW - 3	02/17/09	99.51	58.89	60.22	1.33	40.42
MW - 3	*02/25/09*	99.51	58.59	60.23	1.64	40.67
MW - 3	03/03/09	99.51	58.47	60.22	1.75	40.78
MW - 3	03/10/09	99.51	59.02	60.20	1.18	40.31
MW - 3	03/24/09	99.51	58.83	60.21	1.38	40.47
MW - 3	03/31/09	99.51	59.10	60.16	1.06	40.25
MW - 3	04/07/09	99.51	59.18	60.04	0.86	40.20
MW - 3	04/14/09	99.51	59.20	59.99	0.79	40.19
MW - 3	04/21/09	99.51	59.28	59.98	0.70	40.13
MW - 3	04/28/09	99.51	59.22	59.94	0.72	40.18
MW - 3	05/12/09	99.51	59.15	60.20	1.05	40.20
MW - 3	05/15/09	99.51	59.23	60.03	0.80	40.16
MW - 3	05/27/09	99.51	59.25	60.05	0.80	40.14
MW - 3	*05/28/09*	99.51	59.34	59.73	0.39	40.11
MW - 3	06/09/09	99.51	59.18	60.19	1.01	40.18
MW - 3	06/18/09	99.51	59.20	60.13	0.93	40.17
MW - 3	06/23/09	99.51	59.36	59.98	0.62	40.06
MW - 3	07/07/09	99.51	59.24	60.19	0.95	40.13
MW - 3	07/14/09	99.51	59.35	60.09	0.74	40.05
MW - 3	07/27/09	99.51	59.25	60.18	0.93	40.12
MW - 3	08/03/09	99.51	59.35	60.09	0.74	40.05
MW - 3	08/11/09	99.51	59.35	59.92	0.57	40.07
MW - 3	*08/20/09*	99.51	59.38	60.00	0.62	40.04
MW - 3	08/26/09	99.51	59.43	59.91	0.48	40.01
MW - 3	08/31/09	99.51	59.40	59.95	0.55	40.03
MW - 3	09/08/09	99.51	59.40	60.12	0.72	40.00
MW - 3	09/14/09	99.51	59.40	59.98	0.58	40.02
MW - 3	09/22/09	99.51	59.34	60.20	0.86	40.04
MW - 3	09/29/09	99.51	59.38	60.15	0.77	40.01
MW - 3	10/06/09	99.51	59.19	61.18	1.99	40.02
MW - 3	10/18/09	99.51	59.40	60.22	0.82	39.99
MW - 3	10/26/09	99.51	59.40	60.18	0.78	39.99
MW - 3	11/03/09	99.51	59.35	60.18	0.83	40.04
MW - 3	11/10/09	99.51	59.52	60.18	0.66	39.89
MW - 3	11/18/09	99.51	59.50	60.05	0.55	39.93
MW - 3	11/24/09	99.51	59.42	60.17	0.75	39.98

