1R - 234

Annual GW Mon. REPORTS

DATE:

2007

2007
ANNUAL MONITORING REPORT

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

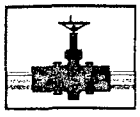
PREPARED BY:

NOVA Safety and Environmental
2057 Commerce
Midland, Texas 79703

March 2008

Curt D. Stanley
Project Manager

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



RECEIVED
2008 APR 1 PM 2 07

March 28, 2008

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

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

Dear Mr. Hansen:

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

TNM 97-17	Section 21, Township 20 South, Range 37 East, Lea County
TNM 97-18	Section 28, Township 20 South, Range 37 East, Lea County
TNM 98-05A	Section 26, Township 21 South, Range 37 East, Lea County
TNM 98-05B	Section 26, Township 21 South, Range 37 East, Lea County
TNM 97-04	Section 11, Township 16 South, Range 35 East, Lea County
Texaco Skelly "F"	Section 21, Township 20 South, Range 37 East, Lea County
Darr Angell #2	Section 14, Township 15 South, Range 37 East, Lea County
LF-59	Section 32, Township 19 South, Range 37 East, Lea County
SPS-11	Section 18, Township 18 South, Range 36 East, Lea County
Monument #10	Section 32, Township 19 South, Range 37 East, Lea County
Monument #17	Section 29, Township 19 South, Range 37 East, Lea County
Monument #18	Section 7, Township 20 South, Range 37 East, Lea County
Lea Station to Monument 6"	Section 5, Township 20 South, Range 37 East, Lea County
34 Junction South Station	Section 2, Township 17 South, Range 36 East, Lea County
Bob Durham	Section 32, Township 19 South, Range 37 East, Lea County
Darr Angell #1	Section 11, Township 15 South, Range 37 East, Lea County
Darr Angell #4	Sections 2 and 11, Township 15 South, Range 37 East, Lea County
HDO 90-23	Section 6, Township 20 South, Range 37 East, Lea County
Junction 34 to Lea	Section 21, Township 20 South, Range 37 East, Lea County
Monument #2	Section 6, Township 20 South, Range 37 East, Lea County
Monument Barber 10" Sour	Section 32, Township 19 South, Range 37 East, Lea County
Monument #11	Section 30, Township 19 South, Range 37 East, Lea County
Red Byrd #1	Section 1, Township 20 South, Range 36 East, Lea County
South Monument Gathering	Section 5, Township 20 South, Range 37 East, Lea County
Denton Station	Section 14, Township 15 South, Range 37 East, Lea County

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

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

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

Sincerely,

Camille Reynolds

Camille Reynolds
Remediation Coordinator
Plains All American

CC: Larry Johnson, NMOCD, Hobbs, NM

Enclosures

TABLE OF CONTENTS

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 1st quarter sampling event was conducted by Environmental Plus Inc., of Eunice, New Mexico. 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 2007 only. However, historic data tables as well as 2007 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 2007 to assess the extent of dissolved phase and Phase Separated Hydrocarbon (PSH) impact at the site. 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 not sampled.

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).

In December 1992, SPLC conducted a soil investigation at the site, consisting of seven soil borings advanced to depths of 6.5 to 22 feet bgs. The investigation indicated the plume had not been adequately defined by the soil borings.

In February 1993, four soil borings were advanced to complete the delineation of impacted soil. Analytical results indicated soil samples collected during the advancement of the soil samples were below NMOCD regulatory action levels. Groundwater was not encountered during the advancement of the soil borings; however crude oil (7.97 feet) was reported in the out of service water well (WW-1).

In May 1994, eight soil borings were advanced to further delineate the hydrocarbon impact to the soil and begin groundwater delineation. During the advancement of the soil borings, six of the soil borings were converted to monitor wells. The analytical results of groundwater samples collected from the monitor wells indicated additional groundwater delineation was required

along the eastern boundary of the facility.

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 the 2nd, 3rd and 4th quarters the reporting period. Manual product recovery was performed on those wells not included in the automated recovery system.

RECENT FIELD ACTIVITIES

A measurable thickness of PSH was present in five monitor wells (MW-1, MW-3, MW-5, MW-7 and MW-17) and the out of service water well (WW-1) during each quarter of the reporting period. A sheen was reported in monitor well MW-4 in the 2nd, 3rd and 4th quarters and in monitor well MW-6 in the 2nd quarter. The average thickness of PSH in monitor wells exhibiting PSH and the out of service water well is 1.30 feet. The maximum thickness of PSH in monitor or water well was 6.43 feet as recorded in monitor well MW-17 on October 10, 2007. PSH data for the 2007 gauging events can be found in Table 1. Approximately 289 gallons (7 barrels) of PSH were recovered from the site during this reporting period. Approximately 6,999 gallons (167 barrels) of PSH have been recovered from the site utilizing manual and automated methods since project inception.

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 March 15, June 5, September 4, and November 28, 2007. 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 obtained using disposable Teflon samplers. Water samples were collected in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of at a licensed disposal facility.

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

The most recent Groundwater Gradient map, Figure 2D, indicates a general gradient of approximately 0.002 feet/foot to the southeast as measured between recovery well MW-4 and monitor well MW-15. This is consistent with data presented on Figures 2A through 2C from the earlier quarters.

LABORATORY RESULTS

A measurable thickness of PSH was present in five monitor wells (MW-1, MW-3, MW-5, MW-7 and MW-17) and the out of service water well (WW-1) during each quarter of the reporting period. A sheen was reported in monitor well MW-4 in the 2nd, 3rd and 4th quarters and in monitor well MW-6 in the 2nd quarter.

Groundwater samples collected during 1st quarter of the reporting period were delivered to Environmental Lab of Texas of Odessa, Texas and analyzed for Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) constituent analysis utilizing EPA Method SW 846-8021b. Groundwater samples collected during 2nd, 3rd and 4th quarters of the reporting period were delivered to TraceAnalysis, Inc. of Lubbock, Texas and analyzed for Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) constituent analysis utilizing EPA Method SW 846-8021b. Analytical results of BTEX constituent concentrations for 2007 are summarized on Table 2. Historical BTEX constituent concentrations and copies of the laboratory reports for 2007 are provided on the enclosed data disk. The quarterly groundwater analytical results are depicted on the Groundwater Concentration and Inferred PSH Extent Maps, Figures 3A-3D.

Monitor well MW-1 is monitored on a quarterly schedule. Monitor well MW-1 was not sampled during any of four quarters of the reporting period, due to the reported presence of PSH in the monitor well during the 2nd, 3rd, and 4th quarters. The monitor well was not gauged during the 1st quarter sampling event; data prior to and following the 1st quarter sampling event indicates PSH was likely present. PSH thicknesses of 0.21 feet, 0.38 feet, and 0.03 feet were reported during the 2nd, 3rd and 4th quarters of 2007, respectively.

Monitor well MW-2 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from below the laboratory method detection limit (MDL) during the 2nd, 3rd and 4th quarters of the reporting period to 3.5 mg/L during the 1st quarter. Benzene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. Toluene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 6.06 mg/L during the 1st quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. Ethylbenzene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 0.889 mg/L during the 1st quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. Xylene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 1.44 mg/L during the 1st quarter of the reporting period. Xylene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. **Please note, the 1st quarter 2007 analytical data is incongruous with prior and subsequent analytical data and historical trends of this monitor well, indicating the 1st quarter data is likely erroneous.**

Monitor well MW-3 is monitored on a quarterly schedule. Monitor well MW-3 was not sampled during any of four quarters of the reporting period, due to the reported presence of PSH in the monitor well during the 2nd, 3rd, and 4th quarters. The monitor well was not gauged during the 1st quarter sampling event; data prior to and following the 1st quarter sampling events indicates PSH was likely present. PSH thicknesses of 2.63 feet, 1.66 feet, and 2.14 feet were reported during the 2nd, 3rd and 4th quarters of 2007, respectively.

Monitor well MW-4 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.245 mg/L during the 2nd quarter of the reporting period to 3.59 mg/L during the 1st quarter. Benzene concentrations were above the NMOCD regulatory standard during all four quarterly sampling events. Toluene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 5.82 mg/L during the 1st quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. Ethylbenzene concentrations ranged from 0.039 mg/L during the 4th quarter to 0.848 mg/L during the 1st quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. Xylene concentrations ranged from below the MDL during the 4th quarter to 1.327 mg/L during the 1st quarter of the reporting period. Xylene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events.

Monitor well MW-5 is monitored on a quarterly schedule. Monitor well MW-5 was not sampled during any of four quarters of the reporting period, due to the reported presence of PSH in the monitor well during the 2nd, 3rd, and 4th quarters. The monitor well was not gauged during the 1st quarter sampling event; data prior to and following the 1st quarter sampling event indicates PSH was likely present. PSH thicknesses of 0.09 feet, 0.41 feet, and 0.04 feet were reported during the 2nd, 3rd and 4th quarters of 2007, respectively.

Monitor well MW-6 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.101 mg/L during the 4th quarter of the reporting period to 1.070 mg/L during the 1st quarter. Benzene concentrations were above the NMOCD regulatory standard during all four quarterly sampling events. Toluene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 2.38 mg/L during the 1st quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. Ethylbenzene concentrations ranged from below the MDL during the 4th quarter to 0.454 mg/L during the 1st quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory standard during all four quarterly sampling events. Xylene concentrations ranged from below the MDL during the 4th quarter to 0.733 mg/L during the 1st quarter of the reporting period. Xylene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events.

Monitor well MW-7 is monitored on a quarterly schedule. Monitor well MW-7 was not sampled during any of four quarters of the reporting period, due to the reported presence of PSH in the monitor well during the 2nd, 3rd, and 4th quarters. The monitor well was not gauged during the 1st quarter sampling event; data prior to and following the 1st quarter sampling event indicates PSH was likely present. PSH thicknesses of 0.05 feet, 0.86 feet, and 0.09 feet were reported during the 2nd, 3rd and 4th quarters of 2007, respectively.

