

1R - 455

Annual GW Mon. REPORTS

DATE:
2007

2007 ANNUAL REPORT
VACUUM TO JAL 14" MAINLINE #3
PLAINS SRS NO. 2003-00117

UL-A, SECTION 35, T21S, R37E

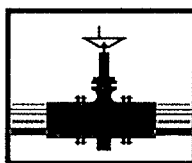
Lea County, New Mexico

NMOCD No.: 1R - 455

RECEIVED

PREPARED FOR

MAR 31 2008
Environmental Bureau
Oil Conservation Division



PLAINS
MARKETING, L.P.

333 CLAY STREET, SUITE 1600

HOUSTON, TEXAS 77002

PREPARED BY


PREMIER

ENVIRONMENTAL SERVICES, INC.

4800 Sugar Grove Blvd., Suite 420

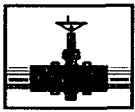
Stafford, Texas 77477

281.240.5200

Project No. 205068.00

March 2008

Chan Patel
Senior Project Manager



PLAINS ALL AMERICAN

March 27, 2008

RECEIVED

MAR 31 2008

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 – Annual Monitoring Reports
4 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:

DS Hugh	Section 26, Township 21 South, Range 37 East, Lea County
Vacuum to Jal 14" Mainline #3	Section 35, Township 21 South, Range 37 East, Lea County
Vacuum to Jal 14" Mainline #5	Section 2, Township 22 South, Range 37 East, Lea County
Hugh Gathering	Section 11, Township 21 South, Range 37 East, Lea County

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

If you have any questions or require further information, please contact me at (432) 686-1769.

Sincerely,

Daniel Bryant
Environmental & Regulatory Compliance Specialist
Plains All American

CC: Larry Johnson, NMOCD, Hobbs, NM

Enclosures

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Distribution

DISCLAIMER

Premier has examined and relied upon the file information provided by Plains and Environmental Plus, Inc. (EPI). Premier has not conducted an independent examination of the information contained in the Plains files; furthermore, we assume the genuineness of the documents reviewed and that the information provided in these documents to be true and accurate. Premier has prepared this report using the level of care and professionalism in the industry for similar projects under similar conditions. Premier will not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time this report was prepared. Premier believes the conclusions stated herein are factual, but no guarantee is made or implied.

EXECUTIVE SUMMARY

On May 8, 2003, a release of approximately 3 barrels of crude oil occurred from a 14" steel pipeline at the EOTT Energy LLC (EOTT) Vacuum to Jal 14" Mainline # 3 Site (Site), SRS No. 2003-00117 (Vac to Jal #3). Plains Marketing, L.P. (Plains) currently owns the pipeline. The Site is located in unit letter A, NE $\frac{1}{4}$ of the NE $\frac{1}{4}$, Section 35, Township 21S, Range 37E, or more specifically at latitude 32° 26' 32.67" N and longitude 103° 07' 36.885" W in Lea County, New Mexico (Figure 1, Appendix A). The release was apparently caused by internal corrosion and the pipeline was repaired (a copy of the C-141 release notification form is included in Appendix D).

The irregularly shaped spill area was approximately 566 square feet, according to Mr. Pat McCasland with Environmental Plus, Inc. (EPI). As part of the initial remediation activities, impacted soil was removed and stockpiled on site in June 2003. A total of 676 cubic yards of stockpiled soil was transported to the Lea Station Land Farm for treatment, as reported on the C-138 in April 2004 by EPI.

Investigation of hydrocarbon impact in soil and groundwater continued through 2005, detailed in a March 2006 *Site Investigation and Annual Report*, which was submitted to New Mexico Oil Conservation Division (NMOCD) and Plains.

During 2006, soil remediation was conducted and monitoring of groundwater and phase separated hydrocarbons (PSH) recovery continued approximately on a bimonthly basis.

In May 2006, a soil remediation plan was submitted to the NMOCD to address soil contamination at the site. Objectives of this risk-based soil remediation plan were to isolate and control contaminants of concern (COCs) in the soil and to prevent further impact to groundwater. The soil remediation plan was approved by NMOCD in a correspondence dated June 1, 2006. A *Soil Closure Report*, which details the excavation, impermeable liner installation and other activities completed to meet the objectives identified in the soil remediation plan and the specific conditions identified in the NMOCD approval letter, was submitted to the NMOCD in March 2007.

Monthly gauging data did not indicate significant fluctuation in groundwater elevations during 2007. The groundwater flow based on the gauging data collected during 2007 was to the east-southeast at an approximate gradient across the site of 0.0018 feet/feet as measured between monitoring wells MW-4 and MW-7 (Figures 3A - 3D, Appendix A). The groundwater gradient and flow direction across the site during this period are consistent throughout 2007, as well as consistent with 2005 and 2006 data.

The dissolved phase plume was evaluated by analyzing groundwater samples collected from six monitoring wells which do not contain PSH. Benzene was detected in MW-2 and MW-3 located slightly down-gradient of the excavated soil area (Figure 2, Appendix A) in the first two quarters of 2007. The analytical data in

both of these wells showed a decreasing trend in benzene concentration during 2007, as no benzene was detected during the 3rd and 4th quarters of 2007. Benzene, toluene, ethylbenzene and total xylenes (BTEX) constituents were not detected in the remaining up-gradient, cross-gradient, and down-gradient monitoring wells.

One recovery well and one monitoring well contained measurable PSH which was recovered using absorbent socks and by manual bailing. The PSH thickness varied from 0.01 to 2.28 feet in RW-1, and 0.02 to 1.54 feet in MW-1. PSH sheen was observed in recovery wells RW-2, and RW-3 during 2007. Approximately 47 gallons of PSH were recovered from approximately 448 gallons of total fluids removed during 2007.

The decrease in dissolved phase hydrocarbon concentrations and decrease in PSH thicknesses on groundwater can be directly related to removal of impacted surface and shallow subsurface soil, placement of a liner to prevent migration of COC, and PSH removal via manually bailing and natural attenuation.

1.0 INTRODUCTION AND SITE HISTORY

Premier Environmental Services, Inc. (Premier) has been retained by Plains Marketing, L.P. (Plains) to complete this Annual Report at the Vacuum to Jal 14" Mainline #3 Site (Site) (SRS Nos. 2003-00117). The Site is located in unit letter A, NE¼ of the NE¼, Section 35 Township 21S, Range 37E, or specifically at latitude 32° 26' 32.67" N and longitude 103° 07' 36.885" W in Lea County, New Mexico (Figure 1, Appendix A).

A hydrocarbon leak occurred on May 8, 2003, apparently caused by internal corrosion. The release was below the reportable quantity and was not initially reported to the New Mexico Oil Conservation Division (NMOCD).

The release was investigated and soil was excavated and stockpiled in June 2003 by Environmental Plus, Inc. (EPI). Transport of 676 cubic yards of stockpiled soil to the Lea Station Land Farm for treatment was reported on the C-138 in April 2004.

Investigation of hydrocarbon impact in soil and groundwater continued through 2005. The results of the 2005 soil and groundwater investigations are detailed in a March 2006 **Site Investigation and Annual Report**, which was submitted to NMOCD and Plains. During 2006, soil impact was further assessed and groundwater monitoring continued on a quarterly basis.

In May 2006, a soil remediation plan was submitted to the NMOCD to address soil impact at the site. Objectives of this risk-based plan were to isolate and control contaminants of concern (COCs) in the soil and to prevent further impact to groundwater. The soil remediation plan was approved by NMOCD in a June 1, 2006 letter.

In October 2006, excavation of impacted soil was completed in accordance with the *Soil Remediation Plan* to satisfy soil remediation goals and meet regulatory requirements. The excavation footprint and monitoring wells locations are shown in Figure 2, Appendix A.

The base of the excavation was over-excavated to an approximate depth of 5 feet below the bottom of the pipeline, and the base of the excavation was graded with a high central area. A 20-mil high-density polyethylene (HDPE) impermeable liner was placed at the base of the excavation, then trimmed, backfilled and covered with a 6-inch-thick layer of clean imported topsoil layer. The outward slope from the center of the excavation facilitates drainage away from the residual hydrocarbon.

A composite soil sample was collected from the onsite stockpiled soil to verify use of the soil as acceptable fill and analytical results were below the NMOCD established standard of 1,000 mg/kg TPH for backfill material. Details regarding soil remediation can be found in the *December 2006 Soil Closure Report*, submitted to the NMOCD in December 2006.

2.0 2007 ACTIVITIES

2.1 2007 Groundwater Activities

Groundwater at the site was evaluated during 2007 through weekly gauging of three recovery wells, seven monitoring wells; and quarterly groundwater sampling from six monitoring wells for laboratory analysis. Groundwater samples were analyzed for BTEX constituents. Three recovery wells and one monitoring well contained measurable PSH. Recovery wells RW-1, RW-2, RW-3, and monitor well MW-1 contained PSH and groundwater samples were not collected for laboratory analysis. PSH was recovered using absorbent socks and manual bailing.

2.1 1st Quarter – Groundwater Sampling Results – February 2007

In February 2007, Premier conducted the first quarterly groundwater sampling event at the Site. During each quarterly groundwater sampling event, prior to purging the wells, depth to PSH and water level measurements were collected from each well using an electric oil/water interface probe. The oil/water interface probe was decontaminated before use in each well. Prior to collecting groundwater samples from each of the wells, approximately 3 well volumes of water were purged from each well using dedicated PVC bailers. After purging was completed, groundwater samples were collected using dedicated disposable bailers. All samples were placed in laboratory provided containers and placed in a cooler with ice until being shipped to Accutest, Inc. in Houston, Texas for analysis. All purge water was placed in labeled 55-gallon drums and contained on-site.

During the February 28, 2007 event, groundwater samples were collected from monitor wells MW-2 through MW-7 and submitted to Accutest for laboratory analyses of benzene, toluene, ethylbenzene and total xylenes (BTEX) analysis by EPA Method 8260B. Groundwater samples were not collected from recovery wells RW-1, RW-2 and RW-3 and monitor well MW-1 during the February 2007 sampling event due to the presence of PSH in these wells. PSH thicknesses ranged between 0.54 feet (sheen) to 0.9 feet in wells MW-1 and RW-1, while wells RW-2 and RW-3 showed only a sheen.

Analytical results for the groundwater samples collected at the Site on February 28, 2007 indicated that benzene was the only constituent detected above NMOCD remedial guidelines (Table 1, Appendix B). Benzene was identified at concentrations higher than the NMOCD standards in two samples (MW-2 and MW-3). The sample collected from monitor well MW-2 showed concentrations of 0.186^a mg/L benzene (^a indicates that the result is from the second run in the laboratory, and a dilution was done in the laboratory), 0.0141 mg/L ethylbenzene, and 0.0015 mg/L total xylenes. Monitor well sample MW-3 contained concentrations of 0.0583 mg/L benzene, 0.00054J mg/L toluene, ("J" flagged means the result is estimated by the laboratory), 0.0052 mg/L ethylbenzene and 0.0036 mg/L total xylene (see Table 1 in Appendix B and Figure 4A in Appendix A). A copy of the laboratory's analytical data package is included in Appendix C.

The depth to water level measurements collected from wells MW-4 and MW-7 at the Site during the February 2007 sampling exercise indicated that static water levels at 3321.20 feet to 3321.95 feet, respectively. The water level data collected on February 28, 2007 indicates a southeasterly groundwater flow across the site with an approximate gradient of 0.002 feet/foot between wells MW-4 and MW-7 (see Figure 3A in Appendix A). This flow pattern places monitor well MW-2 and MW-4 down gradient from the source area.

In addition to collecting groundwater samples during the first quarter of 2007, Premier performed weekly visits to the Site to gauge and purge PSH from the two wells (MW-1 and RW-1). During each site visit, PSH and water level measurements were made on these wells prior to purging to remove measurable PSH (see Table 2 in Appendix B). Periodically, absorbent socks were used in the two other wells (RW-2 and RW-3). During PSH recovery activities, typically, 1 to 2 gallons of PSH and 5-10 of water with dissolved phase hydrocarbons were removed from each well with measurable PSH. All fluids removed from the recovery wells at the Site were placed in labeled 55-gallon drums and are being stored on-site.

2.2 2nd Quarter – Groundwater Sampling Results – May 2007

The second quarter groundwater sampling activities were conducted on May 30, 2007 and included the collection of groundwater samples from monitor wells MW-2 through MW-7. Analytical results for groundwater samples collected during the May 2007 sampling event indicated that only benzene was detected in MW-2 and MW-3 samples at a concentration above the NMOCD remediation criteria (Table 1, Appendix B). The sample from monitor wells MW-2 and MW-3 indicated concentrations of benzene at 0.270^a mg/L and 0.0562 mg/L, respectively.

MW-2 sample also indicated concentrations of 0.0188 mg/L ethylbenzene and 0.0029 mg/L total xylenes, while MW-3 sample indicated concentrations of 0.0041 mg/L ethylbenzene only. All remaining constituents in samples from monitor wells MW-2 through MW-7 were below the laboratory reporting limit. Due to the presence of PSH in MW-1, RW-1, RW-2 and RW-3, groundwater samples were not collected from these wells during the second quarter (see Figure 4B in Appendix A). PSH gauging and purging activities continued at the Site on a weekly basis during the second quarter (Table 2 in Appendix B).

The depth to water level measurements collected from all the wells at the Site during the May 2007 sampling exercise were used to construct the hydraulic gradient map included as Figure 3B (Appendix A). The water level data collected on May 30, 2007 indicates an east-southeast groundwater flow across the site with an approximate gradient of 0.0020 feet/foot as measured between monitor wells MW-4 and MW-7.