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
DENTON STATION
LEA COUNTY, NM
NMOCD REFERENCE #1R-0234

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	12/01/09	99.51	59.43	60.11	0.68	39.98
MW - 3	*12/04/09*	99.51	59.43	60.11	0.68	39.98
MW - 4	01/09/09	98.25	-	60.01	0.00	38.24
MW - 4	01/13/09	98.25	-	60.01	0.00	38.24
MW - 4	01/20/09	98.25	-	60.03	0.00	38.22
MW - 4	02/03/09	98.25	-	60.02	0.00	38.23
MW - 4	02/17/09	98.25	-	60.08	0.00	38.17
MW - 4	*02/25/09*	98.25	-	60.08	0.00	38.17
MW - 4	03/03/09	98.25	-	60.05	0.00	38.20
MW - 4	03/10/09	98.25	-	60.09	0.00	38.16
MW - 4	03/24/09	98.25	-	60.12	0.00	38.13
MW - 4	03/31/09	98.25	-	60.10	0.00	38.15
MW - 4	04/07/09	98.25	-	60.13	0.00	38.12
MW - 4	04/14/09	98.25	-	60.14	0.00	38.11
MW - 4	04/21/09	98.25	-	60.12	0.00	38.13
MW - 4	04/28/09	98.25	-	60.17	0.00	38.08
MW - 4	05/12/09	98.25	-	60.16	0.00	38.09
MW - 4	05/15/09	98.25	-	60.18	0.00	38.07
MW - 4	05/27/09	98.25	-	60.19	0.00	38.06
MW - 4	*05/28/09*	98.25	-	60.21	0.00	38.04
MW - 4	06/09/09	98.25	-	60.18	0.00	38.07
MW - 4	06/18/09	98.25	-	60.18	0.00	38.07
MW - 4	06/23/09	98.25	-	60.20	0.00	38.05
MW - 4	06/29/09	98.25	-	60.21	0.00	38.04
MW - 4	07/07/09	98.25	-	60.20	0.00	38.05
MW - 4	07/14/09	98.25	-	60.23	0.00	38.02
MW - 4	07/27/09	98.25	-	60.22	0.00	38.03
MW - 4	08/03/09	98.25	-	60.25	0.00	38.00
MW - 4	08/11/09	98.25	-	60.32	0.00	37.93
MW - 4	*08/20/09*	98.25	-	60.30	0.00	37.95
MW - 4	08/26/09	98.25	-	60.29	0.00	37.96
MW - 4	08/31/09	98.25	-	60.28	0.00	37.97
MW - 4	09/08/09	98.25	-	60.30	0.00	37.95
MW - 4	09/14/09	98.25	-	60.28	0.00	37.97
MW - 4	09/22/09	98.25	-	60.32	0.00	37.93
MW - 4	09/29/09	98.25	-	60.23	0.00	38.02
MW - 4	10/06/09	98.25	-	60.31	0.00	37.94
MW - 4	10/18/09	98.25	-	60.34	0.00	37.91
MW - 4	10/26/09	98.25	-	60.35	0.00	37.90
MW - 4	11/03/09	98.25	-	60.32	0.00	37.93
MW - 4	11/10/09	98.25	-	60.37	0.00	37.88
MW - 4	11/18/09	98.25	-	60.39	0.00	37.86
MW - 4	11/24/09	98.25	-	60.37	0.00	37.88
MW - 4	12/01/09	98.25	-	60.34	0.00	37.91