Monitor well MW-8 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters of the reporting period to 0.943 mg/L during the 1st quarter. Benzene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. Toluene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 2.2 mg/L during the 1st quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. Ethylbenzene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 0.426 mg/L during the 1st quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory standard during the all four quarterly sampling events. Xylene concentrations ranged from below the MDL during the 4th quarter to 0.733 mg/L during the 1st quarter of the reporting period. Xylene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. **Please note, the 1st quarter 2007 analytical data is incongruous with prior and subsequent analytical data and historical trends of this monitor well, indicating the 1st quarter data is likely erroneous.**

Monitor well MW-9 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters of the reporting period to 0.735 mg/L during the 1st quarter. Benzene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. Toluene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 1.78 mg/L during the 1st quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. Ethylbenzene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 0.349 mg/L during the 1st quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory standard during all four quarterly sampling events. Xylene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 0.559 mg/L during the 1st quarter of the reporting period. Xylene concentrations were below the NMOCD regulatory standard during all four quarterly sampling events. **Please note, the 1st quarter 2007 analytical data is incongruous with prior and subsequent analytical data and historical trends of this monitor well, indicating the 1st quarter data is likely erroneous.**

Monitor well MW-10 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.421 mg/L during the 3rd quarter of the reporting period to 0.978 mg/L during the 1st quarter. Benzene concentrations were above the NMOCD regulatory standard during all four quarterly sampling events. Toluene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 1.67 mg/L during the 1st quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. Ethylbenzene concentrations ranged from 0.050 mg/L during the 3rd quarter to 0.380 mg/L during the 1st quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory standard during all four quarterly sampling events. Xylene concentrations ranged from below the MDL during the 3rd and 4th quarter to 0.587 mg/L during the 1st quarter of the reporting period. Xylene concentrations were below the NMOCD regulatory standard during all four quarterly sampling events.

Monitor well MW-11 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters of the reporting period to 1.590 mg/L during the 1st quarter. Benzene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. Toluene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 3.68 mg/L during the 1st quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. Ethylbenzene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 0.666 mg/L during the 1st quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory standard during all four quarterly sampling events. Xylene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 1.082 mg/L during the 1st quarter of the reporting period. Xylene concentrations were below the NMOCD regulatory standard during 2nd, 3rd and 4th quarterly sampling events. **Please note, the 1st quarter 2007 analytical data is incongruous with prior and subsequent analytical data and historical trends of this monitor well, indicating the 1st quarter data is likely erroneous.**

Monitor well MW-12 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.068 mg/L during the 4th quarter of the reporting period to 0.864 mg/L during the 1st quarter. Benzene concentrations were above the NMOCD regulatory standard during all four quarterly sampling events. Toluene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 1.61 mg/L during the 1st quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. Ethylbenzene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 0.335 mg/L during the 1st quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory standard during all four quarterly sampling events. Xylene concentrations ranged from below the MDL during the 2nd, 3rd, and 4th quarters to 0.532 mg/L during the 1st quarter of the reporting period. Xylene concentrations were below the NMOCD regulatory standard during all four quarterly sampling events.

Monitor well MW-13 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters of the reporting period to 0.730 mg/L during the 1st quarter. Benzene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. Toluene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 1.79 mg/L during the 1st quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. Ethylbenzene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 0.364 mg/L during the 1st quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory standard during all four quarterly sampling events. Xylene concentrations ranged from below the MDL during the 2nd and 3rd quarters to 0.579 mg/L during the 1st quarter of the reporting period. Xylene concentrations were below the NMOCD regulatory standard during all four quarterly sampling events. **Please note, the 1st quarter 2007 analytical data is incongruous with prior and subsequent analytical data and historical trends of this monitor well, indicating the 1st quarter data is likely erroneous.**

Monitor well MW-14 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters of the reporting period to 0.990 mg/L during the 1st quarter. Benzene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. Toluene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 2.58 mg/L during the 1st quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. Ethylbenzene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 0.578 mg/L during the 1st quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory standard during the all four quarterly sampling events. Xylene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 0.939 mg/L during the 1st quarter of the reporting period. Xylene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. **Please note, the 1st quarter 2007 analytical data is incongruous with prior and subsequent analytical data and historical trends of this monitor well, indicating the 1st quarter data is likely erroneous.**

Monitor well MW-15 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters of the reporting period to 1.11 mg/L during the 1st quarter. Benzene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. Toluene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 2.69 mg/L during the 1st quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. Ethylbenzene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 0.567 mg/L during the 1st quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory standard during the all four quarterly sampling events. Xylene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 0.925 mg/L during the 1st quarter of the reporting period. Xylene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. **Please note, the 1st quarter 2007 analytical data is incongruous with prior and subsequent analytical data and historical trends of this monitor well, indicating the 1st quarter data is likely erroneous.**

Monitor well MW-16 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters of the reporting period to 1.49 mg/L during the 1st quarter. Benzene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. Toluene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 3.26 mg/L during the 1st quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. Ethylbenzene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 0.648 mg/L during the 1st quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory standard during the all four quarterly sampling events. Xylene concentrations ranged from below the MDL during the 2nd, 3rd and 4th quarters to 1.06 mg/L during the 1st quarter of the reporting period. Xylene concentrations were below the NMOCD regulatory standard during the 2nd, 3rd and 4th quarterly sampling events. **Please note, the 1st quarter 2007 analytical data is**

incongruous with prior and subsequent analytical data and historical trends of this monitor well, indicating the 1st quarter data is likely erroneous.

Monitor well MW-17 is monitored on a quarterly schedule. Monitor well MW-17 was not sampled during any of four quarters of the reporting period, due to the reported presence of PSH in the monitor well during the 2nd, 3rd, and 4th quarters. The monitor well was not gauged during the 1st quarter sampling event; data prior to and following the 1st quarter sampling indicates PSH was likely present. PSH thicknesses of 2.68 feet, 1.34 feet, and 2.78 feet were reported during the 2nd, 3rd and 4th quarters of 2007, respectively.

Water Well WW-1 is monitored on a quarterly schedule. Water well WW-1 was not sampled during any of four quarters of the reporting period, due to the reported presence of PSH in the monitor well during the 2nd, 3rd, and 4th quarters. The monitor well was not gauged or sampled during the 1st quarter sampling event; data prior to and following the 1st quarter sampling indicates PSH was likely present. PSH thicknesses of 0.07 feet, 0.75 feet, and 0.21 feet were reported during the 2nd, 3rd and 4th quarters of 2007, respectively.

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

SUMMARY

This report presents the results of monitoring activities for the 2007 annual monitoring period. 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 five monitor wells (MW-1, MW-3, MW-5, MW-7 and MW-17) and the out of service water well (WW-1) during each quarter of the reporting period. A sheen was reported in monitor well MW-4 in the 2nd, 3rd and 4th quarters and in monitor well MW-6 in the 2nd quarter. The average thickness of PSH in monitor wells exhibiting PSH and the out of service water well is 1.30 feet. The maximum thickness of PSH in monitor or water well was 6.43 feet as recorded in monitor well MW-17 on October 10, 2007. The automated product recovery system was upgraded and operated on site during the 2nd, 3rd and 4th quarters the reporting period. Manual product recovery was performed on those wells not included in the recovery system.

Please note, the 1st quarter 2007 analytical data is incongruous with prior and subsequent analytical data and historical trends of this monitor well, indicating the 1st quarter data is likely erroneous.

Approximately 289 gallons (7 barrels) of PSH were recovered from the site during this reporting period. Approximately 6,999 gallons (167 barrels) of PSH have been recovered from the site utilizing manual and automated methods since project inception. The most recent Groundwater Gradient map, Figure 2D, indicates a general gradient of approximately 0.002 feet/foot to the southeast as measured between recovery well MW-4 and monitor well MW-15.

ANTICIPATED ACTIONS

Quarterly groundwater monitoring and sampling will continue in 2008. An Annual Monitoring Report will be submitted to the NMOCD by April 1, 2009. The automated recovery system will be monitored and adjusted to maximize the efficiency of product removal and gradient control.

LIMITATIONS

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

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

DISTRIBUTION

Copy 1
Ed Hansen
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

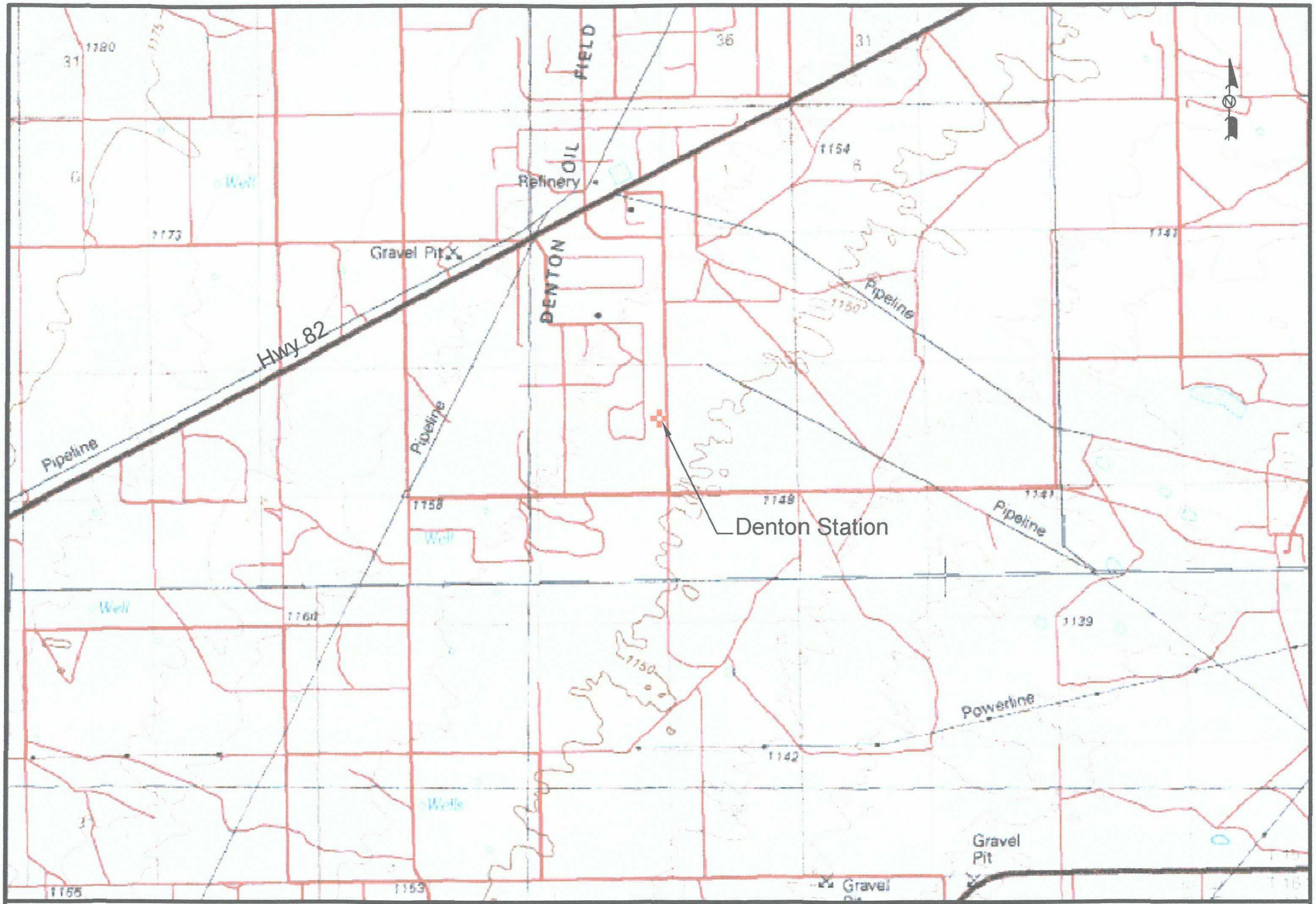
Copy 2:
Larry Johnson
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1625 French Drive
Hobbs, NM 88240