2.3 3rd Quarter – Groundwater Sampling Results – September 2007

The third quarter groundwater sampling activities were conducted on September 7, 2007 and included the collection of groundwater samples from monitor wells MW-2 through MW-7. Analytical results for groundwater samples collected during the September 2007 sampling event indicated no sample concentrations are above the NMOCD remediation criteria. The MW-2 sample indicated a concentration of 0.0021 mg/L benzene and 0.0068 xylenes. While MW-3 sample indicated concentrations of 0.0079 mg/L ethylbenzene only. All remaining constituents in samples from monitor wells MW-2 through MW-7 were below the laboratory reporting limit.

Due to the presence of PSH in wells MW-1, RW-1, RW-2 and RW-3, groundwater samples were not collected from these wells during the third quarter (see Figure 4C in Appendix A). PSH gauging and purging activities continued at the Site on a weekly basis during the third quarter.

The depth to water level measurements collected from all the wells at the Site during the September 2007 sampling exercise were used to construct the hydraulic gradient map included as Figure 3C (Appendix A). The water level data collected on September 7, 2007 indicates an east-southeast groundwater flow across the site with an approximate gradient of 0.0015 feet/foot as measured between monitor wells MW-4 and MW-7.

2.3 4th Quarter – Groundwater Sampling Results – November 2007

The fourth quarter groundwater sampling activities were conducted on November 13, 2007 and included the collection of groundwater samples from monitor wells MW-2 through MW-7. Analytical results for groundwater samples collected during the November 2007 sampling event indicated all constituents in samples from monitor wells MW-2 through MW-7 were below the laboratory reporting limit (Table 1, Appendix B).

Due to the presence of PSH in wells MW-1, RW-1, RW-2 and RW-3, groundwater samples were not collected from these wells during the fourth quarter (see Figure 4D in Appendix A). For November 2007, the average PSH level in monitor wells MW-1 was approximately 1.0 foot. All other recovery wells with PSH showed only a sheen.

The depth to water level measurements collected from all the wells at the Site during the November 2007 sampling exercise were used to construct the hydraulic gradient map included as Figure 3D (Appendix A). The water level data collected on November 13, 2007 indicates an east-southeast groundwater flow across the site with an approximate gradient of 0.002 feet/foot as measured between monitor wells MW-4 and MW-7.

2.5 PSH Recovered

PSH gauging and removal activities continued at the site in 2007 on a weekly basis. Recovery methods included hand bailing and the use of adsorbent socks to remove PSH observed in wells MW-1 and RW-1. Removal of sheen from wells RW-2 and RW-3 was completed using absorbent socks. In 2007, based on PSH gauging and recovery data, summarized in Table 2, approximately 448 gallons of dissolved phase hydrocarbons and 47 gallons of PSH were recovered from the two wells. The volume of PSH removed using socks cannot be accurately calculated.

3.0 CONCLUSIONS

During 2007, groundwater monitoring was conducted on a quarterly basis and PSH recovery was ongoing through manual bailing and the use of absorbent socks.

Measurable PSH and/or sheen were observed in recovery wells RW-1, RW-2, and RW-3, and monitor well MW-1 during 2007. Approximately 47 gallons of PSH were recovered from approximately 448 gallons of groundwater with dissolved phase hydrocarbons. These fluids were manually bailed from one recovery well (RW-1) and one monitoring well (MW-1).

Benzene was detected above NMOCD criteria in MW-2 and MW-3 located slightly down-gradient of the excavated soil area (Figures 4A-4B, Appendix A; Table 2, Appendix B). The analytical data in both of these wells showed a decreasing trend in benzene concentration during 2007 as both wells were below regulatory limits in the third quarter and were below the laboratory reporting limit in the fourth quarter (Figures 4C-4D, Appendix A; Table 2, Appendix B). BTEX constituents were not detected in the remaining up-gradient, cross-gradient, and down-gradient monitoring wells.

The reduction in PSH and the decrease in dissolved phase hydrocarbon concentrations are attributable to the removal of affected soils in the surface and shallow subsurface soil, placement of a liner, PSH removal via manually bailing and natural attenuation.

4.0 2008 PROPOSED ACTIVITIES

Premier proposes to continue weekly PSH recovery operations through manual bailing, and changing absorbent socks in wells with PSH as necessary, monthly gauging, and quarterly groundwater sampling to monitor hydrocarbons in groundwater. Should any appreciable accumulations of PSH be observed (in excess of 0.25'), recovery operations will be increased to include hand bailing the affected wells weekly.

Appendix A Figures

Figure 1 – Site Location Map

Figure 2 – Site Map

Figure 3A – 1st Quarter 2007 Hydraulic Gradient Map

Figure 3B – 2nd Quarter 2007 Hydraulic Gradient Map

Figure 3C – 3rd Quarter 2007 Hydraulic Gradient Map

Figure 3D – 4th Quarter 2007 Hydraulic Gradient Map

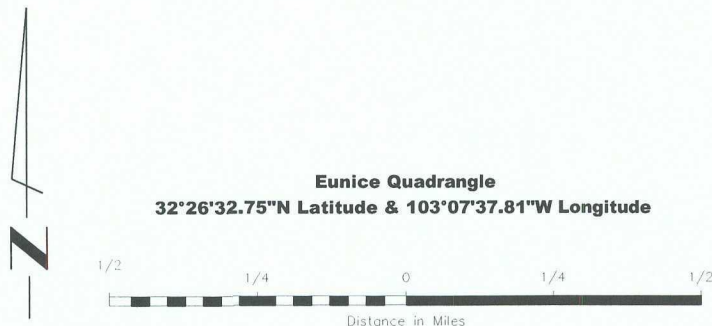
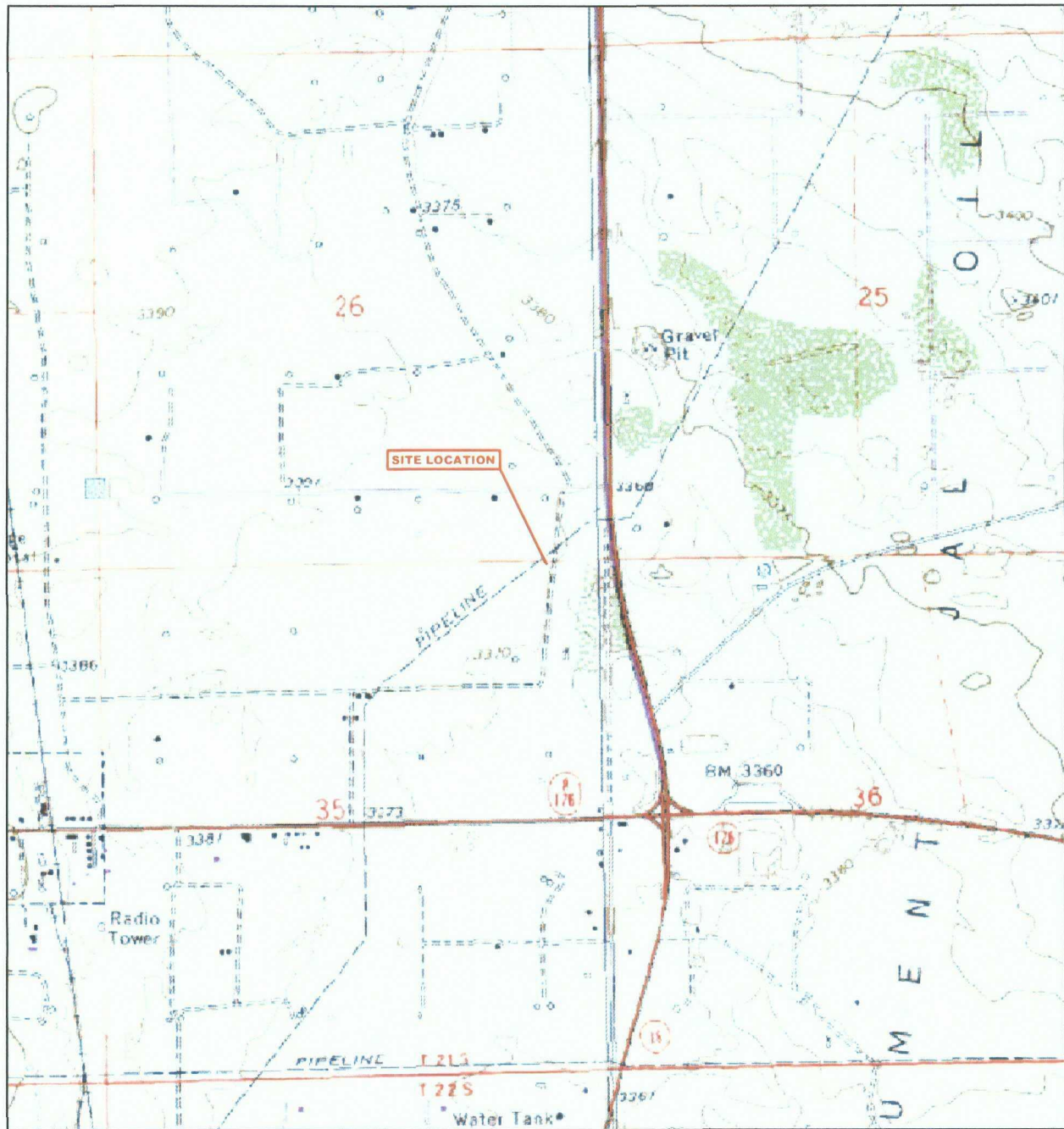
Figure 4A – 1st Quarter 2007 BTEX Concentration Map

Figure 4B – 2nd Quarter 2007 BTEX Concentration Map

Figure 4C – 3rd Quarter 2007 BTEX Concentration Map

Figure 4D – 4th Quarter 2007 BTEX Concentration Map

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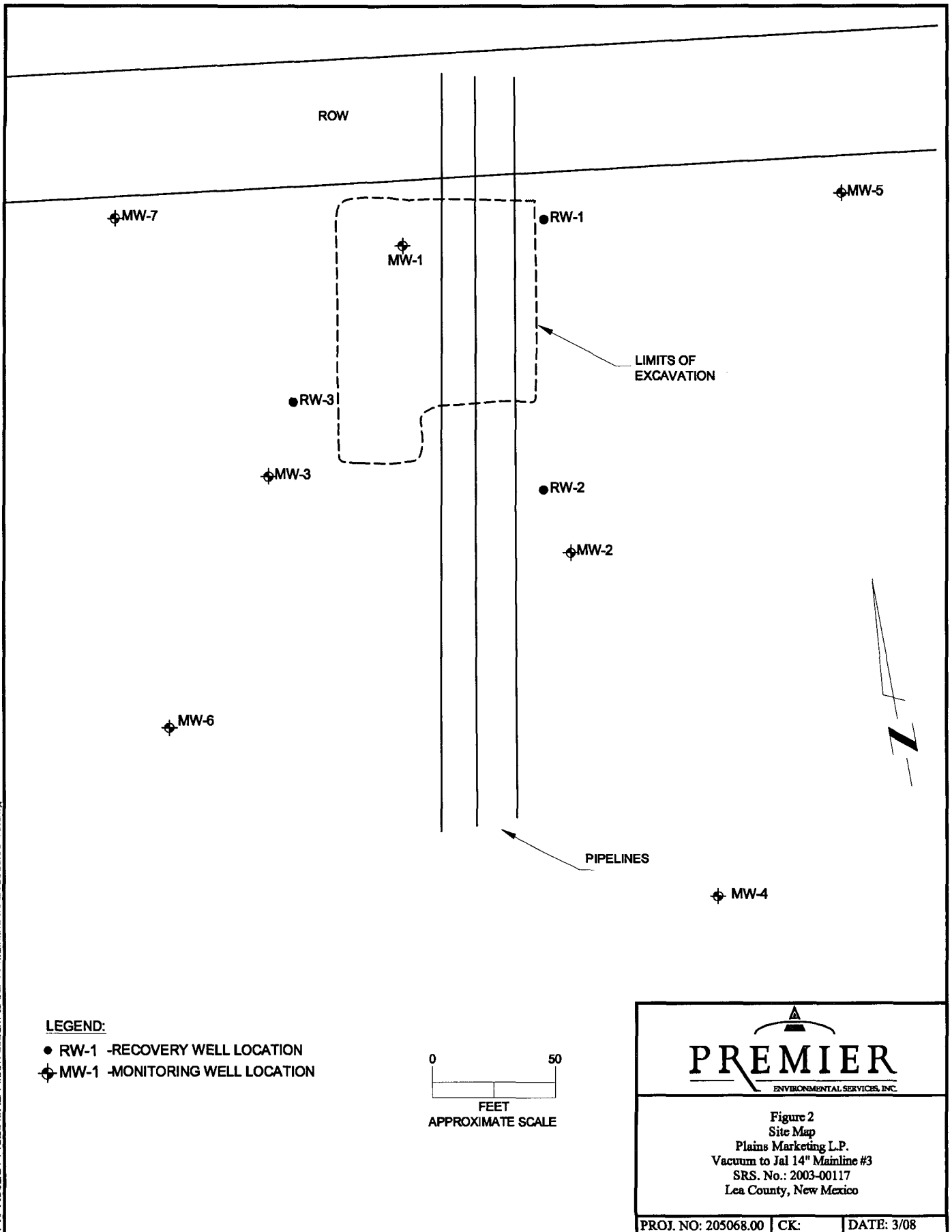
Eunice Quadrangle
32°26'32.75"N Latitude & 103°07'37.81"W Longitude