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
DENTON STATION
LEA COUNTY, NM
NMOCD REFERENCE #1R-0234

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	*12/04/09*	98.25	-	60.34	0.00	37.91
MW - 5	01/09/09	100.21	59.95	60.21	0.26	40.22
MW - 5	01/13/09	100.21	60.02	60.13	0.11	40.17
MW - 5	01/20/09	100.21	60.04	60.15	0.11	40.15
MW - 5	02/03/09	100.21	-	60.09	0.00	40.12
MW - 5	02/17/09	100.21	-	60.19	0.00	40.02
MW - 5	*02/25/09*	100.21	-	60.11	0.00	40.10
MW - 5	03/03/09	100.21	-	60.11	0.00	40.10
MW - 5	03/10/09	100.21	-	60.10	0.00	40.11
MW - 5	03/24/09	100.21	-	60.16	0.00	40.05
MW - 5	03/31/09	100.21	-	60.14	0.00	40.07
MW - 5	04/07/09	100.21	-	60.12	0.00	40.09
MW - 5	04/14/09	100.21	-	60.12	0.00	40.09
MW - 5	04/21/09	100.21	-	60.15	0.00	40.06
MW - 5	04/28/09	100.21	-	60.16	0.00	40.05
MW - 5	05/12/09	100.21	-	60.18	0.00	40.03
MW - 5	05/15/09	100.21	-	60.20	0.00	40.01
MW - 5	05/27/09	100.21	-	60.21	0.00	40.00
MW - 5	*05/28/09*	100.21	-	60.16	0.00	40.05
MW - 5	06/09/09	100.21	-	60.26	0.00	39.95
MW - 5	06/18/09	100.21	-	60.21	0.00	40.00
MW - 5	06/23/09	100.21	-	60.22	0.00	39.99
MW - 5	06/29/09	100.21	-	60.20	0.00	40.01
MW - 5	07/07/09	100.21	-	60.24	0.00	39.97
MW - 5	07/14/09	100.21	-	60.21	0.00	40.00
MW - 5	07/27/09	100.21	-	60.28	0.00	39.93
MW - 5	08/03/09	100.21	-	60.26	0.00	39.95
MW - 5	08/11/09	100.21	-	60.28	0.00	39.93
MW - 5	*08/20/09*	100.21	-	62.40	0.00	37.81
MW - 5	08/26/09	100.21	-	62.46	0.00	37.75
MW - 5	08/31/09	100.21	-	62.42	0.00	37.79
MW - 5	09/08/09	100.21	-	60.39	0.00	39.82
MW - 5	09/14/09	100.21	-	60.28	0.00	39.93
MW - 5	09/22/09	100.21	-	60.31	0.00	39.90
MW - 5	09/29/09	100.21	-	60.25	0.00	39.96
MW - 5	10/06/09	100.21	-	60.31	0.00	39.90
MW - 5	10/18/09	100.21	-	60.30	0.00	39.91
MW - 5	10/26/09	100.21	-	60.40	0.00	39.81
MW - 5	11/03/09	100.21	-	60.38	0.00	39.83
MW - 5	11/10/09	100.21	-	60.35	0.00	39.86
MW - 5	11/18/09	100.21	-	60.34	0.00	39.87
MW - 5	11/24/09	100.21	-	60.30	0.00	39.91
MW - 5	12/01/09	100.21	-	60.30	0.00	39.91
MW - 5	*12/04/09*	100.21	-	60.30	0.00	39.91

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
DENTON STATION
LEA COUNTY, NM
NMOCD REFERENCE #1R-0234

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	*02/25/09*	99.81	-	61.71	0.00	38.10
MW - 6	*05/28/09*	99.81	-	61.82	0.00	37.99
MW - 6	*08/20/09*	99.81	-	61.92	0.00	37.89
MW - 6	*12/03/09*	99.81	-	62.15	0.00	37.66
MW - 7	*02/25/09*	99.24	58.21	61.96	3.75	40.47
MW - 7	03/24/09	99.24	58.10	62.78	4.68	40.44
MW - 7	*05/28/09*	99.24	58.48	61.81	3.33	40.26
MW - 7	07/07/09	99.24	58.26	62.99	4.73	40.27
MW - 7	*08/20/09*	99.24	58.72	60.90	2.18	40.19
MW - 7	*12/04/09*	99.24	58.42	63.55	5.13	40.05
MW - 8	*02/25/09*	99.24	-	60.90	0.00	38.34
MW - 8	*05/28/09*	99.24	-	61.02	0.00	38.22
MW - 8	*08/20/09*	99.24	-	61.15	0.00	38.09
MW - 8	*12/03/09*	99.24	-	61.27	0.00	37.97
MW - 9	*02/25/09*	98.66	-	59.92	0.00	38.74
MW - 9	*05/28/09*	98.66	-	60.04	0.00	38.62
MW - 9	*08/20/09*	98.66	-	60.14	0.00	38.52
MW - 9	*12/03/09*	98.66	-	60.26	0.00	38.40
MW - 10	*02/25/09*	98.20	-	58.13	0.00	40.07
MW - 10	*05/28/09*	98.20	-	58.27	0.00	39.93
MW - 10	*08/20/09*	98.20	-	58.37	0.00	39.83
MW - 10	*12/04/09*	98.20	-	58.50	0.00	39.70
MW - 11	*02/25/09*	99.45	-	59.71	0.00	39.74
MW - 11	*05/28/09*	99.45	-	59.82	0.00	39.63
MW - 11	*08/20/09*	99.45	-	59.92	0.00	39.53
MW - 11	*12/03/09*	99.45	-	60.10	0.00	39.35
MW - 12	*02/25/09*	96.96	-	57.38	0.00	39.58
MW - 12	*05/28/09*	96.96	-	57.48	0.00	39.48
MW - 12	*08/20/09*	96.96	-	57.61	0.00	39.35
MW - 12	*12/03/09*	96.96	-	57.74	0.00	39.22
MW - 13	*02/25/09*	97.52	-	57.78	0.00	39.74
MW - 13	*05/28/09*	97.52	-	57.90	0.00	39.62
MW - 13	*08/20/09*	97.52	-	58.00	0.00	39.52
MW - 13	*12/03/09*	97.52	-	58.14	0.00	39.38
MW - 14	*02/25/09*	97.41	-	58.15	0.00	39.26
MW - 14	*05/28/09*	97.41	-	58.24	0.00	39.17