Copy 3:
Camille Reynolds
Plains Marketing, L.P.
3112 Highway 82
Lovington, NM
cjreynolds@paalp.com

Copy 4:
Jeff Dann
Plains Marketing, L.P.
333 Clay Street
Suite 1600
Houston, TX 77002
jpdann@paalp.com

Copy 5:
NOVA Safety and Environmental
2057 Commerce Street
Midland, TX 79703
cstanley@novatraining.cc

Figures



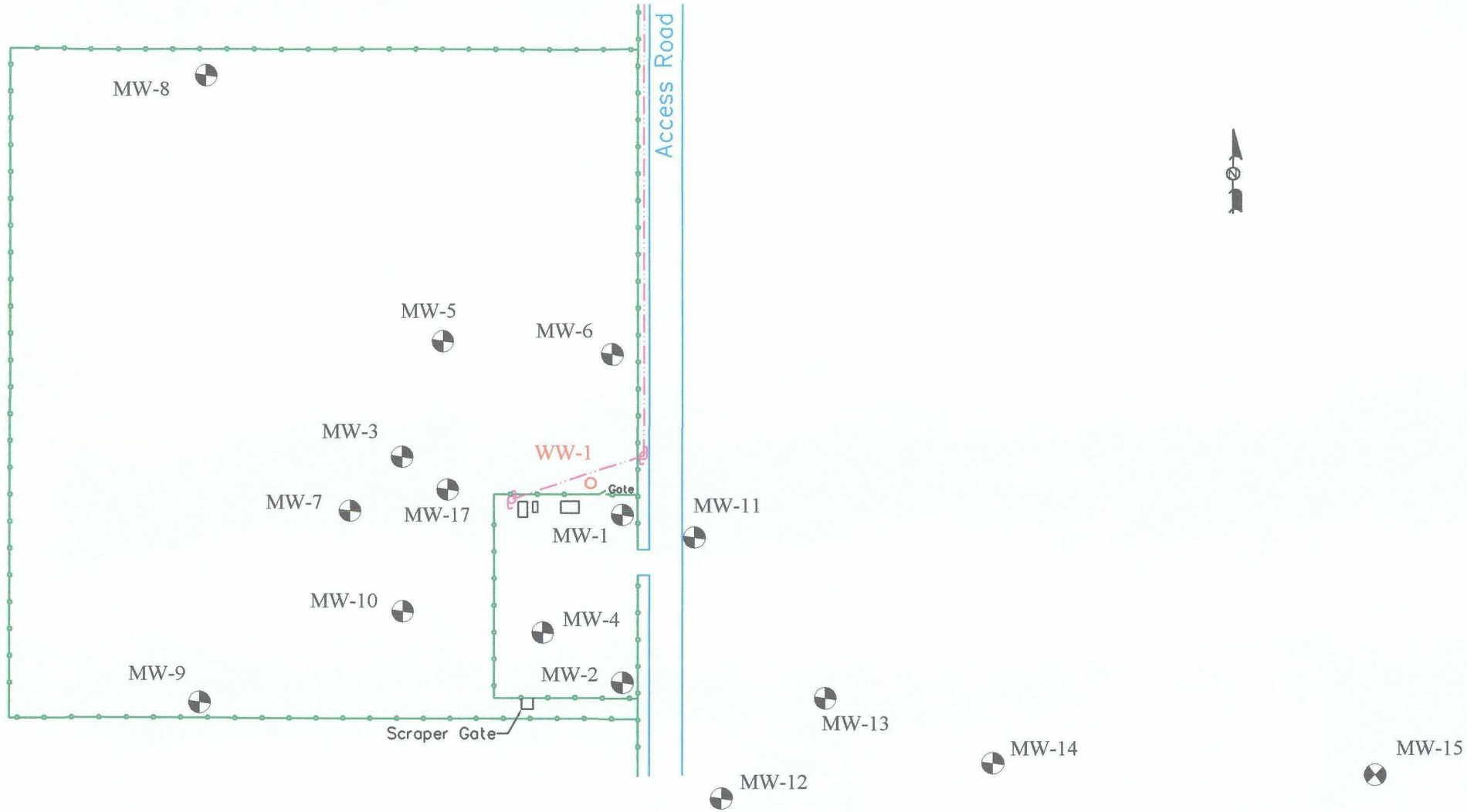
NMOCD Ref# 1R-0234

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

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"	



NOVA safety and environmental

Legend:

- Monitor Well Location
- Electric Line
- Pipeline

NMOCD Ref# 1R-0234

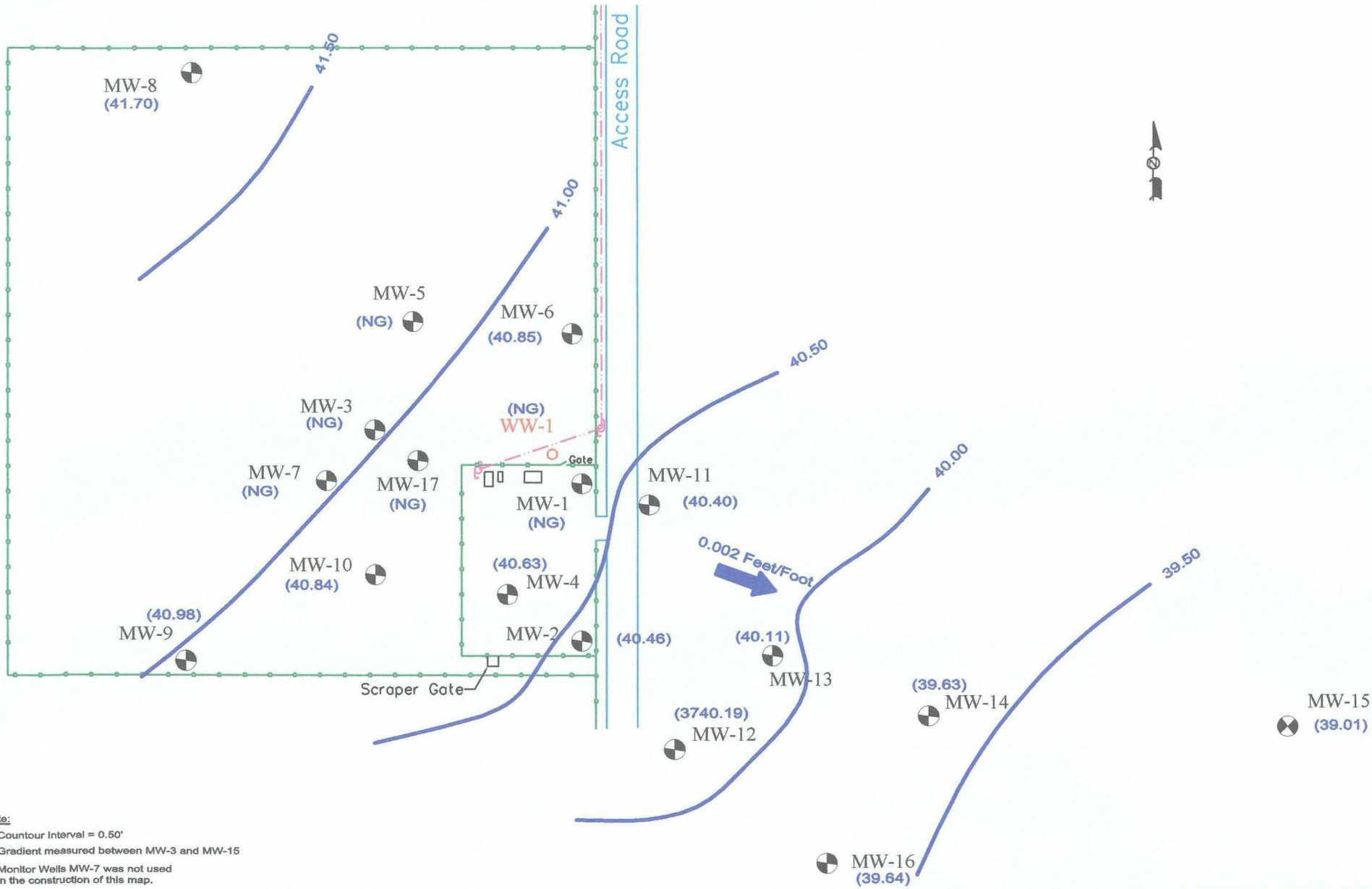
Figure 2
Site Map

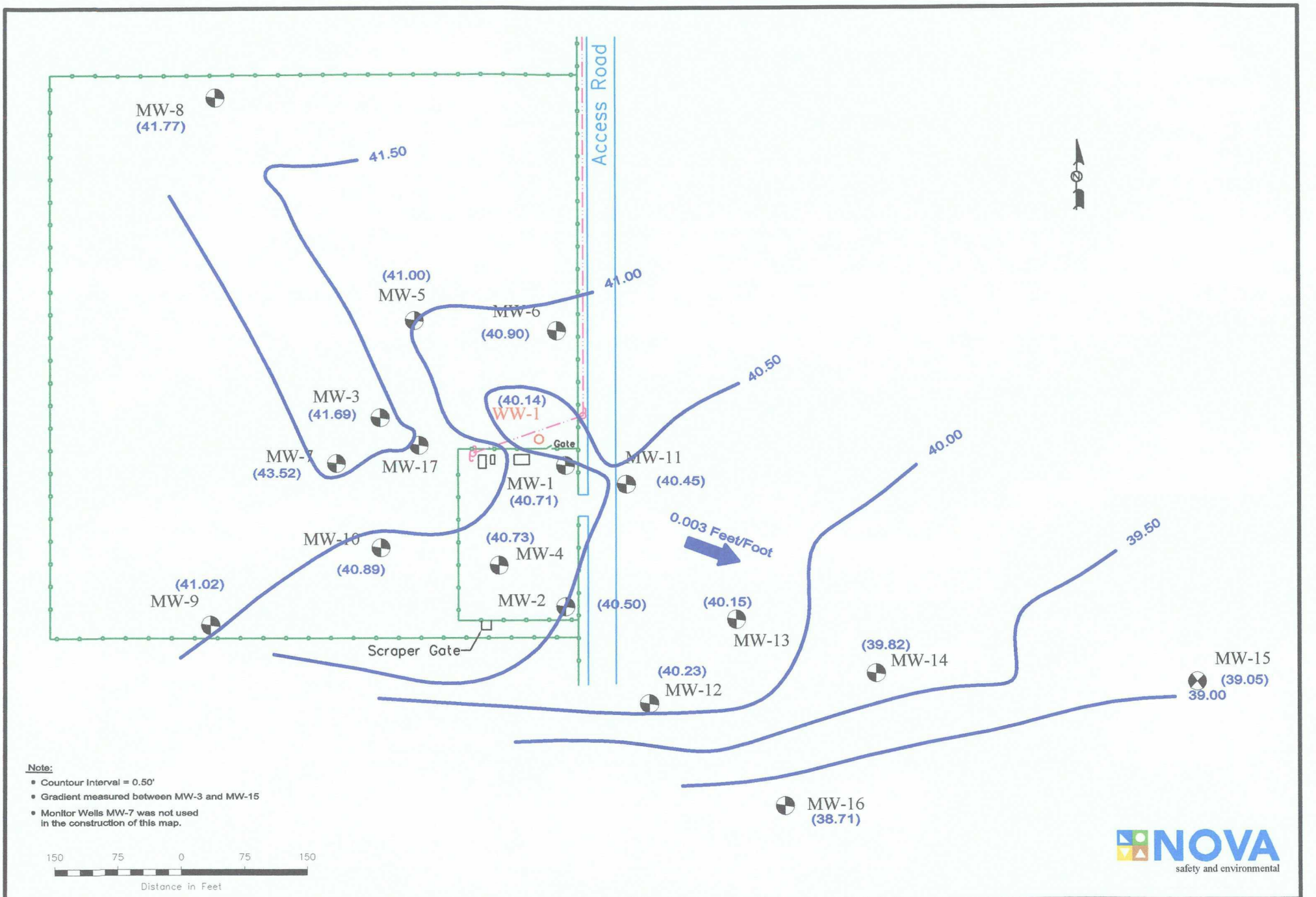
Plains Marketing, L.P.
Denton Station

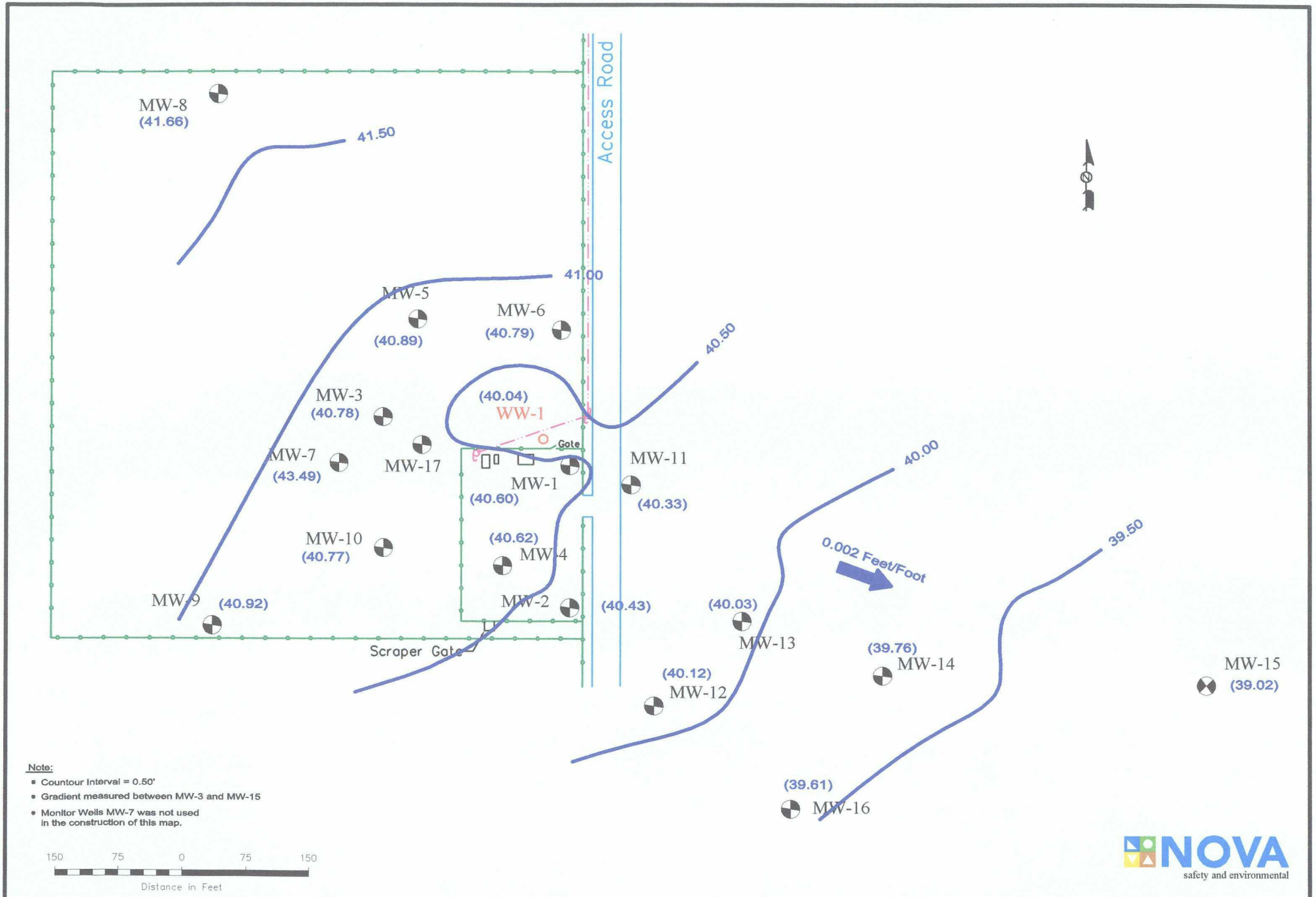
Lea County, NM

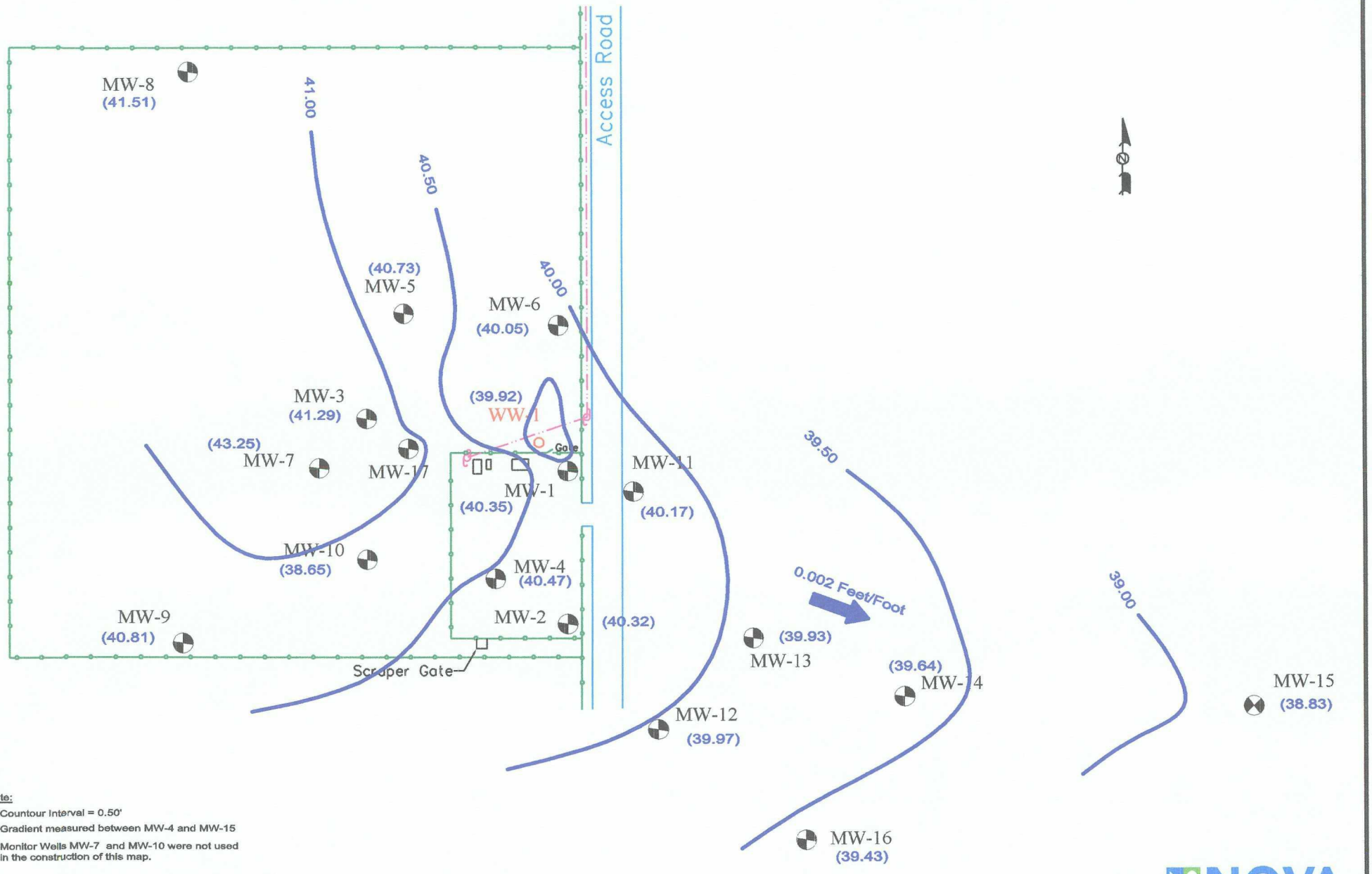
NOVA Safety and Environmental

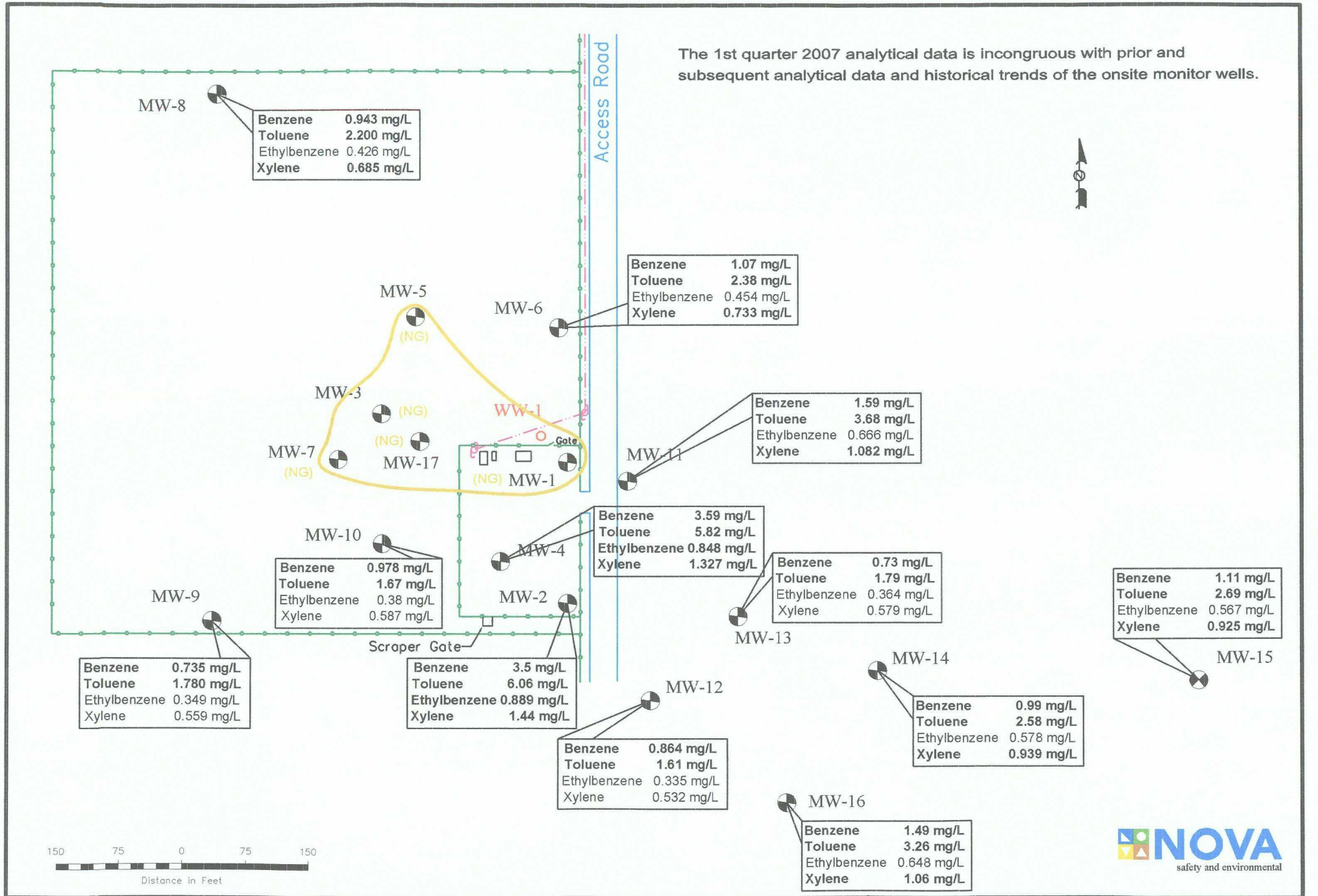
Scale: 1" = 150'	CAD By: DGC	Checked By: CDS
March 12, 2008	N 33° 01' 6.48" W 103° 09' 46.6"	

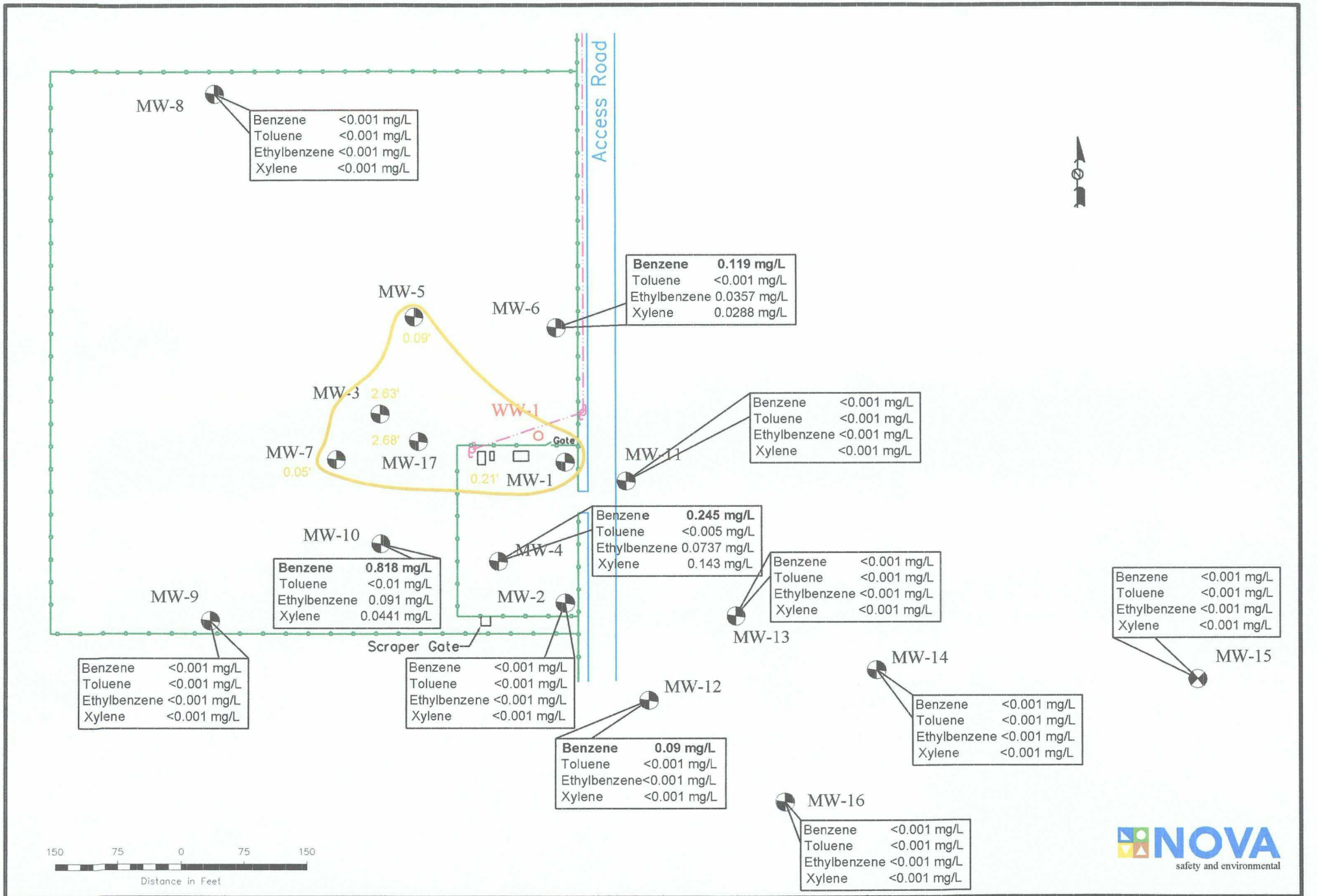

Access Road
MW-8
(41.70)
41.50
MW-5
(NG)
MW-6
(40.85)
41.00
MW-3
(NG)
(NG)
WW-1
Gate
MW-7
(NG)
MW-17
(NG)
MW-1
(NG)
MW-11
(40.40)
40.50
0.002 Feet/Foot
MW-10
(40.84)
(40.63)
MW-4
40.00
(40.98)
MW-9
MW-2
(40.46)
(40.11)
MW-13
Scraper Gate
(39.63)
MW-14
39.50
MW-15
(39.01)
(3740.19)
MW-12
MW-16
(39.64)
N
Note:
Countour Interval = 0.50'
Gradient measured between MW-3 and MW-15
Monitor Wells MW-7 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
0.005 Feet/Foot
Groundwater Direction and Magnitude
NMOCD Ref# 1R-0234
Figure 2A
Inferred
Groundwater Gradient
Map (03/15/07)
Plains Marketing, L.P.
Denton Station
Lea County, NM
NOVA Safety and Environmental
Scale: 1" = 150'
CAD By: DGC
Checked By: CDS
March 27, 2008
N 33° 01' 6.48" W 103° 09' 46.6"