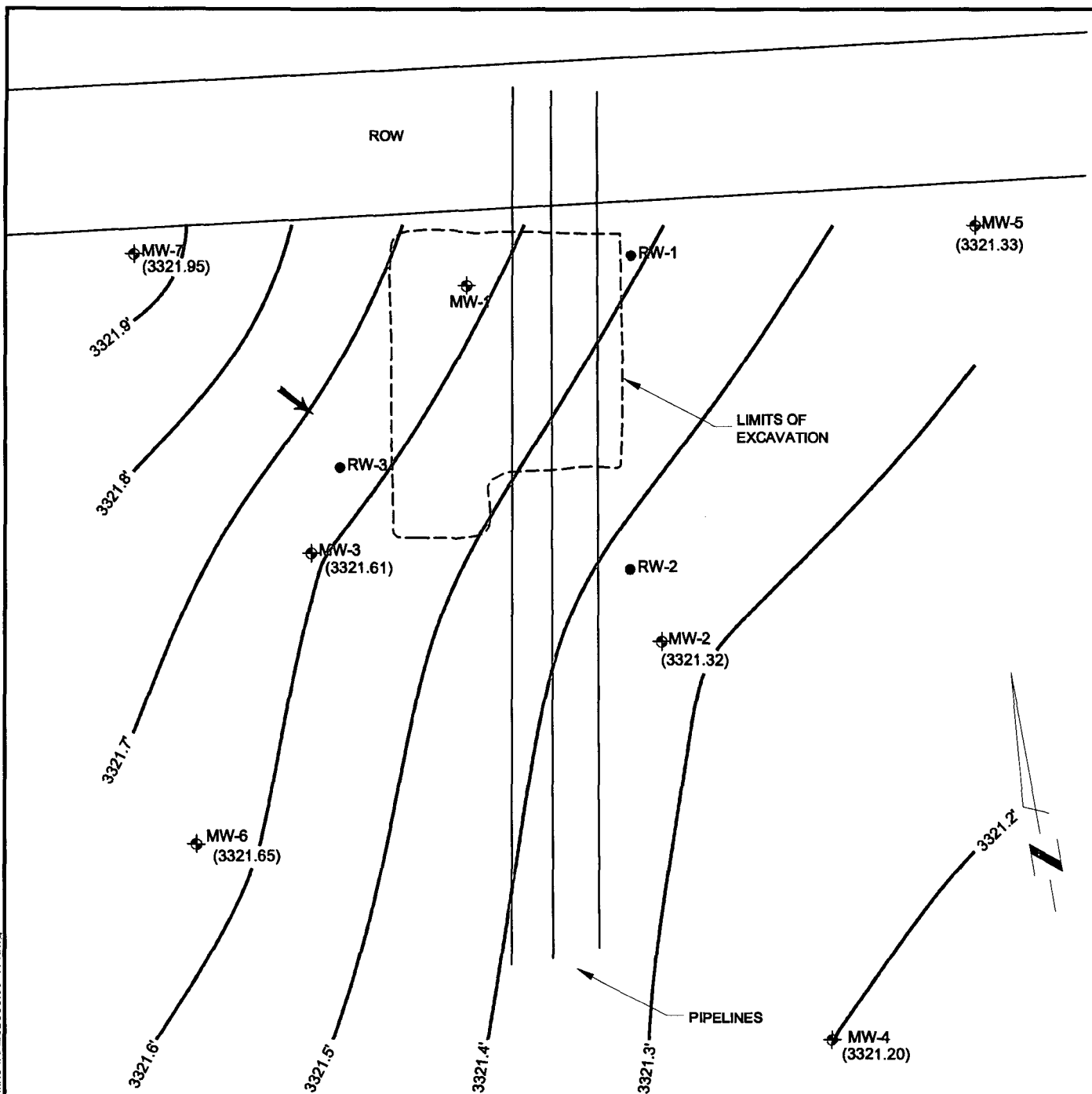


Figure 1
Site Location Map
Plains Marketing L.P.
Vacuum to Jal 14" Mainline #3
SRS. No.: 2003-00117
Lea County, New Mexico

PROJ. NO: 205068.008CK:

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LEGEND:

- RW-1 -RECOVERY WELL LOCATION
- ⊕ MW-1 -MONITORING WELL LOCATION
- (3121.11) - Corrected Ground Water Elevation, ft.
- 3321.00 - - Ground Water Elevation Contour, ft.
Contour Interval=0.1 ft.
- ➔ - Apparent Ground Water Flow Direction

Note: Wells MW-1, RW-1, RW-2, and RW-3 not used to contour.

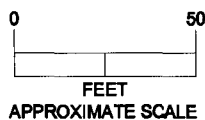
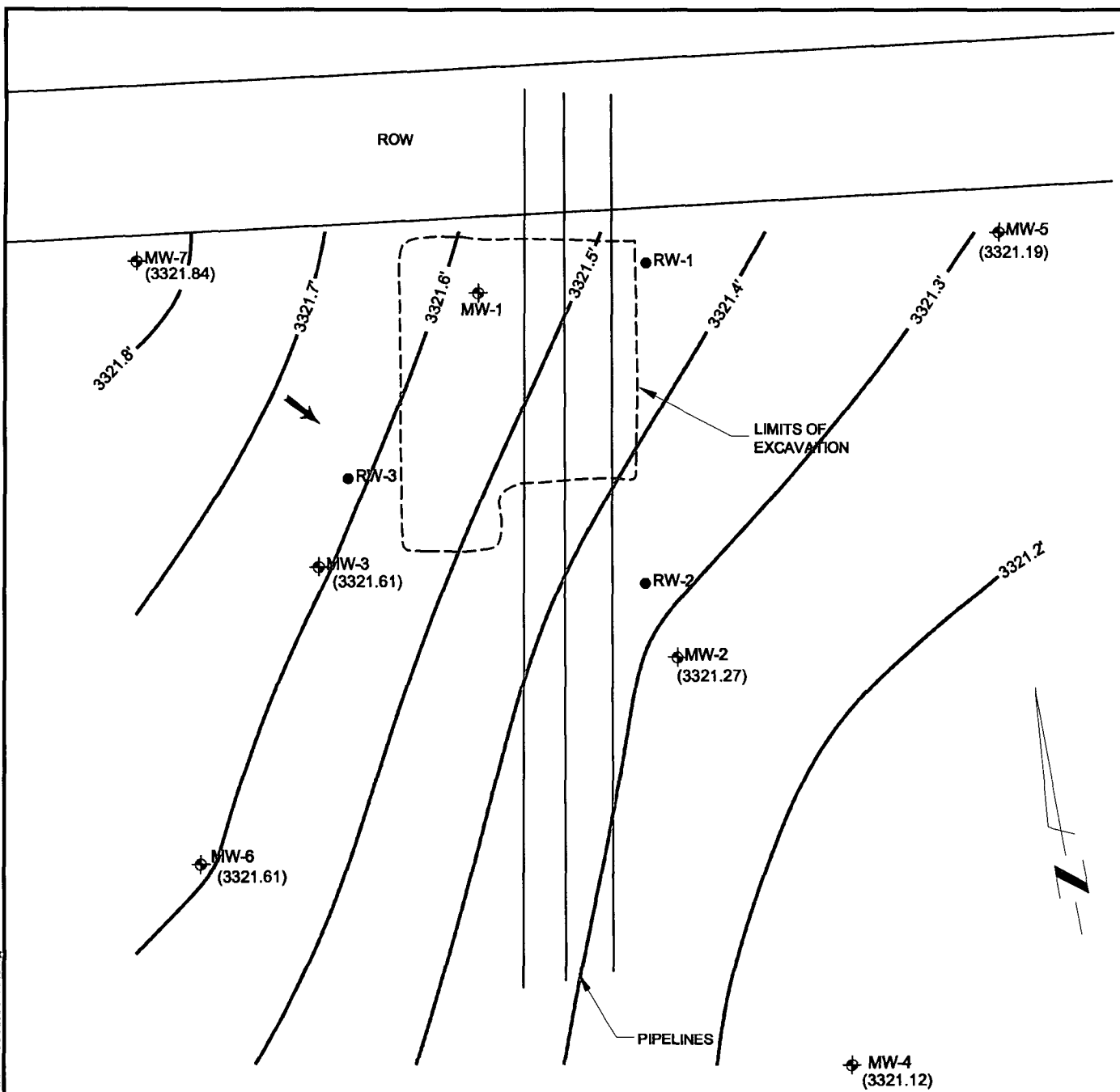


Figure 3-A
1st Quarter 2007 - Hydraulic Gradient Map
February 22, 2007
Plains Marketing L.P.
Vacuum to Jal 14" Mainline #3
SRS. No.: 2003-00117
Lea County, New Mexico

PROJ. NO: 205068.00 CK: DATE: 3/08

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LEGEND:

- RW-1 -RECOVERY WELL LOCATION
- ⊕ MW-1 -MONITORING WELL LOCATION
- (3121.11) - Corrected Ground Water Elevation, ft.
- 3321.00 - - Ground Water Elevation Contour, ft.
Contour Interval=0.1 ft.
- ➔ - Apparent Ground Water Flow Direction

Note: Wells MW-1, RW-1, RW-2, and RW-3 not used to contour.

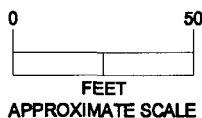
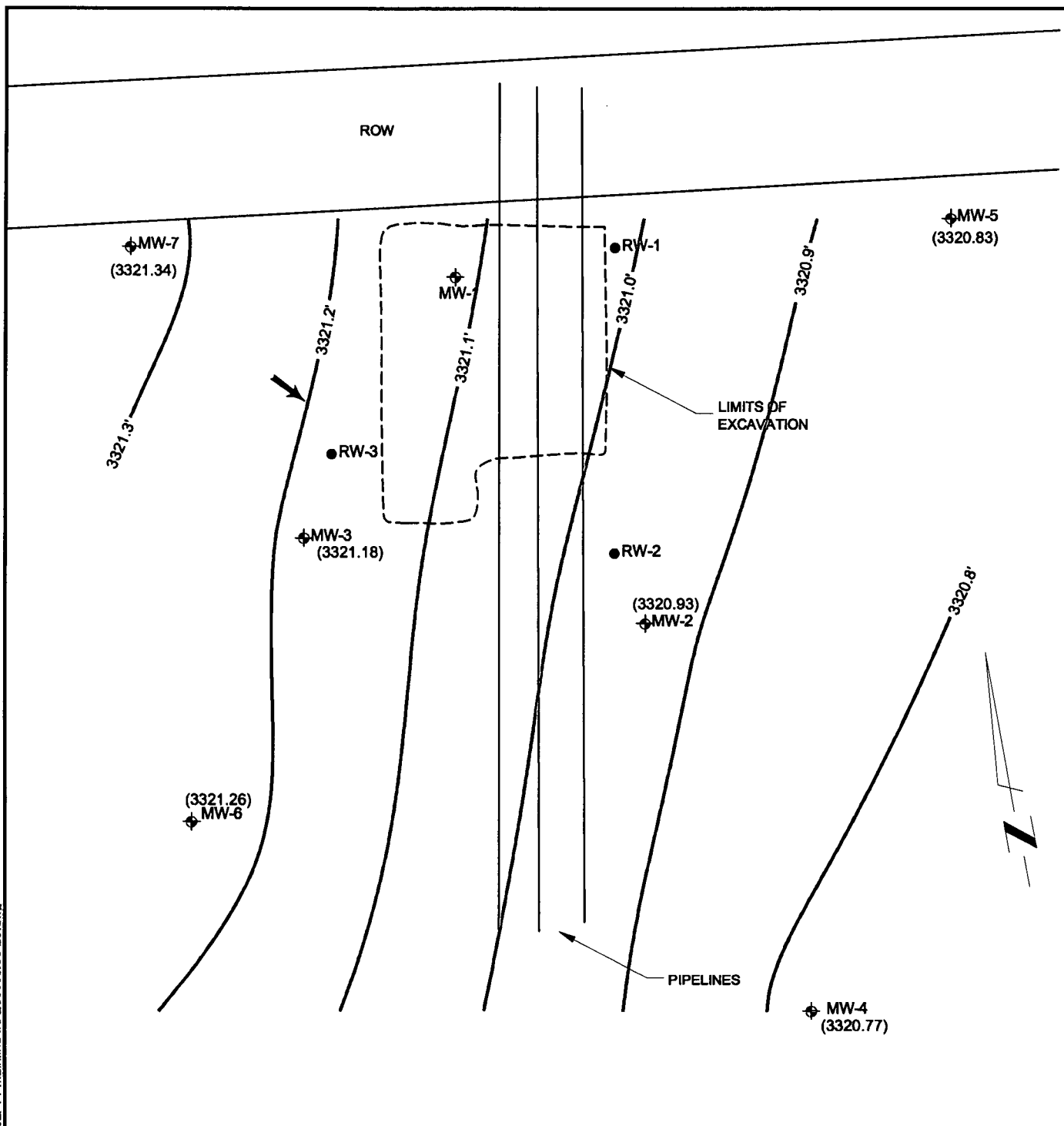


Figure 3-B
2nd Quarter 2007 - Hydraulic Gradient Map
May 30, 2007
Plains Marketing L.P.
Vacuum to Jal 14" Mainline #3
SRS. No.: 2003-00117
Lea County, New Mexico

PROJ. NO: 205068.00 CK: DATE: 32/08

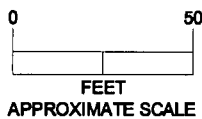
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LEGEND:

- RW-1 -RECOVERY WELL LOCATION
- ⊕ MW-1 -MONITORING WELL LOCATION
- (3121.11) - Corrected Ground Water Elevation, ft.
- 3321.00 - Ground Water Elevation Contour, ft.
Contour Interval=0.1 ft.
- ➔ - Apparent Ground Water Flow Direction

Note: Wells MW-1, RW-1, RW-2, and RW-3 not used to contour.