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
DENTON STATION
LEA COUNTY, NM
NMOCD REFERENCE #1R-0234

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	*08/20/09*	97.41	-	58.35	0.00	39.06
MW - 14	*12/03/09*	97.41	-	58.51	0.00	38.90
MW - 15	*02/25/09*	98.28	-	59.85	0.00	38.43
MW - 15	*05/28/09*	98.28	-	59.97	0.00	38.31
MW - 15	*08/20/09*	98.28	-	60.09	0.00	38.19
MW - 15	*12/03/09*	98.28	-	60.22	0.00	38.06
MW - 16	*02/25/09*	96.04	-	57.11	0.00	38.93
MW - 16	*05/28/09*	96.04	-	57.20	0.00	38.84
MW - 16	*08/20/09*	96.04	-	57.30	0.00	38.74
MW - 16	*12/03/09*	96.04	-	57.47	0.00	38.57
MW - 17	01/09/09	-	60.10	61.79	1.69	-60.35
MW - 17	01/13/09	-	60.40	60.98	0.58	-60.49
MW - 17	01/20/09	-	60.32	61.19	0.87	-60.45
MW - 17	02/03/09	-	60.11	61.34	1.23	-60.29
MW - 17	02/17/09	-	60.32	61.59	1.27	-60.51
MW - 17	*02/25/09*	-	60.45	61.18	0.73	-60.56
MW - 17	03/03/09	-	60.32	61.55	1.23	-60.50
MW - 17	03/10/09	-	60.50	61.08	0.58	-60.59
MW - 17	03/24/09	-	60.36	61.45	1.09	-60.52
MW - 17	03/31/09	-	60.46	61.08	0.62	-60.55
MW - 17	04/07/09	-	60.46	61.03	0.57	-60.55
MW - 17	04/14/09	-	60.48	61.02	0.54	-60.56
MW - 17	04/21/09	-	60.46	61.03	0.57	-60.55
MW - 17	04/28/09	-	60.55	61.05	0.50	-60.63
MW - 17	05/12/09	-	60.46	61.36	0.90	-60.60
MW - 17	05/15/09	-	60.56	61.04	0.48	-60.63
MW - 17	05/27/09	-	60.61	61.10	0.49	-60.68
MW - 17	*05/28/09*	-	60.59	60.68	0.09	-60.60
MW - 17	06/09/09	-	60.52	61.34	0.82	-60.64
MW - 17	06/18/09	-	60.58	61.23	0.65	-60.68
MW - 17	06/23/09	-	60.52	60.83	0.31	-60.57
MW - 17	06/29/09	-	60.69	61.04	0.35	-60.74
MW - 17	07/07/09	-	60.64	61.09	0.45	-60.71
MW - 17	07/14/09	-	60.65	61.08	0.43	-60.71
MW - 17	07/27/09	-	60.56	61.28	0.72	-60.67
MW - 17	08/03/09	-	60.54	61.01	0.47	-60.61
MW - 17	08/11/09	-	60.53	60.98	0.45	-60.60
MW - 17	*08/20/09*	-	60.55	61.10	0.55	-60.63
MW - 17	08/26/09	-	60.59	60.95	0.36	-60.64
MW - 17	08/31/09	-	60.58	60.88	0.30	-60.63
MW - 17	09/08/09	-	60.59	61.06	0.47	-60.66
MW - 17	09/14/09	-	60.60	60.92	0.32	-60.65