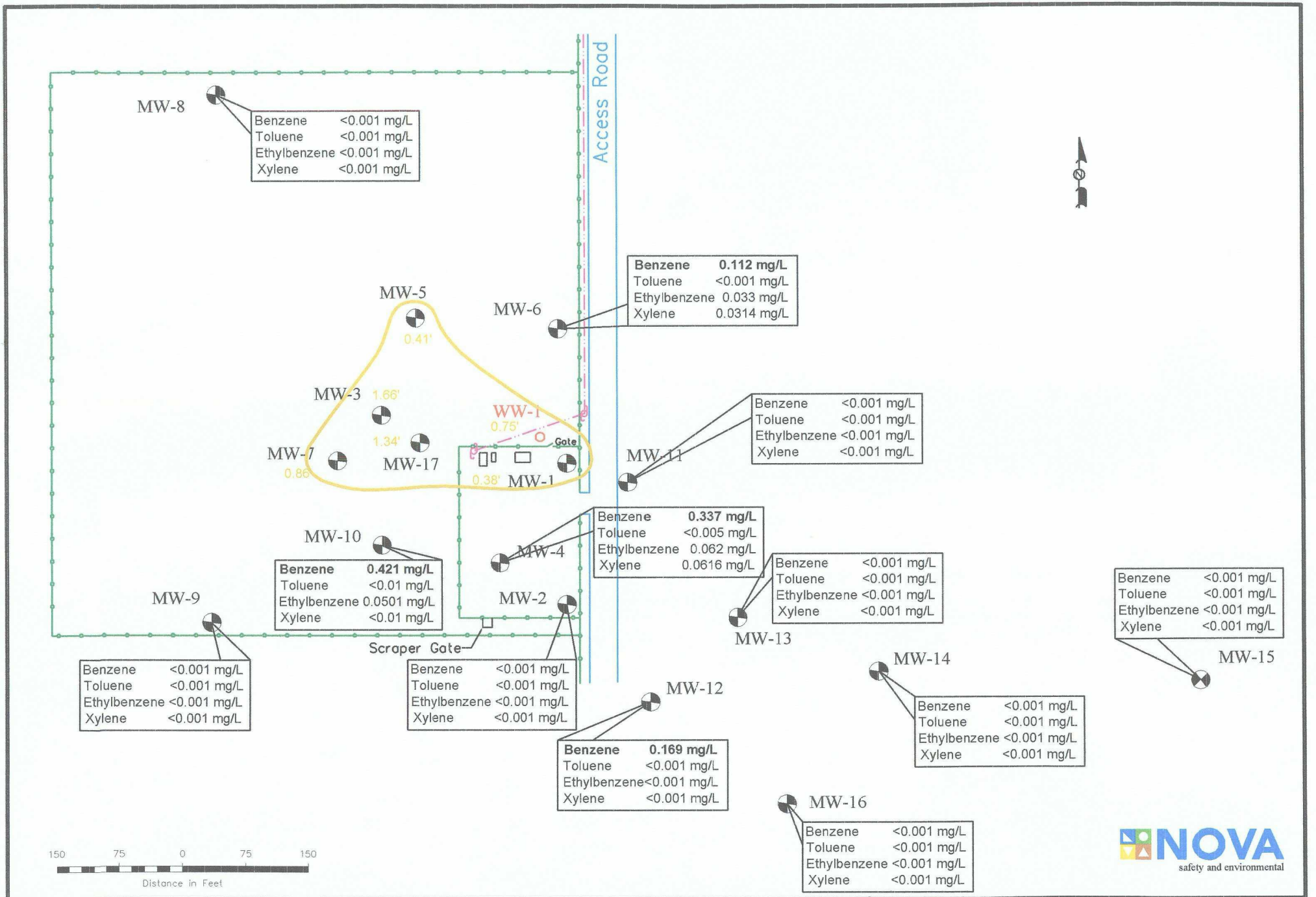

Access Road
MW-8
(41.77)
41.50
(41.00)
MW-5
41.00
MW-6
(40.90)
40.50
MW-3
(41.69)
(40.14)
WW-1
Gate
MW-7
(43.52)
MW-17
MW-1
(40.71)
MW-11
(40.45)
40.00
0.003 Feet/Foot
MW-10
(40.89)
(40.73)
MW-4
39.50
(41.02)
MW-9
MW-2
(40.50)
(40.15)
MW-13
Scraper Gate
(39.82)
MW-14
MW-15
(39.05)
39.00
(40.23)
MW-12
MW-16
(38.71)
N
Note:
• Countour Interval = 0.50'
• Gradient measured between MW-3 and MW-15
• Monitor Wells MW-7 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
0.003 Feet/Foot
Groundwater Direction and Magnitude
NMOCD Ref# 1R-0234
Figure 2B
Inferred
Groundwater Gradient
Map (06/05/07)
Plains Marketing, L.P.
Denton Station
Lea County, NM
NOVA Safety and Environmental
Scale: 1" = 150'
CAD By: DGC
Checked By: CDS
March 27, 2008
N 33° 01' 6.48" W 103° 09' 46.6"


Access Road
MW-8
(41.66)
41.50
41.00
MW-5
(40.89)
MW-6
(40.79)
40.50
MW-3
(40.78)
(40.04)
WW-1
Gate
MW-7
(43.49)
MW-17
MW-1
(40.60)
MW-11
(40.33)
40.00
MW-10
(40.77)
(40.62)
MW-4
0.002 Feet/Foot
39.50
MW-9
(40.92)
MW-2
(40.43)
(40.03)
MW-13
(39.76)
MW-14
MW-15
(39.02)
(40.12)
MW-12
Scraper Gate
(39.61)
MW-16
N
Note:
• Countour Interval = 0.50'
• Gradient measured between MW-3 and MW-15
• Monitor Wells MW-7 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 2C
Inferred
Groundwater Gradient
Map (09/04/07)
Plains Marketing, L.P.
Denton Station
Lea County, NM
NOVA Safety and Environmental
Scale: 1" = 150'
CAD By: DGC
Checked By: CDS
March 27, 2008
N 33° 01' 6.46" W 103° 09' 46.6"


Access Road
MW-8
(41.51)
41.00
40.50
40.00
(40.73)
MW-5
MW-6
(40.05)
MW-3
(41.29)
(39.92)
WW-1
Gate
(43.25)
MW-7
MW-17
MW-1
(40.35)
MW-11
(40.17)
39.50
MW-10
(38.65)
MW-4
(40.47)
0.002 Feet/Foot
39.00
MW-9
(40.81)
MW-2
(40.32)
(39.93)
MW-13
(39.64)
MW-14
MW-15
(38.83)
Scraper Gate
MW-12
(39.97)
MW-16
(39.43)
N
Note:
Countour Interval = 0.50'
Gradient measured between MW-4 and MW-15
Monitor Wells MW-7 and MW-10 were 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 2D
Inferred
Groundwater Gradient
Map (11/28/07)
Plains Marketing, L.P.
Denton Station
Lea County, NM
NOVA Safety and Environmental
Scale: 1" = 150'
CAD By: DGC
Checked By: CDS
March 27, 2008
N 33° 01' 6.48" W 103° 09' 46.6"


The 1st quarter 2007 analytical data is incongruous with prior and subsequent analytical data and historical trends of the onsite monitor wells.
Access Road
MW-8
Benzene 0.943 mg/L
Toluene 2.200 mg/L
Ethylbenzene 0.426 mg/L
Xylene 0.685 mg/L
MW-5
(NG)
MW-6
Benzene 1.07 mg/L
Toluene 2.38 mg/L
Ethylbenzene 0.454 mg/L
Xylene 0.733 mg/L
MW-3
(NG)
WW-1
Gate
MW-7
(NG)
MW-17
(NG)
(NG) MW-1
MW-11
Benzene 1.59 mg/L
Toluene 3.68 mg/L
Ethylbenzene 0.666 mg/L
Xylene 1.082 mg/L
MW-10
Benzene 0.978 mg/L
Toluene 1.67 mg/L
Ethylbenzene 0.38 mg/L
Xylene 0.587 mg/L
MW-4
Benzene 3.59 mg/L
Toluene 5.82 mg/L
Ethylbenzene 0.848 mg/L
Xylene 1.327 mg/L
MW-13
Benzene 0.73 mg/L
Toluene 1.79 mg/L
Ethylbenzene 0.364 mg/L
Xylene 0.579 mg/L
MW-15
Benzene 1.11 mg/L
Toluene 2.69 mg/L
Ethylbenzene 0.567 mg/L
Xylene 0.925 mg/L
MW-9
Benzene 0.735 mg/L
Toluene 1.780 mg/L
Ethylbenzene 0.349 mg/L
Xylene 0.559 mg/L
MW-2
Scraper Gate
Benzene 3.5 mg/L
Toluene 6.06 mg/L
Ethylbenzene 0.889 mg/L
Xylene 1.44 mg/L
MW-12
Benzene 0.864 mg/L
Toluene 1.61 mg/L
Ethylbenzene 0.335 mg/L
Xylene 0.532 mg/L
MW-14
Benzene 0.99 mg/L
Toluene 2.58 mg/L
Ethylbenzene 0.578 mg/L
Xylene 0.939 mg/L
MW-16
Benzene 1.49 mg/L
Toluene 3.26 mg/L
Ethylbenzene 0.648 mg/L
Xylene 1.06 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 (03/15/07)
Plains Marketing, L.P.
Denton Station
Lea County, NM
NOVA Safety and Environmental
Scale: 1" = 150'
CAD By: DGC
Checked By: CDS
March 26, 2008
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
0.09'
MW-6
Benzene 0.119 mg/L
Toluene <0.001 mg/L
Ethylbenzene 0.0357 mg/L
Xylene 0.0288 mg/L
MW-3
2.63'
WW-1
2.68'
Gate
MW-7
0.05'
MW-17
0.21'
MW-1
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 0.818 mg/L
Toluene <0.01 mg/L
Ethylbenzene 0.091 mg/L
Xylene 0.0441 mg/L
MW-4
Benzene 0.245 mg/L
Toluene <0.005 mg/L
Ethylbenzene 0.0737 mg/L
Xylene 0.143 mg/L
MW-9
MW-2
Scraper Gate
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 0.09 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 3B
Inferred PSH and Dissolved Phase Extent Map (06/05/07)
Plains Marketing, L.P.
Denton Station
Lea County, NM
NOVA Safety and Environmental
Scale: 1" = 150'
CAD By: DGC
Checked By: CDS
March 12, 2008
N 33° 01' 6.48" W 103° 09' 46.6"



Legend:

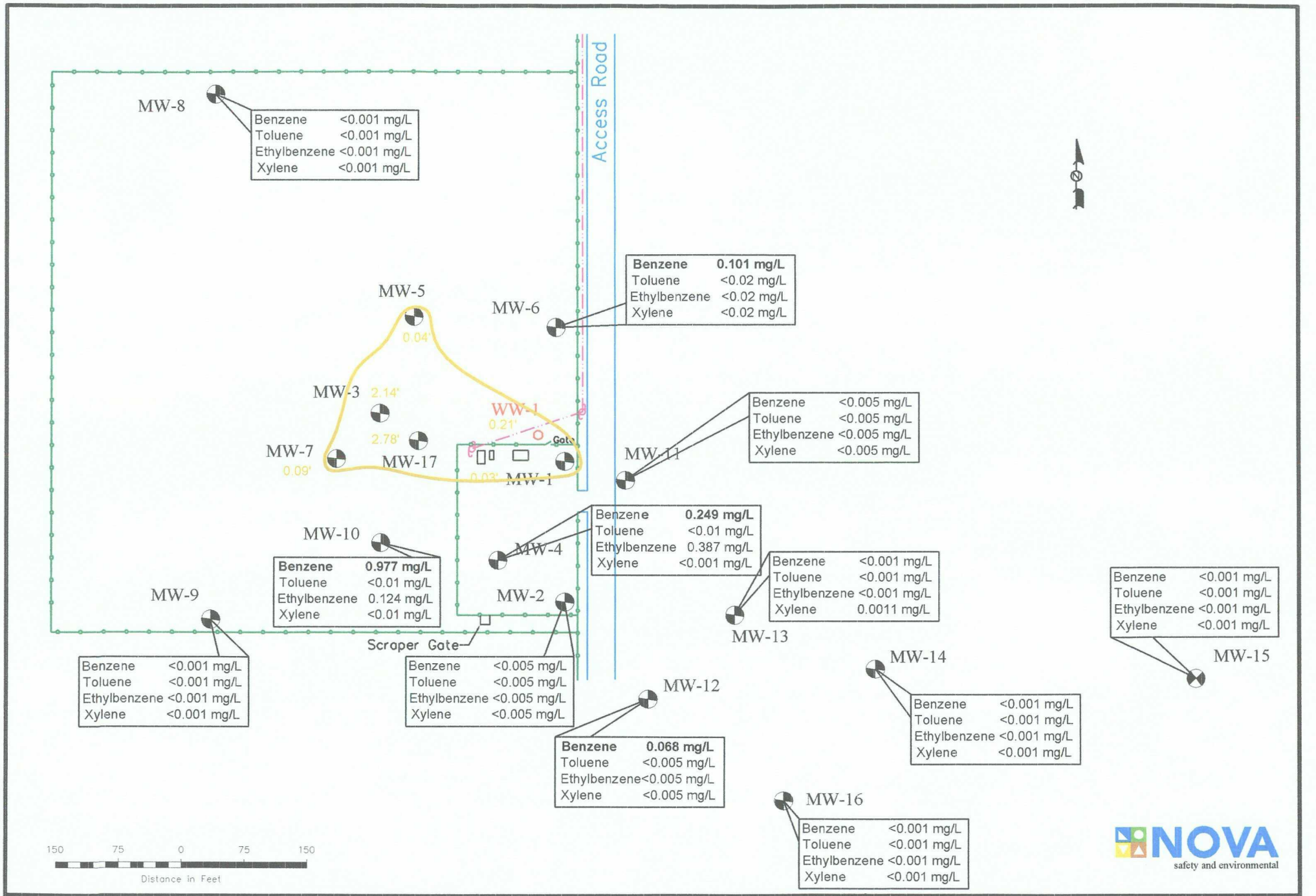
- Monitor Well Location
- Electric Line
- Pipeline
- Inferred PSH Extent
- 0.18' PSH Thickness (in feet)
- <0.001 Constituent Concentration (mg/L)