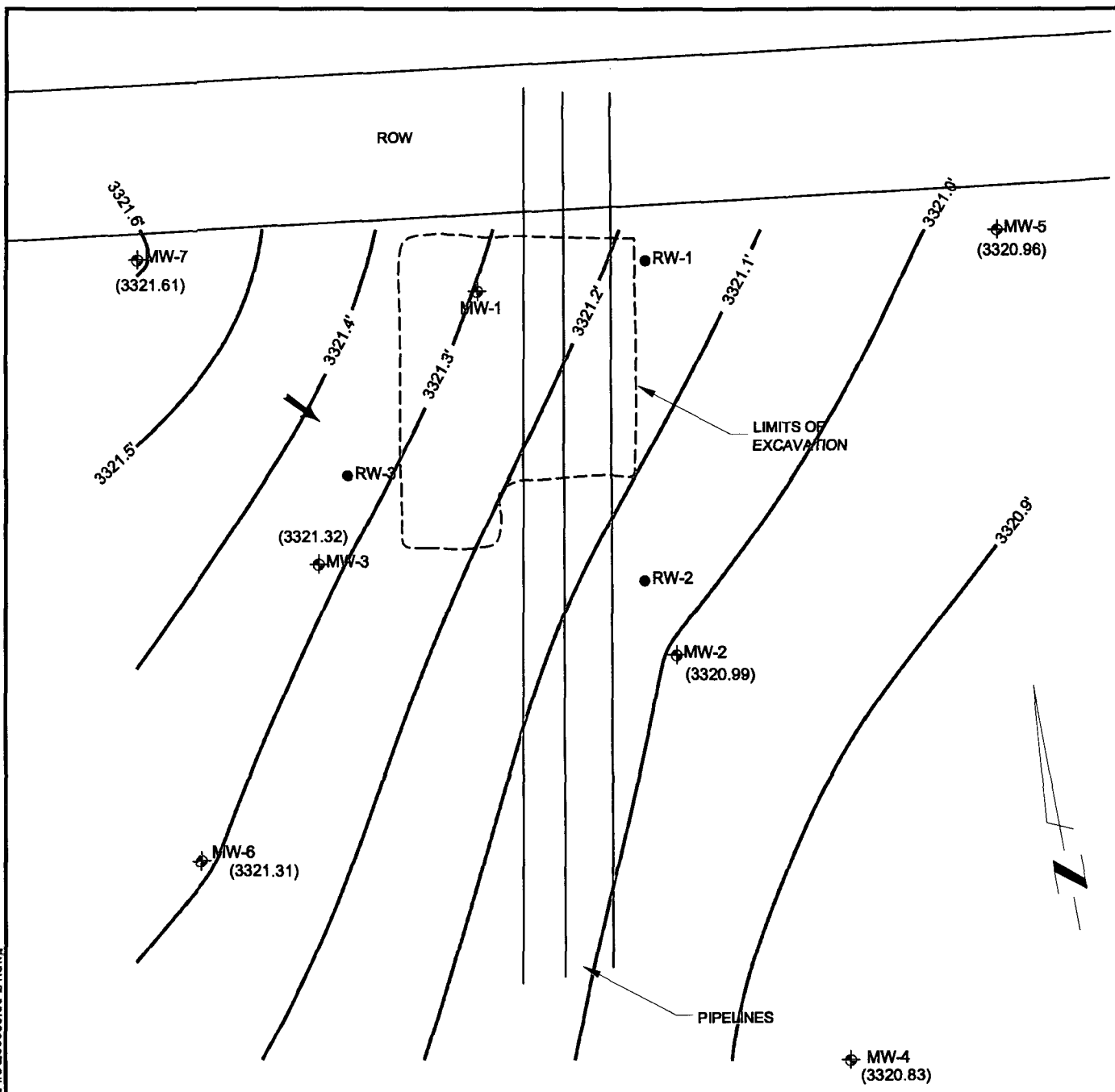


PREMIER
ENVIRONMENTAL SERVICES, INC.

Figure 3-C
3rd Quarter 2007 - Hydraulic Gradient Map
September 7, 2007
Plains Marketing L.P.
Vacuum to Jal 14" Mainline #3
SRS. No.: 2003-00117
Lea County, New Mexico

PROJ. NO: 205068.00 | CK: | DATE: 32/08

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LEGEND:

- RW-1 - RECOVERY WELL LOCATION
- ⊕ MW-1 - MONITORING WELL LOCATION
- (3121.11) - Corrected Ground Water Elevation, ft.
- 3321.00 - Ground Water Elevation Contour, ft.
Contour Interval=0.1 ft.
- ➔ - Apparent Ground Water Flow Direction

Note: Wells MW-1, RW-1, RW-2, and RW-3 not used to contour.

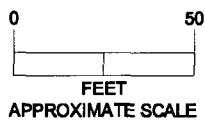
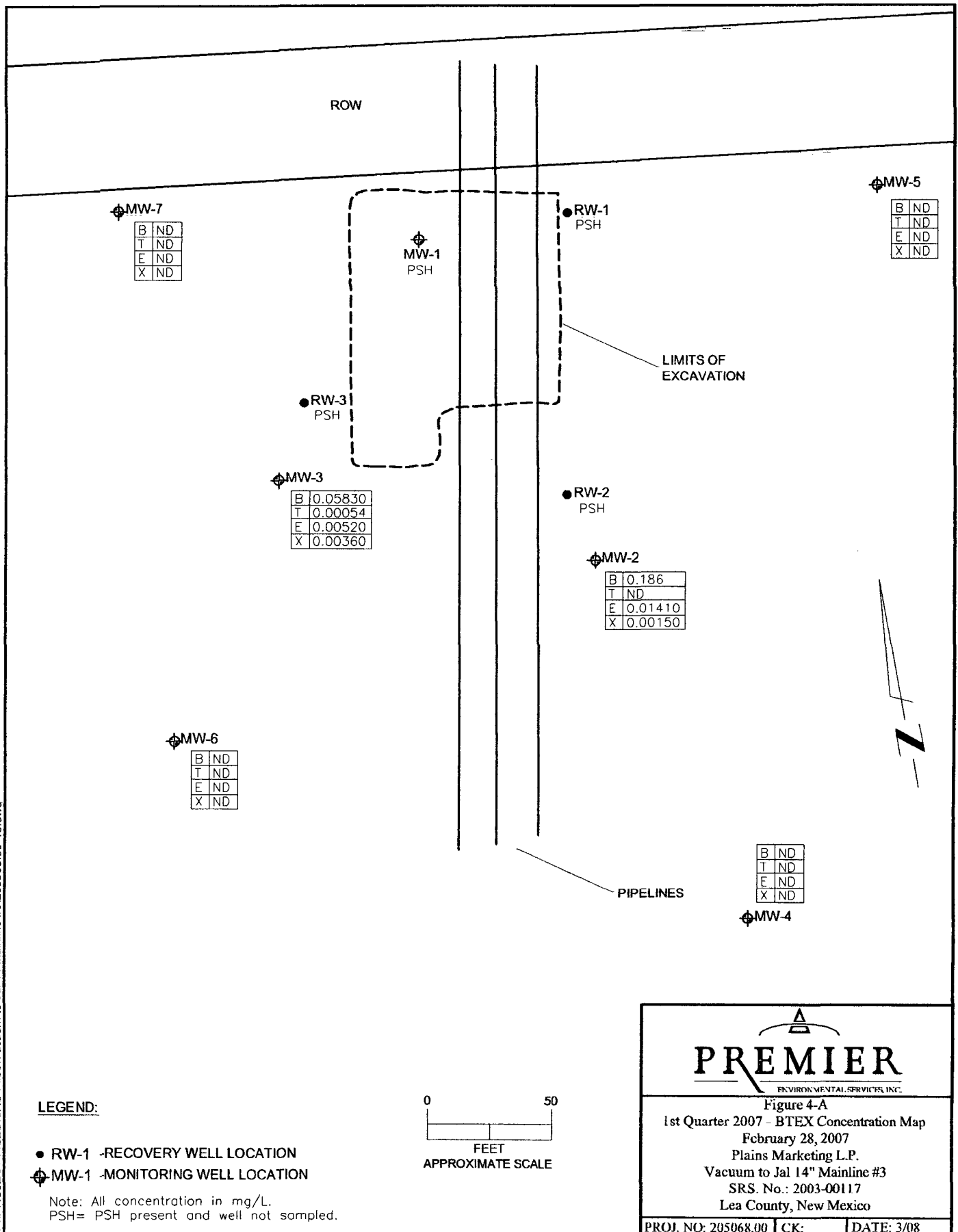
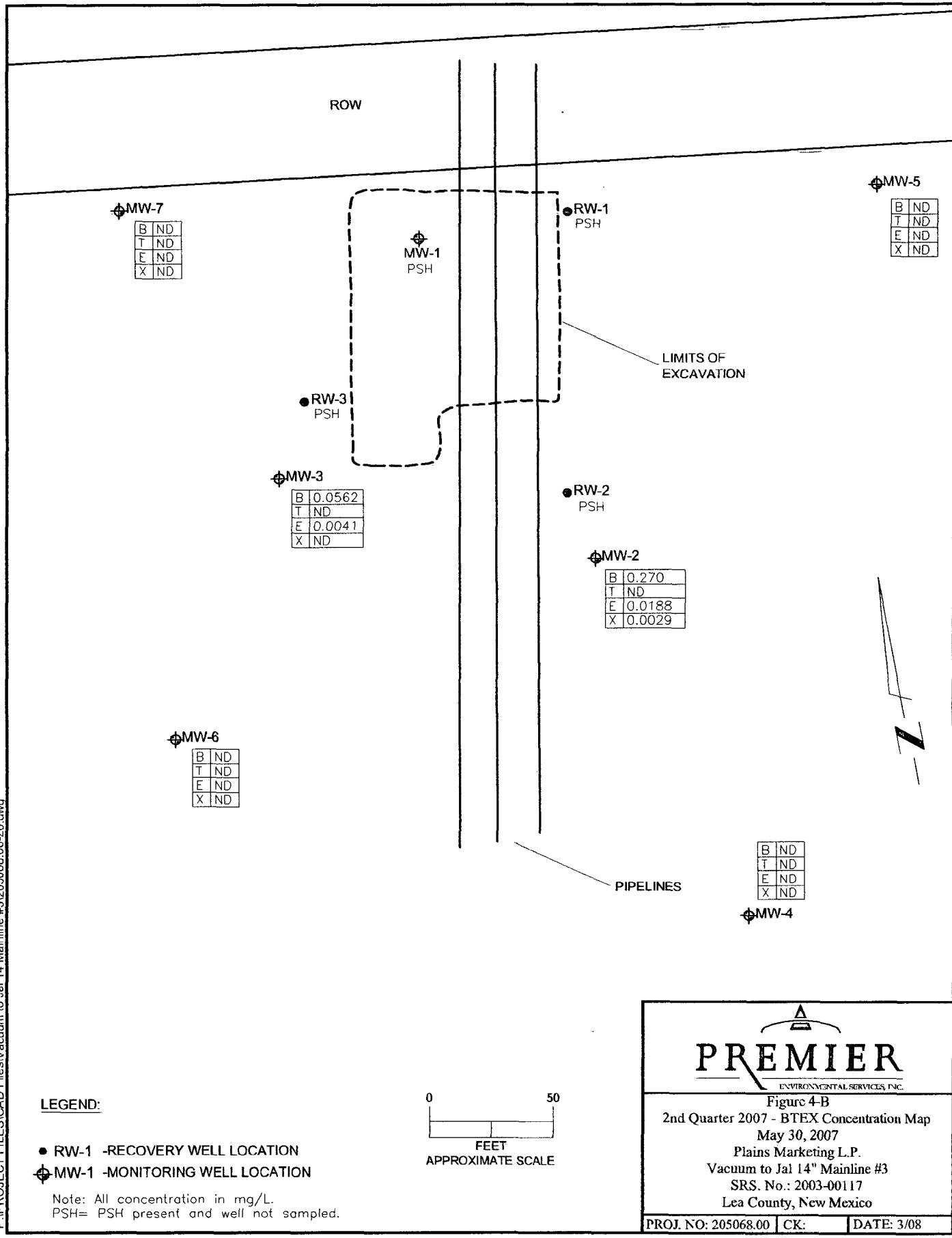


Figure 3-D
4th Quarter 2007 - Hydraulic Gradient Map
November 13, 2007
Plains Marketing L.P.
Vacuum to Jal 14" Mainline #3
SRS. No.: 2003-00117
Lea County, New Mexico