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
DENTON STATION
LEA COUNTY, NM
NMOCD REFERENCE #1R-0234

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	09/22/09	-	60.57	61.27	0.70	-60.68
MW - 17	09/29/09	-	60.61	61.01	0.40	-60.67
MW - 17	10/06/09	-	60.58	61.31	0.73	-60.69
MW - 17	10/18/09	-	60.61	61.15	0.54	-60.69
MW - 17	10/26/09	-	60.64	61.13	0.49	-60.71
MW - 17	11/03/09	-	60.65	61.08	0.43	-60.71
MW - 17	11/10/09	-	60.67	61.05	0.38	-60.73
MW - 17	11/18/09	-	60.70	61.01	0.31	-60.75
MW - 17	11/24/09	-	60.70	61.01	0.31	-60.75
MW - 17	12/01/09	-	60.72	61.13	0.41	-60.78
MW - 17	*12/04/09*	-	60.72	61.13	0.41	-60.78
WW - 1	01/09/09	100.16	60.53	61.80	1.27	39.44
WW - 1	*02/25/09*	100.16	60.67	61.45	0.78	39.37
WW - 1	03/24/09	100.16	60.74	61.25	0.51	39.34
WW - 1	*05/28/09*	100.16	60.80	61.42	0.62	39.27
WW - 1	07/07/09	100.16	60.88	61.35	0.47	39.21
WW - 1	*08/20/09*	100.16	60.93	61.40	0.47	39.16
WW - 1	*12/04/09*	100.16	61.12	61.46	0.34	38.99

** Complete Historical data Tables are presented on the attached CD.*

TABLE 2

2009 - CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
DENTON STATION
LEA COUNTY, NM
NMOCD REFERENCE #1R-0234

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	GRO C_6-C_{12}	DRO >C_{12}-C_{28}	METHODS: SW 846-8260b				
				BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Limit				**0.01**	**0.75**	**0.75**	**0.62**	
MW - 1	02/25/09			Not Sampled				
MW - 1	05/28/09			**1.920**	<0.010	0.219	0.474	
MW - 1	08/20/09			**1.380**	<0.010	0.241	0.435	
MW - 1	12/04/09			**1.410**	<0.010	0.277	0.606	
MW - 2	02/25/09			<0.001	<0.001	<0.001	<0.001	
MW - 2	05/28/09			<0.001	<0.001	<0.001	<0.001	
MW - 2	08/20/09			<0.001	<0.001	<0.001	<0.001	
MW - 2	12/03/09			<0.001	<0.001	<0.001	<0.001	
MW - 3	02/25/09			Not Sampled Due to PSH in Well				
MW - 3	05/28/09			Not Sampled Due to PSH in Well				
MW - 3	08/20/09			Not Sampled Due to PSH in Well				
MW - 3	12/03/09			Not Sampled Due to Insufficient Water Volume.				
MW - 4	02/25/09			Not Sampled				
MW - 4	05/28/09			**0.305**	<0.010	0.067	0.079	
MW - 4	08/20/09			**0.468**	<0.010	0.105	0.224	
MW - 4	12/04/09			**0.410**	<0.010	0.0376	<0.010	
MW - 5	02/25/09			Not Sampled				
MW - 5	05/28/09			**0.314**	0.218	0.349	**1.110**	
MW - 5	08/20/09			**0.300**	0.185	0.385	**1.060**	
MW - 5	12/04/09			**0.340**	0.0691	0.246	**0.620**	
MW - 6	02/25/09			**0.1030**	<0.001	0.0146	0.0062	
MW - 6	05/28/09			**0.0817**	<0.001	0.0147	0.0133	
MW - 6	08/20/09			**0.0659**	<0.001	0.0165	0.0249	
MW - 6	12/03/09	1.17	13.3	**0.0493**	<0.001	0.0137	0.0089	
MW - 7	02/25/09			Not Sampled Due to PSH in Well				
MW - 7	05/28/09			Not Sampled Due to PSH in Well				
MW - 7	08/20/09			Not Sampled Due to PSH in Well				
MW - 7	12/04/09	**151**	**19.4**	**4.690**	**6.580**	**3.820**	**12.40**	
MW - 8	02/25/09			<0.001	<0.001	0.001	<0.001	
MW - 8	05/28/09			<0.001	<0.001	<0.001	<0.001	
MW - 8	08/20/09			<0.001	<0.001	<0.001	<0.001	
MW - 8	12/03/09			<0.001	<0.001	<0.001	<0.001	
MW - 9	02/25/09			<0.001	<0.001	<0.001	<0.001	
MW - 9	05/28/09			<0.001	<0.001	<0.001	<0.001	
MW - 9	08/20/09			<0.001	<0.001	<0.001	<0.001	
MW - 9	12/03/09			<0.001	<0.001	<0.001	<0.001	