NMOCD Ref# 1R-0234

Figure 3C
Inferred PSH and Dissolved Phase Extent Map (09/04/07)
Plains Marketing, L.P.
Denton Station
Lea County, NM

NOVA Safety and Environmental

Scale: 1" = 150'	CAD By: DGC	Checked By: CDS
March 13, 2008	N 33° 01' 6.48" W 103° 09' 46.5"	


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
0.04'
MW-6
Benzene 0.101 mg/L
Toluene <0.02 mg/L
Ethylbenzene <0.02 mg/L
Xylene <0.02 mg/L
MW-3 2.14'
WW-1
0.21'
2.78'
MW-7
0.09'
MW-17
MW-1
0.03'
MW-11
Benzene <0.005 mg/L
Toluene <0.005 mg/L
Ethylbenzene <0.005 mg/L
Xylene <0.005 mg/L
MW-10
Benzene 0.977 mg/L
Toluene <0.01 mg/L
Ethylbenzene 0.124 mg/L
Xylene <0.01 mg/L
MW-4
Benzene 0.249 mg/L
Toluene <0.01 mg/L
Ethylbenzene 0.387 mg/L
Xylene <0.001 mg/L
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
Benzene <0.005 mg/L
Toluene <0.005 mg/L
Ethylbenzene <0.005 mg/L
Xylene <0.005 mg/L
MW-13
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene 0.0011 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 0.068 mg/L
Toluene <0.005 mg/L
Ethylbenzene <0.005 mg/L
Xylene <0.005 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 3D
Inferred PSH and Dissolved Phase Extent Map (11/28/07)
Plains Marketing, L.P.
Denton Station
Lea County, NM
NOVA Safety and Environmental
Scale: 1" = 150'
CAD By: DGC
Checked By: CDS
March 13, 2008
N 33° 01' 6.48" W 103° 09' 45.6"

Tables

TABLE 1

2007 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	01/05/07	101.96	61.41	62.27	0.86	40.46
	01/15/07	101.96	60.38	61.39	1.01	41.48
	01/29/07	101.96	60.20	61.56	1.36	41.62
	04/23/07	101.96	61.08	61.94	0.86	40.75
	05/18/07	101.96	61.25	61.46	0.21	40.68
	06/05/07	101.96	61.22	61.43	0.21	40.71
	06/19/07	101.96	60.00	60.20	0.20	41.93
	07/17/07	101.96	61.27	61.61	0.34	40.64
	09/04/07	101.96	61.30	61.68	0.38	40.60
	10/18/07	101.96	61.36	61.86	0.50	40.53
	10/25/07	101.96	sheen	61.75	0.00	40.21
	11/14/07	101.96	61.70	61.71	0.01	40.26
	11/28/07	101.96	61.61	61.64	0.03	40.35
	11/29/07	101.96	sheen	61.73	0.00	40.23
	12/13/07	101.96	61.54	61.56	0.02	40.42
MW-2	01/05/07	99.83	-	59.23	0.00	40.60
	01/15/07	99.83	-	59.28	0.00	40.55
	01/29/07	99.83	-	59.31	0.00	40.52
	03/15/07	99.83	-	59.37	0.00	40.46
	04/23/07	99.83	-	59.23	0.00	40.60
	06/05/07	99.83	-	59.33	0.00	40.50
	09/04/07	99.83	-	59.40	0.00	40.43
	11/28/07	99.83	-	59.51	0.00	40.32
MW-3	01/05/07	99.58	58.01	60.22	2.21	41.35
	01/15/07	99.58	57.36	60.29	2.93	41.93
	01/29/07	99.58	57.21	60.27	3.06	42.06
	04/23/07	99.58	57.40	60.12	2.72	41.77
	06/05/07	99.58	57.50	60.13	2.63	41.69
	07/17/07	99.58	57.51	60.11	2.60	41.68
	08/24/07	99.58	57.59	60.16	2.57	41.60
	08/31/07	99.58	57.85	60.09	2.24	41.39
	09/04/07	99.58	58.55	60.21	1.66	40.78
	09/06/07	99.58	58.09	60.12	2.03	41.19
	09/20/07	99.58	58.46	60.19	1.73	40.86
	09/27/07	99.58	58.51	60.19	1.68	40.82
	10/05/07	99.58	58.57	60.19	1.62	40.77
	10/10/07	99.58	58.62	60.24	1.62	40.72
	10/18/07	99.58	58.42	60.22	1.80	40.89
	10/25/07	99.58	58.91	60.01	1.10	40.51
	11/14/07	99.58	58.77	60.21	1.44	40.59
	11/28/07	99.58	57.97	60.11	2.14	41.29
	11/29/07	99.58	57.89	59.38	1.49	41.47
	12/13/07	99.58	57.72	60.13	2.41	41.50
MW-4	01/05/07	99.97	-	59.15	0.00	40.82
	01/15/07	99.97	-	59.22	0.00	40.75
	01/29/07	99.97	-	59.22	0.00	40.75
	03/15/07	99.97	-	59.34	0.00	40.63
	04/23/07	99.97	sheen	59.19	0.00	40.78
	06/05/07	99.97	sheen	59.24	0.00	40.73
	09/04/07	99.97	sheen	59.35	0.00	40.62
	11/28/07	99.97	sheen	59.50	0.00	40.47
MW-5	01/05/07	100.36	58.61	59.95	1.34	41.62

TABLE 1

2007 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-5	01/15/07	100.36	58.74	59.48	0.74	41.55
	01/29/07	100.36	58.66	59.59	0.93	41.61
	04/23/07	100.36	58.77	61.15	2.38	41.23
	05/23/07	100.36	59.31	59.46	0.15	41.03
	06/05/07	100.36	59.35	59.44	0.09	41.00
	06/08/07	100.36	59.30	59.46	0.16	41.04
	06/19/07	100.36	59.29	59.74	0.45	41.00
	07/17/07	100.36	59.24	59.90	0.66	41.02
	08/10/07	100.36	59.32	59.42	0.10	41.03
	08/16/07	100.36	59.40	59.43	0.03	40.96
	08/24/07	100.36	59.33	59.43	0.10	41.02
	08/31/07	100.36	59.40	59.73	0.33	40.91
	09/04/07	100.36	59.41	59.82	0.41	40.89
	09/06/07	100.36	59.33	59.87	0.54	40.95
	09/20/07	100.36	59.29	60.20	0.91	40.93
	09/27/07	100.36	59.31	60.36	1.05	40.89
	10/05/07	100.36	59.48	59.50	0.02	40.88
	10/10/07	100.36	59.50	59.51	0.01	40.86
	10/18/07	100.36	59.59	59.94	0.35	40.72
	11/28/07	100.36	59.62	59.66	0.04	40.73
MW-6	01/05/07	101.86	-	60.90	0.00	40.96
	01/15/07	101.86	-	59.98	0.00	41.88
	01/29/07	101.86	-	60.92	0.00	40.94
	03/15/07	101.86	-	61.01	0.00	40.85
	04/23/07	101.86	sheen	60.92	0.00	40.94
	06/05/07	101.86	sheen	60.96	0.00	40.90
	09/04/07	101.86	-	61.07	0.00	40.79
	11/28/07	101.86	-	61.81	0.00	40.05
MW-7	01/05/07	101.92	57.01	61.57	4.56	44.45
	01/15/07	101.92	57.30	59.70	2.40	44.38
	01/29/06	101.92	57.17	59.79	2.62	44.49
	04/23/07	101.92	57.18	62.52	5.34	43.94
	05/23/07	101.92	58.33	58.44	0.11	43.57
	06/05/07	101.92	58.39	58.44	0.05	43.52
	06/08/07	101.92	59.30	59.41	0.11	42.60
	06/19/07	101.92	58.20	58.80	0.60	43.63
	07/17/07	101.92	58.16	60.06	1.90	43.48
	08/10/07	101.92	57.86	60.94	3.08	43.60
	08/16/07	101.92	57.86	61.05	3.19	43.58
	08/24/07	101.92	58.26	58.30	0.04	43.65
	08/31/07	101.92	58.33	58.88	0.55	43.51
	09/04/07	101.92	58.30	59.16	0.86	43.49
	09/06/07	101.92	58.30	59.21	0.91	43.48
	09/20/07	101.92	58.22	59.92	1.70	43.45
	09/27/07	101.92	58.30	59.10	0.80	43.50
	10/05/07	101.92	58.42	58.55	0.13	43.48
	10/10/07	101.92	58.45	58.56	0.11	43.45
	10/18/07	101.92	58.65	58.71	0.06	43.26
	11/28/07	101.92	58.66	58.75	0.09	43.25
MW-8	01/05/07	101.92	-	60.06	0.00	41.86
	01/15/07	101.92	-	60.10	0.00	41.82
	01/29/07	101.92	-	60.12	0.00	41.80
	03/15/07	101.92	-	60.22	0.00	41.70

TABLE 1

2007 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-8	04/23/07	101.92	-	60.15	0.00	41.77
	06/05/07	101.92	-	60.15	0.00	41.77
	09/04/07	101.92	-	60.26	0.00	41.66
	11/28/07	101.92	-	60.41	0.00	41.51
MW-9	01/05/07	100.22	-	59.07	0.00	41.15
	01/15/07	100.22	-	59.12	0.00	41.10
	01/29/07	100.22	-	59.15	0.00	41.07
	03/15/07	100.22	-	59.24	0.00	40.98
	04/23/07	100.22	-	59.25	0.00	40.97
	06/05/07	100.22	-	59.20	0.00	41.02
	09/04/07	100.22	-	59.30	0.00	40.92
	11/28/07	100.22	-	59.41	0.00	40.81
MW-10	01/05/07	98.28	-	56.74	0.00	41.54
	01/15/07	98.28	-	57.34	0.00	40.94
	01/29/07	98.28	-	57.37	0.00	40.91
	03/15/07	98.28	-	57.44	0.00	40.84
	04/23/07	98.28	-	57.40	0.00	40.88
	06/05/07	98.28	-	57.39	0.00	40.89
	09/04/07	98.28	-	57.51	0.00	40.77
	11/28/07	98.28	-	59.63	0.00	38.65
MW-11	01/05/07	99.45	-	58.92	0.00	40.53
	01/15/07	99.45	-	58.95	0.00	40.50
	01/29/07	99.45	-	59.00	0.00	40.45
	03/15/07	99.45	-	59.05	0.00	40.40
	06/05/07	99.45	-	59.00	0.00	40.45
	09/04/07	99.45	-	59.12	0.00	40.33
	11/28/07	99.45	-	59.28	0.00	40.17
MW-12	01/05/07	96.84	-	56.57	0.00	40.27
	01/15/07	96.84	-	56.54	0.00	40.30
	01/29/07	96.84	-	56.57	0.00	40.27
	03/15/07	96.84	-	56.65	0.00	40.19
	06/05/07	96.84	-	56.61	0.00	40.23
	09/04/07	96.84	-	56.72	0.00	40.12
	11/28/07	96.84	-	56.87	0.00	39.97
MW-13	01/05/07	97.17	-	56.91	0.00	40.26
	01/15/07	97.17	-	56.92	0.00	40.25
	01/29/07	97.17	-	57.00	0.00	40.17
	03/15/07	97.17	-	57.06	0.00	40.11
	06/05/07	97.17	-	57.02	0.00	40.15
	09/04/07	97.17	-	57.14	0.00	40.03
	11/28/07	97.17	-	57.24	0.00	39.93
MW-14	01/05/07	97.25	-	57.34	0.00	39.91
	01/15/07	97.25	-	57.39	0.00	39.86
	01/29/07	97.25	-	57.36	0.00	38.89
	03/15/07	97.25	-	57.62	0.00	39.63
	06/05/07	97.25	-	57.43	0.00	39.82
	09/04/07	97.25	-	57.49	0.00	39.76
	11/28/07	97.25	-	57.61	0.00	39.64
MW-15	01/05/07	98.14	-	58.91	0.00	39.23