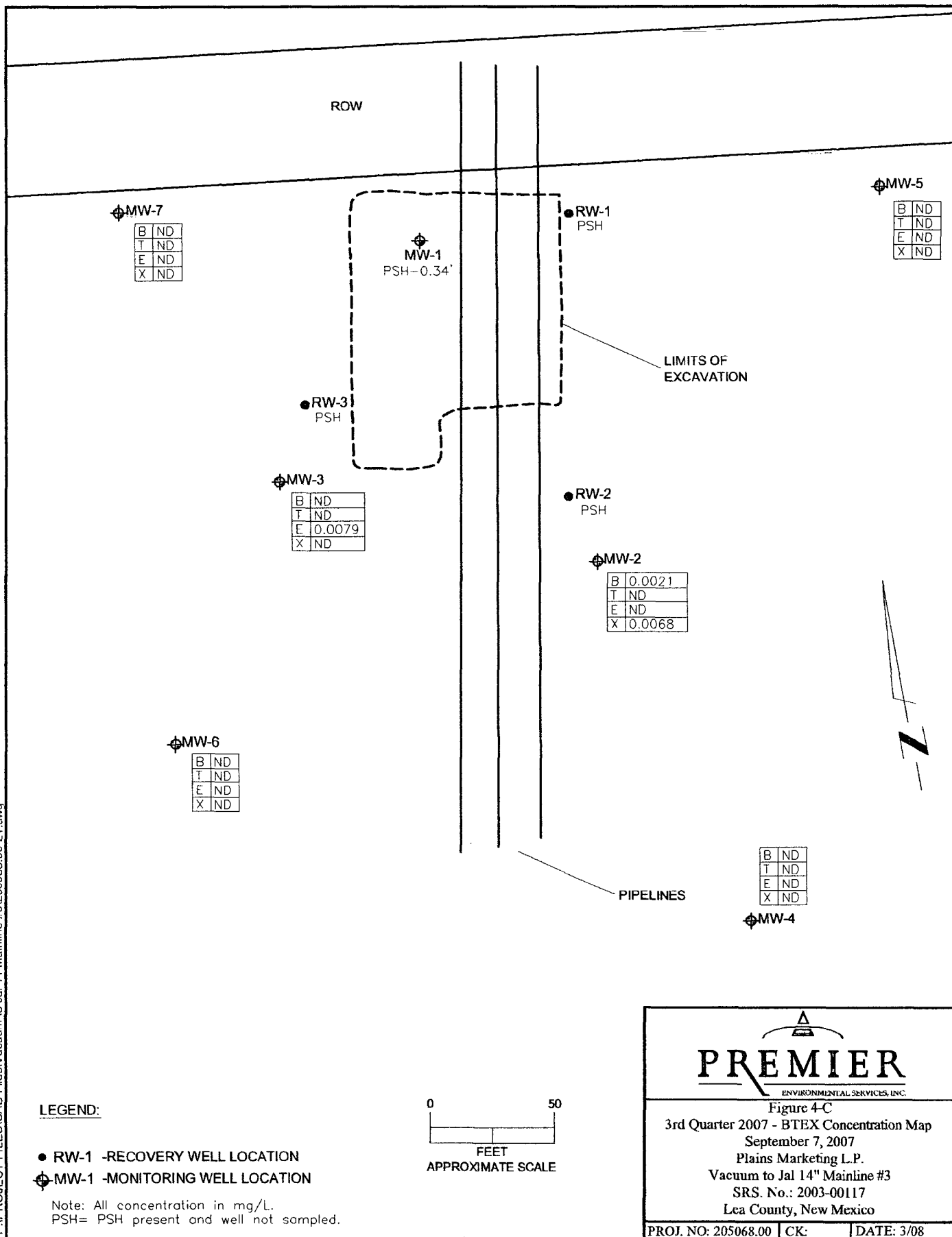
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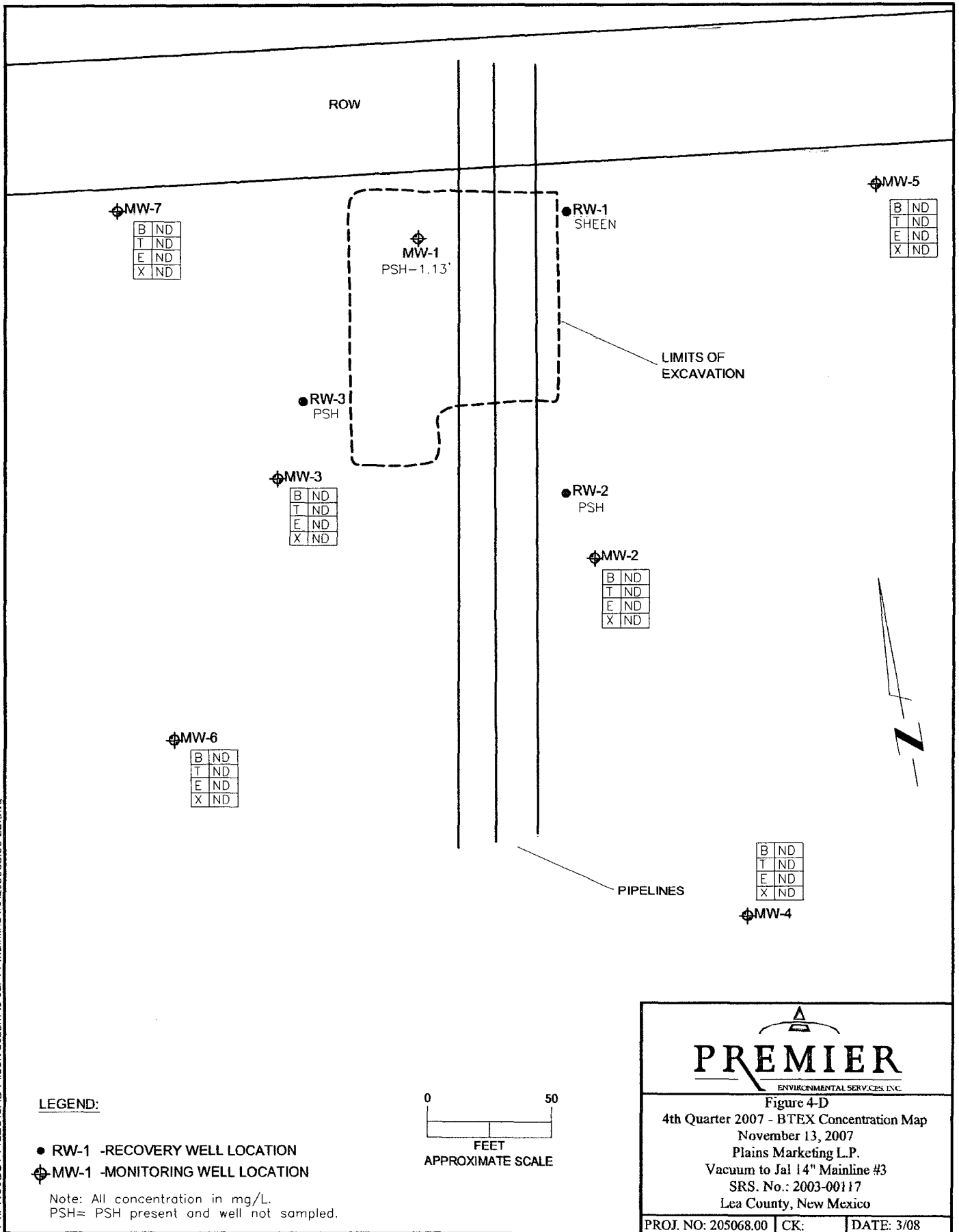
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Appendix B Tables

Table 1 - 2007 Groundwater Analytical Results

Table 2 - 2007 Groundwater Gauging Data

TABLE 1
GROUNDWATER SAMPLE ANALYTICAL RESULTS

Plains Marketing, L.P.
SRS # 2003-00117
Vacuum to Jal Mainline #3
Lea County, New Mexico

SAMPLE LOCATION	SAMPLE DATE	SAMPLE ID	SW 846-8021B			
			BENZENE mg/L	TOLUENE mg/L	ETHYL- BENZENE mg/L	Total XYLENES mg/L
			NMOCD Remediation Criteria			
			0.010	0.750	0.750	0.620
MW-2	03/28/06	T13037-1	0.243	0.00750	0.04570	0.09390
MW-2	06/15/06	T13863-1	0.333	0.0033 J	0.01960	0.01040
MW-2	09/12/06	T14672-1	0.178	<0.00020	0.01780	0.00940
MW-2	12/06/06	T15622-1	0.214 ^a	<0.00020	0.01850	0.00800
MW-2	02/28/07	T16496-1	0.186 ^a	<0.00020	0.01410	0.00150
MW-2	05/30/07	T17641-1	0.270 ^a	<0.00023	0.01880	0.00290
MW-2	09/07/07	T18808-1	0.00210	<0.00023	<0.00035	0.00680
MW-2	11/13/07	T19744-1	<0.0005	<0.0005	<0.0005	<0.001
MW-3	03/28/06	T13037-2	0.501	0.07580	0.05180	0.06270
MW-3	06/15/06	T13863-2	0.432	<0.0018	0.06030	0.04530
MW-3	09/12/06	T14672-2	0.0612	<0.00020	0.00490	<0.00036
MW-3	12/06/06	T15622-2	0.190 ^a	0.00110	0.02470	0.00360
MW-3	02/28/07	T16496-2	0.05830	0.00054 J	0.00520	0.00360
MW-3	05/30/07	T17641-2	0.05620	<0.00023	0.00410	<0.00055
MW-3	09/07/07	T18808-2	<0.00021	<0.00023	0.00790	<0.00055
MW-3	11/13/07	T19744-2	<0.0005	<0.0005	<0.0005	<0.001
MW-4	03/28/06	T13037-3	<0.00038	<0.00036	<0.00035	<0.00072
MW-4	06/15/06	T13863-3	<0.00038	<0.00036	<0.00035	<0.00072
MW-4	09/12/06	T14672-3	<0.00035	<0.00020	<0.00033	<0.00036
MW-4	12/06/06	T15622-3	<0.00035	<0.00020	<0.00033	<0.00036
MW-4	02/28/07	T16496-3	<0.00035	<0.00020	<0.00033	<0.00036
MW-4	05/30/07	T17641-3	<0.00021	<0.00023	<0.00035	<0.00055
MW-4	09/07/07	T18808-3	<0.00021	<0.00023	<0.00035	<0.00055
MW-4	11/13/07	T19744-3	<0.0005	<0.0005	<0.0005	<0.001
MW-5	03/28/06	T13037-4	<0.00038	<0.00036	<0.00035	<0.00072
MW-5	06/15/06	T13863-4	<0.00038	<0.00036	<0.00035	<0.00072
MW-5	09/12/06	T14672-4	<0.00035	<0.00020	<0.00033	<0.00036
MW-5	12/06/06	T15622-4	<0.00035	<0.00020	<0.00033	<0.00036
MW-5	02/28/07	T16496-4	<0.00035	<0.00020	<0.00033	<0.00036
MW-5	05/30/07	T17641-4	<0.00021	<0.00023	<0.00035	<0.00055
MW-5	09/07/07	T18808-4	<0.00021	<0.00023	<0.00035	<0.00055
MW-5	11/13/07	T19744-4	<0.0005	<0.0005	<0.0005	<0.001
MW-6	03/28/06	T13037-5	<0.00038	<0.00036	<0.00035	<0.00072
MW-6	06/15/06	T13863-5	<0.00038	<0.00036	<0.00035	<0.00072
MW-6	09/12/06	T14672-5	<0.00035	<0.00020	<0.00033	<0.00036
MW-6	12/06/06	T15622-5	<0.00035	<0.00020	<0.00033	<0.00036
MW-6	02/28/07	T16496-5	<0.00035	<0.00020	<0.00033	<0.00036
MW-6	05/30/07	T17641-5	<0.00021	<0.00023	<0.00035	<0.00055
MW-6	09/07/07	T18808-5	<0.00021	<0.00023	<0.00035	<0.00055
MW-6	11/13/07	T19744-5	<0.0005	<0.0005	<0.0005	<0.001

TABLE 1
GROUNDWATER SAMPLE ANALYTICAL RESULTS

Plains Marketing, L.P.
SRS # 2003-00117
Vacuum to Jal Mainline #3
Lea County, New Mexico

SAMPLE LOCATION	SAMPLE DATE	SAMPLE ID	SW 846-8021B			
			BENZENE mg/L	TOLUENE mg/L	ETHYL- BENZENE mg/L	Total XYLENES mg/L
MW-7	03/28/06	T13037-6	<0.00038	<0.00036	<0.00035	<0.00072
MW-7	06/15/06	T13863-6	<0.00038	<0.00036	<0.00035	<0.00072
MW-7	09/12/06	T14672-6	<0.00035	<0.00020	<0.00033	<0.00036
MW-7	12/06/06	T15622-6	<0.00035	<0.00020	<0.00033	<0.00036
MW-7	02/28/07	T16496-6	<0.00035	<0.00020	<0.00033	<0.00036
MW-7	05/30/07	T17641-6	<0.00021	<0.00023	<0.00035	<0.00055
MW-7	09/07/07	T18808-6	<0.00021	<0.00023	<0.00035	<0.00055
MW-7	11/13/07	T19744-6	<0.0005	<0.0005	<0.0005	<0.001