TABLE 2

2009 - CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
DENTON STATION
LEA COUNTY, NM
NMOCD REFERENCE #1R-0234

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	GRO C_6-C_{12}	DRO $>C_{12}$-C_{28}	METHODS: SW 846-8260b				
				BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Limit				**0.01**	**0.75**	**0.75**	**0.62**	
MW - 10	02/25/09			**0.705**	<0.010	0.0760	<0.001	
MW - 10	05/28/09			**0.604**	<0.010	0.0864	<0.001	
MW - 10	08/20/09			**0.605**	<0.010	0.1110	<0.001	
MW - 10	12/04/09			**0.484**	<0.010	0.0414	<0.010	
MW - 11	02/25/09			<0.001	<0.001	<0.001	<0.001	
MW - 11	05/28/09			<0.001	<0.001	<0.001	<0.001	
MW - 11	08/20/09			<0.001	<0.001	<0.001	<0.001	
MW - 11	12/03/09			<0.001	<0.001	<0.001	<0.001	
MW - 12	02/25/09			0.0033	<0.001	<0.001	<0.001	
MW - 12	05/28/09			<0.001	<0.001	<0.001	<0.001	
MW - 12	08/20/09			0.0090	<0.001	<0.001	<0.001	
MW - 12	12/03/09			<0.001	<0.001	<0.001	<0.001	
MW - 13	02/25/09			<0.001	<0.001	<0.001	<0.001	
MW - 13	05/28/09			<0.001	<0.001	<0.001	<0.001	
MW - 13	08/20/09			<0.001	<0.001	<0.001	<0.001	
MW - 13	12/03/09			<0.001	<0.001	<0.001	<0.001	
MW - 14	02/25/09			<0.001	<0.001	<0.001	<0.001	
MW - 14	05/28/09			<0.001	<0.001	<0.001	<0.001	
MW - 14	08/20/09			<0.001	<0.001	<0.001	<0.001	
MW - 14	12/03/09			<0.001	<0.001	<0.001	<0.001	
MW - 15	02/25/09			<0.001	<0.001	<0.001	<0.001	
MW - 15	05/28/09			<0.001	<0.001	<0.001	<0.001	
MW - 15	08/20/09			<0.001	<0.001	<0.001	<0.001	
MW - 15	12/03/09			<0.001	<0.001	<0.001	<0.001	
MW - 16	02/25/09			<0.001	<0.001	<0.001	<0.001	
MW - 16	05/28/09			<0.001	<0.001	<0.001	<0.001	
MW - 16	08/20/09			<0.001	<0.001	<0.001	<0.001	
MW - 16	12/03/09			<0.001	<0.001	<0.001	<0.001	
MW - 17	02/25/09			Not Sampled Due to PSH in Well				
MW - 17	05/28/09			Not Sampled Due to PSH in Well				
MW - 17	08/20/09			Not Sampled Due to PSH in Well				
MW - 17	12/04/09	17	<5.00	**1.170**	**1.040**	0.444	**1.340**	
WW - 1	02/25/09			Not Sampled Due to PSH in Well				
WW - 1	05/28/09			Not Sampled Due to PSH in Well				
WW - 1	08/20/09			Not Sampled Due to PSH in Well				
WW - 1	12/04/09	6.89	8.56	**0.471**	0.641	0.215	**0.770**	