TABLE 1

2007 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-15	01/15/07	98.14	-	59.04	0.00	39.10
	01/29/07	98.14	-	59.00	0.00	39.14
	03/15/07	98.14	-	59.13	0.00	39.01
	06/05/07	98.14	-	59.09	0.00	39.05
	09/04/07	98.14	-	59.12	0.00	39.02
	11/28/07	98.14	-	59.31	0.00	38.83
MW-16	01/05/07	96.04	-	56.21	0.00	39.83
	01/15/07	96.04	-	56.31	0.00	39.73
	01/29/07	96.04	-	56.31	0.00	39.73
	03/15/07	96.04	-	56.40	0.00	39.64
	06/05/07	96.04	-	57.33	0.00	38.71
	09/04/07	96.04	-	56.43	0.00	39.61
	11/28/07	96.04	-	56.61	0.00	39.43
MW-17	01/05/07	-	59.20	60.51	1.31	
	01/15/07	-	59.32	60.26	0.94	
	01/29/07	-	59.10	61.08	1.98	
	05/23/07	-	59.36	61.26	1.90	
	06/05/07	-	59.36	62.04	2.68	
	06/08/07	-	59.32	62.05	2.73	
	06/19/07	-	59.25	62.23	2.98	
	07/17/07	-	59.16	63.25	4.09	
	08/10/07	-	58.48	63.74	5.26	
	08/16/07	-	58.53	63.70	5.17	
	08/24/07	-	58.92	63.91	4.99	
	08/31/07	-	59.50	61.08	1.58	
	09/04/07	-	59.66	61.00	1.34	
	09/06/07	-	59.63	61.07	1.44	
	09/20/07	-	59.49	61.86	2.37	
	09/27/07	-	59.40	61.12	1.72	
	10/05/07	-	59.35	62.66	3.31	
	10/10/07	-	59.22	65.65	6.43	
	10/18/07	-	59.60	61.61	2.01	
	11/28/07	-	59.55	62.33	2.78	
WW-1	01/05/07	100.16	60.81	61.79	0.98	39.45
	01/15/07	100.16	60.35	61.37	1.02	39.90
	01/29/07	100.16	60.21	61.51	1.30	40.02
	05/23/07	100.16	60.00	60.02	0.02	40.16
	06/05/07	100.16	60.01	60.08	0.07	40.14
	06/08/07	100.16	60.00	60.07	0.07	40.15
	06/19/07	100.16	60.00	60.20	0.20	40.13
	07/17/07	100.16	60.00	60.44	0.44	40.09
	08/10/07	100.16	59.96	60.61	0.65	40.10
	08/16/07	100.16	59.91	60.73	0.82	40.13
	08/24/07	100.16	59.98	60.70	0.72	40.07
	08/31/07	100.16	60.06	60.38	0.32	40.05
	09/04/07	100.16	60.01	60.76	0.75	40.04
	09/06/07	100.16	60.03	60.80	0.77	40.01
	09/20/07	100.16	60.04	60.90	0.86	39.99
	09/27/07	100.16	60.02	60.93	0.91	40.00
	10/05/07	100.16	60.05	60.88	0.83	39.99
	10/10/07	100.16	60.03	60.93	0.90	40.00
	10/18/07	100.16	60.18	60.38	0.20	39.95
	11/14/07	100.16	60.19	60.38	0.19	39.94

TABLE 1

2007 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
WW-1	*11/28/07*	100.16	60.21	60.42	0.21	39.92

North American Vertical Datum of 1929
of Casing Elevation due to site resurvey.

TABLE 2

2007 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

		METHODS: SW 846-8260b				
SAMPLE LOCATION	**SAMPLE DATE**	**BENZENE**	**TOLUENE**	**ETHYL-BENZENE**	**m, p - XYLENES**	**o - XYLENE**
NMOCD Regulatory Limit		**0.01**	**0.75**	**0.75**	**0.62**	
MW-1	03/15/07	Not Sampled Due to PSH in Well				
	06/05/07	Not Sampled Due to PSH in Well				
	09/04/07	Not Sampled Due to PSH in Well				
	11/28/07	Not Sampled Due to PSH in Well				
MW-2 *	03/15/07	**3.500**	**6.060**	**0.889**	**1.440**	
	06/05/07	<0.001	<0.001	<0.001	<0.001	
	09/04/07	<0.001	<0.001	<0.001	<0.001	
	11/28/07	<0.005	<0.005	<0.005	<0.005	
MW-3	03/15/07	Not Sampled Due to PSH in Well				
	06/05/07	Not Sampled Due to PSH in Well				
	09/04/07	Not Sampled Due to PSH in Well				
	11/28/07	Not Sampled Due to PSH in Well				
MW-4	03/15/07	**3.590**	**5.820**	**0.848**	**1.327**	
	06/05/07	**0.245**	<0.005	0.074	0.143	
	09/05/07	**0.337**	<0.005	0.062	0.062	
	11/28/07	**0.249**	<0.01	0.039	<0.001	
MW-5	03/15/07	Not Sampled Due to PSH in Well				
	06/05/07	Not Sampled Due to PSH in Well				
	09/04/07	Not Sampled Due to PSH in Well				
	11/28/07	Not Sampled Due to PSH in Well				
MW-6	03/15/07	**1.070**	**2.380**	0.454	**0.733**	
	06/05/07	**0.119**	<0.001	0.036	0.029	
	09/05/07	**0.112**	<0.001	0.033	0.031	
	11/28/07	**0.101**	<0.02	<0.02	<0.02	
MW-7	03/15/07	Not Sampled Due to PSH in Well				
	06/05/07	Not Sampled Due to PSH in Well				
	09/05/07	Not Sampled Due to PSH in Well				
	11/28/07	Not Sampled Due to PSH in Well				
MW-8 *	03/15/07	**0.943**	**2.200**	0.426	**0.685**	
	06/05/07	<0.001	<0.001	<0.001	<0.001	
	09/04/07	<0.001	<0.001	<0.001	<0.001	
	11/28/07	<0.001	<0.001	<0.001	<0.001	
MW-9 *	03/15/07	**0.735**	**1.780**	0.349	0.559	
	06/05/07	<0.001	<0.001	<0.001	<0.001	
	09/04/07	<0.001	<0.001	<0.001	<0.001	
	11/28/07	<0.001	<0.001	<0.001	<0.001	
MW-10	03/15/07	**0.978**	**1.670**	0.380	0.587	
	06/05/07	**0.818**	<0.01	0.091	0.044	
	09/05/07	**0.421**	<0.01	0.050	<0.010	
	11/28/07	**0.977**	<0.01	0.124	<0.01	
MW-11 *	03/15/07	**1.590**	**3.680**	0.666	**1.082**	
	06/05/07	<0.001	<0.001	<0.001	<0.001	
	09/04/07	<0.001	<0.001	<0.001	<0.001	

TABLE 2

2007 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

		METHODS: SW 846-8260b				
SAMPLE LOCATION	**SAMPLE DATE**	**BENZENE**	**TOLUENE**	**ETHYL-BENZENE**	**m, p - XYLENES**	**o - XYLENE**
NMOCD Regulatory Limit		**0.01**	**0.75**	**0.75**	**0.62**	
MW-11	11/28/07	<0.005	<0.005	<0.005	<0.005	
MW-12	03/15/07	**0.864**	**1.610**	0.335	0.532	
	06/05/07	**0.090**	<0.001	<0.001	<0.001	
	09/05/07	**0.169**	<0.001	<0.001	<0.001	
	11/28/07	**0.068**	<0.005	<0.005	<0.005	
MW-13 *	03/15/07	**0.730**	**1.790**	0.364	0.579	
	06/05/07	<0.001	<0.001	<0.001	<0.001	
	09/04/07	<0.001	<0.001	<0.001	<0.001	
	11/28/07	<0.001	<0.001	<0.001	0.001	
MW-14 *	03/15/07	**0.990**	**2.580**	0.578	**0.939**	
	06/05/07	<0.001	<0.001	<0.001	<0.001	
	09/04/07	<0.001	<0.001	<0.001	<0.001	
	11/28/07	<0.001	<0.001	<0.001	<0.001	
MW-15 *	03/15/07	**1.110**	**2.690**	0.567	**0.925**	
	06/05/07	<0.001	<0.001	<0.001	<0.001	
	09/04/07	<0.001	<0.001	<0.001	<0.001	
	11/28/07	<0.001	<0.001	<0.001	<0.001	
MW-16 *	03/15/07	**1.490**	**3.260**	0.648	**1.060**	
	06/05/07	<0.001	<0.001	<0.001	<0.001	
	09/04/07	<0.001	<0.001	<0.001	<0.001	
	11/28/07	<0.001	<0.001	<0.001	<0.001	
MW-17	03/15/07	Not Sampled Due to PSH in Well				
	06/05/07	Not Sampled Due to PSH in Well				
	09/04/07	Not Sampled Due to PSH in Well				
	11/28/07	Not Sampled Due to PSH in Well				
WW-1	03/15/07	Not Sampled Due to PSH in Well				
	06/05/07	Not Sampled Due to PSH in Well				
	09/04/07	Not Sampled Due to PSH in Well				
	11/28/07	Not Sampled Due to PSH in Well				

* denotes 1st quarter 2007 analytical data is incongruous with prior and subsequent analytical data and historical trends of this monitor well