< = Not Detected

J = Indicates an estimated value

Concentration in **Bold** = above NMOCD Remediation Criteria

Table 2
Groundwater Elevation Data
 Plains Marketing, L.P.
 SRS # 2003-00117
 Vacuum to Jal Mainline #3
 Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Depth of Well	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
MW-1	09/14/05	3362.64		36.42	36.42	0.00	install sock		3326.22
	09/20/05	3362.64	46.81	40.37	40.37	0.00	flip sock		3322.27
	09/21/05	3362.64		41.00	41.02	0.02	new sock		3321.64
	10/05/05	3362.64		41.00	41.15	0.15	flip sock		3321.62
	10/27/05	3362.64		41.23	41.24	0.01	new sock		3321.41
	11/10/05	3362.64		41.22	41.23	0.01	flip sock		3321.42
	12/21/05	3362.64		40.95	40.95	0.00	new sock		3321.69
	12/29/05	3362.64		40.77	40.77	0.00	flip sock		3321.87
	01/05/06	3362.64		41.03	41.05	0.02	new sock		3321.61
	02/09/06	3362.64		40.87	40.88	0.01	new sock		3321.77
	02/22/06	3362.64		40.77	40.78	0.01	flip sock		3321.87
	03/28/06	3362.64		41.23	41.23	0.00	sock		3321.41
	04/13/06	3362.64		41.40	41.40	0.00	new sock		3321.24
	04/25/06	3362.64		41.30	41.30	0.00	flip sock		3321.34
	05/11/06	3362.64		41.55	41.55	0.00	new sock		3321.09
	05/24/06	3362.64		41.20	41.20	0.00	new sock		3321.44
	06/07/06	3362.64		41.77	41.77	0.00	new sock	0	3320.87
	06/07/06	3362.64		41.63	41.63	0.00	new sock		3321.01
	06/15/06	3362.64		41.50	41.50	0.00	new sock		3321.14
	06/29/06	3362.64		41.73	42.18	0.45	new sock		3320.84
	06/29/06	3362.64		41.95	41.97	0.02	new sock		3320.69
	07/11/06	3362.64		41.82	42.03	0.21	flip sock		3320.79
	07/25/06	3362.64		42.41	42.60	0.19	new sock		3320.20
	08/09/06	3362.64	48.75	41.95	42.76	0.81	sock		3320.57
	08/09/06	3362.64		45.50	45.50	0.00	flip sock		3317.14
	09/12/06	3362.64	48.93	41.92	43.92	2.00	Remove Sock		3320.42
	09/19/06	3362.64		41.45	43.35	1.90		PSH 3 / H2O 7	3320.91
	09/19/06	3362.64		46.50	46.55	0.05			3316.13
	10/03/06	3362.64		41.52	42.53	1.01	No Sock	PSH 1.5 / H2O 7 (DRY)	3320.97
	10/03/06	3362.64		48.35	48.37	0.02			3314.29
	10/17/06	3362.64		48.43	49.43	1.00	No Sock	PSH 1.5 / H2O 3.5	3314.06
	10/17/06	3362.64		54.20	54.21	0.01			3308.44
	10/31/06	3362.64		48.48	49.56	1.08	No Sock	PSH 1.5 / H2O 3.5	3314.00
	10/31/06	3362.64		51.77	51.85	0.08			3310.86
	11/15/06	3362.64		48.50	49.51	1.01	No Sock		3313.99
	11/15/06	3362.64		51.40	51.55	0.15		PSH 1/ H2O 9	3311.22
	12/06/06	3362.64		48.35	49.62	1.27		PSH 1/ H2O 9	3314.10
	12/13/06	3362.64		48.32	49.68	1.36	No Sock	PSH 1.5 / H2O 3.5	3314.12
	12/13/06	3362.64		52.09	52.11	0.02			3310.55
	12/20/06	3362.64		48.08	49.62	1.54	No Sock	PSH 1.5 / H2O 6.5	3314.33
	12/20/06	3362.64		53.00	53.06	0.06			3309.63
	12/27/06	3362.64		48.25	49.11	0.86	No Sock	PSH 1 / H2O 4	3314.26
	12/27/06	3362.64		52.28	52.31	0.03			3310.36
	01/03/07	3362.64		48.28	49.12	0.84	No Sock	PSH 1.5 H2O 8.5	3314.23
	01/03/07	3362.64		53.62	53.65	0.03			3309.02

Table 2
Groundwater Elevation Data
 Plains Marketing, L.P.
 SRS # 2003-00117
 Vacuum to Jal Mainline #3
 Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Depth of Well	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
MW-1	01/09/07	3362.64		47.81	49.12	1.31	No Sock	PSH 1.25 H2O 8.5	3314.63
	01/09/07	3362.64		53.49	53.51	0.02			3309.15
	01/18/07	3362.64		48.26	49.12	0.86	No Sock	PSH 1.5/ H2O 8.5	3314.25
	01/18/07	3362.64		52.30	52.34	0.04			3310.33
	01/25/07	3362.64		48.16	48.82	0.66	No Sock	PSH 1 H2O 5.0	3314.38
	01/25/07	3362.64		52.20	52.25	0.05			3310.43
	01/31/07	3362.64		48.03	48.53	0.50	No Sock	PSH .25 H2O 5.5	3314.54
	01/31/07	3362.64		DRY	DRY				
	02/07/07	3362.64		48.10	48.64	0.54	No Sock	PSH .25 H2O 6	3314.46
	02/07/07	3362.64		DRY	DRY				
	02/14/07	3362.64		48.14	48.69	0.55	No Sock	PSH .25 H2O 7	3314.42
	02/14/07	3362.64		DRY	DRY				
	02/21/07	3362.64		48.15	49.05	0.90	No Sock	PSH .75 H2O 9	3314.36
	02/21/07	3362.64		DRY	DRY				
	03/07/07	3362.64		48.09	49.28	1.19	No Sock	PSH 2 H2O 5.5	3314.37
	03/07/07	3362.64		52.80	52.85	0.05		Dry	3309.83
	03/14/07	3362.64		48.16	48.84	0.68	No Sock	PSH .75 H2O 2.25	3314.38
	03/14/07	3362.64		50.50	50.54	0.04			3312.13
	03/21/07	3362.64		48.24	48.30	0.06	No Sock	PSH .50 H2O 1.5	3314.39
	03/21/07	3362.64		49.65	49.69	0.04			3312.98
	03/28/07	3362.64		48.06	49.14	1.08	No Sock	PSH 1.5 / H2O 1.5	3314.42
	03/28/07	3362.64		50.80	50.86	0.06			3311.83
	04/04/07	3362.64		48.32	49.08	0.76			3314.21
	04/10/07	3362.64		48.06	49.06	1.00	No Sock	PSH 1 / H2O 4	3314.43
	04/10/07	3362.64		50.72	50.76	0.04			3311.91
	04/18/07	3362.64		48.10	49.58	1.48	No Sock	PSH 1.75 / H2O 8	3314.32
	04/18/07	3362.64		50.68	50.76	0.08			3311.95
	04/24/07	3362.64		48.10	49.64	1.54	No Sock	PSH 1.75 / H2O 8	3314.31
	04/24/07	3362.64		50.60	50.68	0.08			3312.03
	05/03/07	3362.64		48.04	48.84	0.80	No Sock	PSH 1 / H2O 7	3314.48
	05/03/07	3362.64		53.03	53.05	0.02			3309.61
	05/11/07	3362.64		48.13	48.66	0.53	No Sock	PSH .50 / H2O 6	3314.43
	05/11/07	3362.64		53.08	53.10	0.02			3309.56
	05/16/07	3362.64		48.13	48.61	0.48	No Sock	PSH .50 / H2O 7	3314.44
	05/16/07	3362.64		53.02	53.02	0.00			3309.62
	05/23/07	3362.64		48.00	48.23	0.23	install sock	PSH .25 / H2O 7	3314.61
	05/23/07	3362.64		52.85	52.87	0.02			3309.79
	05/31/07	3362.64		48.15	48.28	0.13	new sock		3314.47
	06/06/07	3362.64	55.67	48.04	48.06	0.02			3314.60
	06/06/07	3362.64	55.67	52.81	52.81	0.00	sock	PSH Sheen / H2O 7.5	3309.83
	06/13/07	3362.64	55.67	48.30	48.32	0.02			3314.34
	06/13/07	3362.64	55.67	53.08	53.08	0.00	new sock	PSH Sheen / H2O 7.5	3309.56
	06/19/07	3362.64	55.67	48.31	48.31	0.00			3314.33
	06/19/07	3362.64	55.67	51.76	51.76	0.00	new sock	PSH Sheen / H2O 8	3310.88
	06/27/07	3362.64	55.67	48.37	48.39	0.02			3314.27
	06/19/07	3362.64	55.67	51.80	51.80	0.00	new sock	PSH Sheen / H2O 8	3310.84

Table 2
Groundwater Elevation Data
 Plains Marketing, L.P.
 SRS # 2003-00117
 Vacuum to Jal Mainline #3
 Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Depth of Well	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
MW-1	07/05/07	3362.64	55.65	48.45	48.81	0.36			3314.14
	07/05/07	3362.64	55.65	53.69	53.69	0.00	new sock	PSH .75 / H2O 6.5	3308.95
	07/11/07	3362.64	55.65	48.45	48.45	0.00			3314.19
	07/11/07	3362.64	55.65	51.84	51.84	0.00	new sock	PSH Sheen / H2O 7.5	3310.80
	07/19/07	3362.64	55.65	49.05	49.25	0.20			3313.56
	07/19/07	3362.64	55.65	52.56	52.56	0.00	new sock	PSH .50 / H2O 6.5	3310.08
	07/24/07	3362.64	55.65	49.07	49.07	0.00			3313.57
	07/19/07	3362.64	55.65	52.50	52.50	0.00	Remove Sock	PSH .50 / H2O 7.5	3310.14
	07/31/07	3362.64	55.68	49.12	49.12	0.00			3313.52
	07/31/07	3362.64	55.68	52.63	52.63	0.00	install sock	PSH Sheen / / H2O 7.5	3310.01
	08/09/07	3362.64	55.68	48.96	48.96	0.00			3313.68
	08/09/07	3362.64	55.68	52.61	52.61	0.00	new sock	PSH Sheen / / H2O 7.5	3310.03
	08/16/07	3362.64	55.68	48.94	48.94	0.00			3313.70
	08/16/07	3362.64	55.68	52.48	52.48	0.00	new sock	PSH Sheen / / H2O 7.5	3310.16
	08/22/07	3362.64	55.68	48.85	48.85	0.00			3313.79
	08/22/07	3362.64	55.68	52.38	52.38	0.00	new sock	PSH Sheen / / H2O 7.5	3310.26
	08/28/07	3362.64	55.68	49.08	49.12	0.04			3313.55
	08/28/07	3362.64	55.68	52.98	52.98	0.00	new sock	PSH Sheen / / H2O 7.5	3309.66
	09/07/07	3362.64	55.68	49.16	49.16	0.00			3313.48
	09/13/07	3362.64	55.68	48.80	49.14	0.34			3313.79
	09/13/07	3362.64	55.68	52.75	52.76	0.01	new sock	PSH .50 / / H2O 7.5	3309.89
	09/18/07	3362.64	55.68	48.76	48.80	0.04			3313.87
	09/18/07	3362.64	55.68	52.68	52.68	0.00	new sock	PSH .10 / / H2O 7.5	3309.96
	09/26/07	3362.64	55.68	48.90	48.90	0.00			3313.74
	09/26/07	3362.64	55.68	52.70	52.70	0.00	new sock	PSH Sheen/ / H2O 7.5	3309.94
	10/04/07	3362.64	55.68	48.95	48.95	0.00			3313.69
	10/04/07	3362.64	55.68	52.62	52.62	0.00	new sock	PSH Sheen/ / H2O 7.5	3310.02
	10/10/07	3362.64	55.69	49.00	49.03	0.03			3313.64
	10/10/07	3362.64	55.69	52.81	52.81	0.00	new sock	PSH Sheen/ / H2O 7.5	3309.83
	10/17/07	3362.64	55.69	49.04	49.04	0.00			3313.60
	10/17/07	3362.64	55.69	52.79	52.79	0.00	sock	PSH Sheen/ / H2O 7.5	3309.85
	10/24/07	3362.64	55.69	48.76	49.68	0.92			3313.74
	10/24/07	3362.64	55.69	DRY	DRY		new sock	PSH 1/ H2O 30	
	10/31/07	3362.64	55.69	48.65	48.90	0.25			3313.95
	10/31/07	3362.64	55.69	DRY	DRY		new sock	PSH 1/ H2O 30	
	11/07/07	3362.64	55.69	48.82	48.95	0.13			3313.80
	11/07/07	3362.64	55.69	DRY	DRY		sock	PSH 1/ H2O 30	
	11/20/07	3362.64	55.69	48.60	49.70	1.10	sock		3313.88
	11/27/07	3362.64	55.69	48.56	49.69	1.13		PSH 1/ H2O 8	3313.91
	11/27/07	3362.64	55.69	DRY	DRY		new sock		
	12/05/07	3362.64	55.69	48.61	49.66	1.05		PSH 1/ H2O 8	3313.87
	12/05/07	3362.64	55.69	DRY	DRY		Remove Sock		
	12/12/07	3362.64	55.69	48.72	49.60	0.88		PSH 1/ H2O 8	3313.79
	12/12/07	3362.64	55.69	DRY	DRY		No Sock		
	12/18/07	3362.64	55.69	48.20	48.97	0.77		PSH 1/ H2O 9	3314.32
	12/18/07	3362.64	55.69	DRY	DRY		No Sock		

Table 2
Groundwater Elevation Data
 Plains Marketing, L.P.
 SRS # 2003-00117
 Vacuum to Jal Mainline #3
 Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Depth of Well	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
MW-1	12/28/07	3362.64	55.69	48.00	48.55	0.55		PSH .75 / H2O 8	3314.56
	12/28/07	3362.64	55.69	DRY	DRY		No Sock		
MW-2	09/14/05	3367.00			43.42	0.00			3323.58
	09/20/05	3367.00	58.30		45.76	0.00			3321.24
	09/21/05	3367.00			45.74	0.00			3321.26
	10/05/05	3367.00			45.68	0.00			3321.32
	10/27/05	3367.00			45.74	0.00			3321.26
	11/10/05	3367.00			45.74	0.00			3321.26
	12/21/05	3367.00	56.25		45.64	0.00			3321.36
	12/29/05	3367.00			45.46	0.00			3321.54
	01/05/06	3367.00			45.76	0.00			3321.24
	02/09/06	3367.00			45.58	0.00			3321.42
	02/22/06	3367.00			45.48	0.00			3321.52
	03/28/06	3367.00	56.38		45.68	0.00			3321.32
	04/13/06	3367.00			45.77	0.00			3321.23
	04/25/06	3367.00			45.83	0.00			3321.17
	05/11/06	3367.00			45.83	0.00			3321.17
	05/24/06	3367.00			45.95	0.00			3321.05
	06/07/06	3367.00			46.04	0.00			3320.96
	06/15/06	3367.00			45.95	0.00			3321.05
	06/29/06	3367.00			46.23	0.00			3320.77
	07/11/06	3367.00			46.22	0.00			3320.78
	07/25/06	3367.00			46.32	0.00			3320.68
	08/09/06	3367.00	55.93		46.37	0.00			3320.63
	08/22/06	3367.00			46.48	0.00			3320.52
	09/12/06	3367.00	56.00		46.42	0.00			3320.58
	09/19/06	3367.00			46.35	0.00			3320.65
	10/03/06	3367.00			46.30	0.00			3320.70
	10/17/06	3367.00			46.25	0.00			3320.75
	11/15/06	3367.00			46.30	0.00			3320.70
	12/06/06	3367.00	55.82		46.15	0.00			3320.85
	12/13/06	3367.00			46.21	0.00			3320.79
	12/27/06	3367.00			46.44	0.00			3320.56
	01/03/07	3367.00			46.02	0.00			3320.98
	01/09/07	3367.00			46.17	0.00			3320.83
	01/18/07	3367.00			45.99	0.00			3321.01
	01/25/07	3367.00			45.92	0.00			3321.08
	01/31/07	3367.00			45.73	0.00			3321.27
	02/07/07	3367.00			45.89	0.00			3321.11
	02/14/07	3367.00			45.93	0.00			3321.07
	02/28/07	3367.00	55.70		45.68	0.00			3321.32