** Complete Historical Data Tables are presented on the attached CD.*

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
DENTON STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER #1R-0234

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	Naphthalene	Phenanthrene	Pyrene	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**	—	—	**0.03 mg/L**		—
MW-1	12/11/08	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0589	<0.000922	**0.135**	0.0849	<0.000922	**0.397**	**0.529**	0.024
	12/03/09	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.0262	<0.000917	**0.0776**	0.0356	<0.000917	**0.204**	**0.286**	0.00956
MW-2	12/11/08	<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	<0.000183
	12/03/09	<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
MW-3	12/11/08	INSUFFICIENT WATER VOLUME TO SAMPLE																		
	12/03/09	INSUFFICIENT WATER VOLUME TO SAMPLE																		
MW-4	12/11/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.00202	<0.000185	0.00565	0.001	<0.000185	0.00523	0.00331	0.00141
	12/03/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00140	<0.000184	0.00532	0.000405	<0.000184	0.00272	0.00179	0.000877
MW-5	12/11/08	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.0758	<0.000917	**0.376**	0.115	<0.000917	**0.949**	**1.26**	0.041
	12/03/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00325	<0.000184	**0.0305**	0.00328	<0.000184	**0.0414**	**0.0374**	0.00208
MW-6	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00226	<0.000184	0.00187	0.0006	<0.000184	0.00275	0.00193	0.00128
	12/03/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00686	<0.000183	0.0102	0.00871	<0.000183	**0.0428**	**0.0553**	0.00305
MW-7	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.0218	<0.000183	**0.147**	0.0367	<0.000183	**0.265**	**0.339**	0.0153
	12/03/09	<0.000917	0.0270	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.105	<0.000917	**0.416**	0.149	<0.000917	**1.04**	**1.43**	0.0663
MW-8	12/11/08	<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
	12/03/09	<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
MW-9	12/11/08	<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	<0.000183
	12/03/09	<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

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
DENTON STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER #1R-0234

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	Naphthalene	Phenanthrene	Pyrene	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**	—	—	**0.03 mg/L**		—
MW-10	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000652	<0.000184	0.000526	<0.000184	<0.000184	0.00118	0.000314	0.000623
	12/03/09	<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	0.000525	<0.000183	<0.000183	0.00118	<0.000183	0.000772
MW-11	12/11/08	<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	<0.000183
	12/03/09	<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
MW-12	12/11/08	<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	<0.000183
	12/03/09	<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
MW-13	12/11/08	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187
	12/03/09	<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
MW-14	12/11/08	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186
	12/03/09	<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
MW-15	12/11/08	<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
	12/03/09	<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
MW-16	12/11/08	<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	<0.000183
	12/03/09	<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
MW-17	12/11/08	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0694	<0.000922	**0.398**	0.113	<0.000922	**0.888**	**1.24**	0.0437
	12/03/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0709	<0.000922	**0.270**	0.102	<0.000922	**0.704**	**0.946**	0.0444
WW-1	12/11/08	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0757	<0.000922	**0.382**	0.122	<0.000922	**0.934**	**1.38**	0.027
	12/03/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00792	<0.000183	**0.0355**	0.0110	<0.000183	**0.0772**	**0.105**	0.00423