Table 2
Groundwater Elevation Data
 Plains Marketing, L.P.
 SRS # 2003-00117
 Vacuum to Jal Mainline #3
 Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Depth of Well	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
MW-2	03/07/07	3367.00			45.95	0.00			3321.05
	04/04/07	3367.00			46.02	0.00			3320.98
	05/03/07	3367.00			45.80	0.00			3321.20
	05/30/07	3367.00	55.67		45.73	0.00			3321.27
	06/06/07	3367.00	55.66		45.68	0.00			3321.32
	07/05/07	3367.00	55.63		45.32	0.00			3321.68
	07/31/07	3367.00	55.65		45.37	0.00			3321.63
	09/07/07	3367.00	55.65		46.07	0.00			3320.93
	10/10/07	3367.00	55.65		46.08	0.00			3320.92
	11/13/07	3367.00	55.73		46.01	0.00			3320.99
	12/05/07	3367.00	55.73		45.96	0.00			3321.04
	01/09/07	3367.00	55.83		45.89	0.00			3321.11
MW-3	09/14/05	3369.10			43.84	0.00			3325.26
	09/20/05	3369.1	58.42		47.58	0.00			3321.52
	09/21/05	3369.1			47.52	0.00			3321.58
	10/05/05	3369.1			47.50	0.00			3321.60
	10/27/05	3369.1			47.55	0.00			3321.55
	11/10/05	3369.1			47.55	0.00			3321.55
	12/21/05	3369.1	55.90		47.43	0.00			3321.67
	12/29/05	3369.1			47.23	0.00			3321.87
	01/05/06	3369.1			47.50	0.00			3321.60
	02/09/06	3369.1			47.33	0.00			3321.77
	02/22/06	3369.1			47.24	0.00			3321.86
	02/28/06	3369.1	55.95		47.41	0.00			3321.69
	04/13/06	3369.1			47.53	0.00			3321.57
	04/25/06	3369.1			47.64	0.00			3321.46
	05/11/06	3369.1			47.69	0.00			3321.41
	05/24/06	3369.1			47.72	0.00			3321.38
	06/07/06	3369.1			47.83	0.00			3321.27
	06/15/06	3369.1			47.76	0.00			3321.34
	06/29/06	3369.1			48.02	0.00			3321.08
	07/11/06	3369.1			48.02	0.00			3321.08
	07/25/06	3369.1			48.11	0.00			3320.99
	08/09/06	3369.1	55.67		48.17	0.00			3320.93
	08/22/06	3369.1			48.28	0.00			3320.82
	09/12/06	3369.1	55.58		48.46	0.00			3320.64
	09/19/06	3369.1			48.20	0.00			3320.90
	10/03/06	3369.1			48.16	0.00			3320.94
	10/17/06	3369.1			48.07	0.00			3321.03
	10/31/06	3369.1			48.11	0.00			3320.99
	11/15/06	3369.1			48.09	0.00			3321.01
	12/06/06	3369.1	55.52		47.94	0.00			3321.16
	12/13/06	3369.1			47.98	0.00			3321.12
	12/27/06	3369.1			47.75	0.00			3321.35
	01/03/07	3369.1			47.83	0.00			3321.27

Table 2
Groundwater Elevation Data
 Plains Marketing, L.P.
 SRS # 2003-00117
 Vacuum to Jal Mainline #3
 Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Depth of Well	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
MW-3	01/09/07	3369.1			47.96	0.00			3321.14
	01/18/07	3369.1			47.78	0.00			3321.32
	01/25/07	3369.1			47.71	0.00			3321.39
	01/31/07	3369.1			47.52	0.00			3321.58
	02/07/07	3369.1			47.66	0.00			3321.44
	02/14/07	3369.1			47.70	0.00			3321.40
	02/28/07	3369.1	55.48		47.49	0.00			3321.61
	03/07/07	3369.1			47.74	0.00			3321.36
	04/04/07	3369.1			47.82	0.00			3321.28
	05/03/07	3369.1			47.56	0.00			3321.54
	05/30/07	3369.1	55.22		47.49	0.00			3321.61
	06/06/07	3369.1	55.22		47.56	0.00			3321.54
	07/05/07	3369.1	55.32		47.63	0.00			3321.47
	07/31/07	3369.1	55.34		47.68	0.00			3321.42
	09/07/07	3369.1	55.34		47.92	0.00			3321.18
	10/10/07	3369.1	55.32		47.83	0.00			3321.27
	11/13/07	3369.1	55.32		47.78	0.00			3321.32
	12/05/07	3369.1	55.32		47.74	0.00			3321.36
MW-4	12/21/05	3365.12	59.50		43.93	0.00			3321.19
	12/29/05	3365.12			43.76	0.00			3321.36
	01/05/06	3365.12			44.02	0.00			3321.10
	02/09/06	3365.12			43.82	0.00			3321.30
	02/22/06	3365.12			43.80	0.00			3321.32
	03/28/06	3365.12	59.43		43.91	0.00			3321.21
	04/13/06	3365.12			44.02	0.00			3321.10
	04/25/06	3365.12			44.13	0.00			3320.99
	05/11/06	3365.12			44.20	0.00			3320.92
	05/24/06	3365.12			44.21	0.00			3320.91
	06/07/06	3365.12			44.35	0.00			3320.77
	06/15/06	3365.12			44.23	0.00			3320.89
	06/29/06	3365.12			44.48	0.00			3320.64
	07/11/06	3365.12			44.49	0.00			3320.63
	07/25/06	3365.12			44.53	0.00			3320.59
	08/09/06	3365.12	59.50		44.66	0.00			3320.46
	08/22/06	3365.12			44.75	0.00			3320.37
	09/12/06	3365.12	59.46		44.66	0.00			3320.46
	09/19/06	3365.12			44.60	0.00			3320.52
	10/03/06	3365.12			44.55	0.00			3320.57
	10/17/06	3365.12			44.48	0.00			3320.64
	10/31/06	3365.12			44.53	0.00			3320.59
	11/15/06	3365.12			44.53	0.00			3320.59
	12/06/06	3365.12	59.42		44.32	0.00			3320.80
	12/13/06	3365.12			44.37	0.00			3320.75
	12/27/06	3365.12			44.18	0.00			3320.94

Table 2
Groundwater Elevation Data
 Plains Marketing, L.P.
 SRS # 2003-00117
 Vacuum to Jal Mainline #3
 Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Depth of Well	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
MW-4	01/03/07	3365.12			44.27	0.00			3320.85
	01/09/07	3365.12			44.43	0.00			3320.69
	01/18/07	3365.12			44.23	0.00			3320.89
	01/25/07	3365.12			44.18	0.00			3320.94
	01/31/07	3365.12			44.00	0.00			3321.12
	2/7/07	3365.12			44.14	0.00			3320.98
	02/14/07	3365.12			44.19	0.00			3320.93
	02/28/07	3365.12	59.40		43.92	0.00			3321.20
	03/07/07	3365.12			43.64	0.00			3321.48
	04/04/07	3365.12			44.23	0.00			3320.89
	05/03/07	3365.12			44.06	0.00			3321.06
	05/30/07	3365.12	59.50		44.00	0.00			3321.12
	06/06/07	3365.12	59.50		43.85	0.00			3321.27
	07/05/07	3365.12	59.47		44.06	0.00			3321.06
	07/31/07	3365.12	59.47		44.10	0.00			3321.02
	09/07/07	3365.12	59.47		44.35	0.00			3320.77
	10/10/07	3365.12	59.47		44.83	0.00			3320.29
	11/13/07	3365.12	59.36		44.29	0.00			3320.83
	12/05/07	3365.12	59.36		44.24	0.00			3320.88
MW-5	12/21/05	3364.74	53.88		43.25	0.00			3321.49
	12/29/05	3364.74			43.05	0.00			3321.69
	01/05/06	3364.74			43.36	0.00			3321.38
	02/08/06	3364.74			43.13	0.00			3321.61
	02/22/06	3364.74			43.12	0.00			3321.62
	03/28/06	3364.74	53.60		43.25	0.00			3321.49
	04/13/06	3364.74			43.40	0.00			3321.34
	04/25/06	3364.74			43.50	0.00			3321.24
	05/11/06	3364.74			43.58	0.00			3321.16
	05/24/06	3364.74			43.87	0.00			3320.87
	06/07/06	3364.74			43.68	0.00			3321.06
	06/15/06	3364.74			43.61	0.00			3321.13
	06/29/06	3364.74			43.86	0.00			3320.88
	07/11/06	3364.74			43.87	0.00			3320.87
	07/25/06	3364.74			43.95	0.00			3320.79
	08/09/06	3364.74	53.44		44.04	0.00			3320.70
	08/22/06	3364.74			44.13	0.00			3320.61
	09/12/06	3364.74	53.37		44.10	0.00			3320.64
	09/19/06	3364.74			44.00	0.00			3320.74
	10/03/06	3364.74			43.98	0.00			3320.76
	10/17/06	3364.74			43.93	0.00			3320.81
	10/31/06	3364.74			43.95	0.00			3320.79
	11/15/06	3364.74			43.99	0.00			3320.75
	12/06/06	3364.74	53.35		43.85	0.00			3320.89
	12/13/06	3364.74			43.88	0.00			3320.86

Table 2
Groundwater Elevation Data
 Plains Marketing, L.P.
 SRS # 2003-00117
 Vacuum to Jal Mainline #3
 Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Depth of Well	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
MW-5	12/27/06	3364.74			43.65	0.00			3321.09
	01/03/07	3364.74			43.73	0.00			3321.01
	01/09/07	3364.74			43.88	0.00			3320.86
	01/18/07	3364.74			43.71	0.00			3321.03
	01/25/07	3364.74			43.66	0.00			3321.08
	01/31/07	3364.74			43.45	0.00			3321.29
	02/07/07	3364.74			43.58	0.00			3321.16
	02/14/07	3364.74			43.61	0.00			3321.13
	02/28/07	3364.74	53.25		43.41	0.00			3321.33
	03/07/07	3364.74			43.64	0.00			3321.10
	04/04/07	3364.74			43.75	0.00			3320.99
	05/03/07	3364.74			43.55	0.00			3321.19
	05/30/07	3364.74	53.23		43.45	0.00			3321.29
	06/06/07	3364.74	53.23		43.30	0.00			3321.44
	07/05/07	3364.74	53.13		43.52	0.00			3321.22
	07/31/07	3364.74	53.13		43.56	0.00			3321.18
	09/07/07	3364.74	53.13		43.91	0.00			3320.83
	10/10/07	3364.74	53.13		43.81	0.00			3320.93
	11/13/07	3364.74	53.19		43.78	0.00			3320.96
	12/05/07	3364.74	53.19		43.72	0.00			3321.02
MW-6	12/21/05	3368.96	59.44		47.31	0.00			3321.65
	12/29/05	3368.96			47.16	0.00			3321.80
	01/05/06	3368.96			47.40	0.00			3321.56
	02/09/06	3368.96			47.15	0.00			3321.81
	02/22/06	3368.96			47.12	0.00			3321.84
	03/28/06	3368.96	59.45		47.35	0.00			3321.61
	04/13/06	3368.96			47.42	0.00			3321.54
	04/25/06	3368.96			47.50	0.00			3321.46
	05/11/06	3368.96			47.57	0.00			3321.39
	05/24/06	3368.96			47.57	0.00			3321.39
	06/07/06	3368.96			47.72	0.00			3321.24
	06/15/06	3368.96			47.63	0.00			3321.33
	06/29/06	3368.96			47.89	0.00			3321.07
	07/11/06	3368.96			47.90	0.00			3321.06
	07/25/06	3368.96			47.97	0.00			3320.99
	08/09/06	3368.96	59.49		48.02	0.00			3320.94
	08/22/06	3368.96			48.15	0.00			3320.81
	09/12/06	3368.96	59.43		48.07	0.00			3320.89
	09/19/06	3368.96			48.07	0.00			3320.89
	10/03/06	3368.96			48.03	0.00			3320.93
	10/17/06	3368.96			47.90	0.00			3321.06
	10/30/06	3368.96			47.95	0.00			3321.01
	11/15/06	3368.96			47.96	0.00			3321.00
	12/06/06	3368.96	59.39		47.81	0.00			3321.15

Table 2
Groundwater Elevation Data
 Plains Marketing, L.P.
 SRS # 2003-00117
 Vacuum to Jal Mainline #3
 Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Depth of Well	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
MW-6	12/13/06	3368.96			47.88	0.00			3321.08
	12/27/06	3368.96			47.63	0.00			3321.33
	01/03/07	3368.96			47.68	0.00			3321.28
	01/09/07	3368.96			47.80	0.00			3321.16
	01/18/07	3368.96			47.65	0.00			3321.31
	01/25/07	3368.96			47.67	0.00			3321.29
	01/31/07	3368.96			47.40	0.00			3321.56
	02/07/07	3368.96			47.51	0.00			3321.45
	02/14/07	3368.96			47.54	0.00			3321.42
	02/28/07	3368.96	59.50		47.31	0.00			3321.65
	03/07/07	3368.96			47.56	0.00			3321.40
	04/04/07	3368.96			47.65	0.00			3321.31
	05/03/07	3368.96			47.44	0.00			3321.52
	05/30/07	3368.96	59.47		47.35	0.00			3321.61
	06/06/07	3368.96	59.47		47.22	0.00			3321.74
	07/05/07	3368.96	59.46		47.55	0.00			3321.41
	07/31/07	3368.96	59.47		47.58	0.00			3321.38
	09/07/07	3368.96	59.47		47.70	0.00			3321.26
	10/10/07	3368.96	59.48		47.67	0.00			3321.29
	11/13/07	3368.96	59.41		47.65	0.00			3321.31
	12/05/07	3368.96	59.41		47.60	0.00			3321.36
MW-7	12/21/05	3370.25	59.35		48.26	0.00			3321.99
	12/29/05	3370.25			48.05	0.00			3322.20
	01/05/06	3370.25			48.31	0.00			3321.94
	02/09/06	3370.25			48.09	0.00			3322.16
	02/22/06	3370.25			48.06	0.00			3322.19
	03/28/06	3370.25	58.77		48.25	0.00			3322.00
	04/13/06	3370.25			48.38	0.00			3321.87
	04/25/06	3370.25			48.48	0.00			3321.77
	05/11/06	3370.25			48.53	0.00			3321.72
	05/24/06	3370.25			48.55	0.00			3321.70
	06/07/06	3370.25			48.68	0.00			3321.57
	06/15/06	3370.25			48.60	0.00			3321.65
	06/29/06	3370.25			48.86	0.00			3321.39
	07/11/06	3370.25			48.86	0.00			3321.39
	07/25/06	3370.25			48.97	0.00			3321.28
	8-90-6	3370.25	58.78		49.04	0.00			3321.21
	08/22/06	3370.25			49.13	0.00			3321.12
	09/12/06	3370.25	58.73		49.14	0.00			3321.11
	09/19/06	3370.25			49.05	0.00			3321.20
	10/03/06	3370.25			49.03	0.00			3321.22
	10/17/06	3370.25			48.92	0.00			3321.33
	10/31/06	3370.25			48.95	0.00			3321.30
	11/15/06	3370.25			48.96	0.00			3321.29

Table 2
Groundwater Elevation Data
 Plains Marketing, L.P.
 SRS # 2003-00117
 Vacuum to Jal Mainline #3
 Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Depth of Well	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
MW-7	12/06/06	3370.25	58.72		48.80	0.00			3321.45
	12/13/06	3370.25			48.85	0.00			3321.40
	12/27/06	3370.25			48.60	0.00			3321.65
	01/03/07	3370.25			48.66	0.00			3321.59
	01/09/07	3370.25			48.80	0.00			3321.45
	01/18/07	3370.25			48.63	0.00			3321.62
	01/25/07	3370.25			48.55	0.00			3321.70
	01/31/07	3370.25			48.34	0.00			3321.91
	02/07/07	3370.25			48.50	0.00			3321.75
	02/14/07	3370.25			48.52	0.00			3321.73
	02/28/07	3370.25	58.80		48.30	0.00			3321.95
	03/07/07	3370.25			48.57	0.00			3321.68
	04/04/07	3370.25			48.65	0.00			3321.60
	05/03/07	3370.25			48.38	0.00			3321.87
	05/30/07	3370.25	58.71		48.41	0.00			3321.84
	06/06/07	3370.25	58.71		48.21	0.00			3322.04
	07/05/07	3370.25	58.73		48.48	0.00			3321.77
	07/31/07	3370.25	58.73		48.51	0.00			3321.74
	09/07/07	3370.25	58.73		48.91	0.00			3321.34
	10/10/07	3370.25	58.73		48.69	0.00			3321.56
	11/13/07	3370.25	58.88		48.64	0.00			3321.61
	12/05/07	3370.25	58.88		48.59	0.00			3321.66
RW-1	12/21/05	3368.12	60.50	46.52	46.52	0.00	install sock		3321.60
	12/29/05	3368.12		46.28	46.28	0.00	sock		3321.84
	01/05/06	3368.12		46.60	46.60	0.00	sock		3321.52
	02/09/06	3368.12		46.35	46.35	0.00	sock		3321.77
	02/22/06	3368.12		46.30	46.30	0.00	sock		3321.82
	03/28/06	3368.12	Lt Sheen	46.42	46.42	0.00	sock		3321.70
	04/13/06	3368.12	Sheen	46.60	46.60	0.00	sock		3321.52
	04/25/06	3368.12	Sheen	46.78	46.78	0.00	sock		3321.34
	05/11/06	3368.12	Sheen	46.82	46.82	0.00	sock		3321.30
	05/24/06	3368.12	Sheen	46.80	46.80	0.00	sock		3321.32
	06/07/06	3368.12	Sheen	46.91	46.91	0.00	sock	0	3321.21
	06/07/06	3368.12	Sheen	47.10	47.10	0.00	sock		3321.02
	06/15/06	3368.12	Sheen	46.96	46.96	0.00	sock		3321.16
	06/29/06	3368.12	Light	47.26	47.26	0.00	sock		3320.86
	07/11/06	3368.12	Light	47.17	47.22	0.05	sock		3320.94
	07/25/06	3368.12	Light	47.43	47.60	0.17	sock		3320.66
	08/09/06	3368.12	58.48	47.02	48.96	1.94	flip sock	Bail 10 Gal	3320.81
	08/09/06	3368.12		48.33	48.43	0.10			3319.78
	08/09/06	3368.12		47.20	47.60	0.40	2 hours later		3320.86
	08/22/06	3368.12		47.30	48.77	1.47	new sock	PSH 2.5 / H2O 7.5	3320.60
	08/22/06	3368.12		48.20	48.25	0.05			3319.91
	09/12/06	3368.12	58.52	47.10	48.82	1.72	Remove Sock		3320.76

Table 2
Groundwater Elevation Data
 Plains Marketing, L.P.
 SRS # 2003-00117
 Vacuum to Jal Mainline #3
 Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Depth of Well	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
RW-1	09/19/06	3368.12		46.86	49.54	2.68		PSH 5 / H2O 5	3320.86
	09/19/06	3368.12		48.53	48.60	0.07			3319.58
	10/03/06	3368.12		46.80	49.42	2.62	No Sock	PSH 4.5 / H2O 5.5	3320.93
	10/03/06	3368.12		47.70	47.74	0.04			3320.41
	10/17/06	3368.12		46.70	49.45	2.75	No Sock	PSH 3.5 / H2O 1.5	3321.01
	10/17/06	3368.12		47.52	47.58	0.06			3320.59
	10/31/06	3368.12		46.75	49.63	2.88	No Sock	PSH 3.5 / H2O 1.5	3320.94
	10/31/06	3368.12		47.88	47.99	0.11			3320.22
	11/15/06	3368.12		47.88	47.99	0.11	No Sock	PSH 3 H2o 7	3320.22
	11/15/06	3368.12		48.33	48.51	0.18			3319.76
	12/06/06	3368.12		46.64	49.41	2.77			3321.06
	12/13/06	3368.12		46.59	49.50	2.91	No Sock	PSH 3.5 / H2O 1.5	3321.09
	12/13/06	3368.12		47.10	47.12	0.02			3321.02
	12/20/06	3368.12		46.41	49.05	2.64	No Sock	PSH 2.5 / H2O 7.5	3321.31
	12/20/06	3368.12		47.51	47.70	0.19			3320.58
	12/27/06	3368.12		46.21	48.33	2.12	No Sock	PSH 3.5 / H2O 1.5	3321.59
	12/27/06	3368.12		52.28	52.31	0.03			3315.84
	01/03/07	3368.12		46.60	48.88	2.28	No Sock	PSH 3.5 H2O 6.5	3321.18
	01/03/07	3368.12		48.00	48.06	0.06			3320.11
	01/09/07	3368.12		46.92	47.24	0.32	No Sock	PSH 3 H2o 6	3321.15
	01/09/07	3368.12		47.05	47.11	0.06			3321.06
	01/18/07	3368.12		46.73	48.35	1.62	No Sock	PSH 2 H2O 8	3321.15
	01/18/07	3368.12		49.10	49.15	0.05			3319.01
	01/25/07	3368.12		46.70	47.55	0.85	No Sock	PSH 2.5 H2O 7.5	3321.29
	01/25/07	3368.12		48.55	48.82	0.27			3319.53
	01/31/07	3368.12		46.60	47.05	0.45	No Sock	PSH .5 H2O 9.5	3321.45
	01/31/07	3368.12		48.15	48.20	0.05			3319.96
	02/07/07	3368.12		46.52	47.19	0.67	No Sock	PSH .75 H2O 9	3321.50
	02/07/07	3368.12		48.36	48.42	0.06			3319.75
	02/14/07	3368.12		46.51	47.23	0.72	No Sock	PSH .75 H2O 9	3321.50
	02/14/07	3368.12		48.42	48.46	0.04			3319.69
	02/21/07	3368.12		46.77	47.40	0.63	No Sock	PSH .75 H2O 9	3321.26
	02/21/07	3368.12		48.94	48.94	0.00			3319.18
	03/07/07	3368.12		46.78	47.33	0.55	No Sock	PSH 1 H2O 9	3321.26
	03/07/07	3368.12		48.55	48.55	0.00			3319.57
	03/14/07	3368.12		46.75	47.12	0.37	install sock	PSH .50 H2O 1.25	3321.31
	03/14/07	3368.12		47.20	47.24	0.04	sock		3320.91
	03/21/07	3368.12		47.02	47.18	0.16	sock	PSH .25 H2O 1.25	3321.08
	03/21/07	3368.12		47.10	47.12	0.02	sock		3321.02
	03/28/07	3368.12		47.01	47.21	0.20	sock		3321.08
	04/04/07	3368.12		47.20	47.40	0.20	new sock		3320.89
	04/10/07	3368.12		46.80	46.83	0.03	new sock	PSH Sheen H2O 5	3321.32
	04/10/07	3368.12		46.96	46.96	0.00			3321.16
	04/18/07	3368.12		46.92	46.92	0.00	New Sock	PSH Sheen / H2O 10	3321.20
	04/18/07	3368.12		47.00	47.00	0.00			3321.12
	04/24/07	3368.12		46.87	46.88	0.01	New Sock	PSH Sheen / H2O 10	3321.25

Table 2
Groundwater Elevation Data
 Plains Marketing, L.P.
 SRS # 2003-00117
 Vacuum to Jal Mainline #3
 Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Depth of Well	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
RW-1	04/24/07	3368.12		46.93	46.93	0.00			3321.19
	05/03/07	3368.12		46.96	46.98	0.02	new sock	PSH Sheen / H2O 10	3321.16
	05/03/07	3368.12		48.00	48.00	0.00			3320.12
	05/11/07	3368.12		47.00	47.00	0.00	new sock		3321.12
	05/16/07	3368.12		46.86	46.86	0.00			3321.26
	05/16/07	3368.12		48.81	48.81	0.00	new sock	PSH Sheen / H2O 10	3319.31
	05/23/07	3368.12		46.62	46.62	0.00			3321.50
	05/23/07	3368.12		48.05	48.05	0.00	new sock	PSH Sheen / H2O 10	3320.07
	05/31/07	3368.12		46.56	46.56	0.00	flip sock		3321.56
	06/06/07	3368.12	58.41	46.55	46.55	0.00			3321.57
	06/06/07	3368.12	58.41	48.30	48.30	0.00	sock	PSH Sheen / H2O 10	3319.82
	06/13/07	3368.12	58.41	46.67	46.67	0.00			3321.45
	06/13/07	3368.12	58.41	48.10	48.10	0.00	new sock	PSH Sheen / H2O 10	3320.02
	06/19/07	3368.12	58.41	46.68	46.68	0.00			3321.44
	06/19/07	3368.12	58.41	47.71	47.71	0.00	flip sock	PSH Sheen / H2O 10	3320.41
	06/27/07	3368.12	58.41	46.70	46.70	0.00			3321.42
	06/27/07	3368.12	58.41	47.93	47.93	0.00	sock	PSH Sheen / H2O 10	3320.19
	07/05/07	3368.12	58.55	46.78	46.78	0.00			3321.34
	07/05/07	3368.12	58.55	48.72	48.72	0.00	new sock	PSH Sheen / H2O 10	3319.40
	07/11/07	3368.12	58.55	46.75	46.75	0.00			3321.37
	07/11/07	3368.12	58.55	47.86	47.86	0.00	sock	PSH Sheen / H2O 10	3320.26
	07/19/07	3368.12	58.55	47.10	47.10	0.00			3321.02
	07/19/07	3368.12	58.55	49.06	49.06	0.00	flip sock	PSH Sheen / H2O 10	3319.06
	07/24/07	3368.12	58.55	47.21	47.21	0.00			3320.91
	07/24/07	3368.12	58.55	48.92	48.92	0.00	sock	PSH Sheen / H2O 10	3319.20
	07/31/07	3368.12	58.53	47.24	47.24	0.00			3320.88
	07/31/07	3368.12	58.53	48.86	48.86	0.00	new sock	PSH Sheen / H2O 10	3319.26
	08/09/07	3368.12	58.53	47.14	47.14	0.00			3320.98
	08/09/07	3368.12	58.53	48.82	48.82	0.00	new sock	PSH Sheen / H2O 10	3319.30
	08/16/07	3368.12	58.53	47.15	47.15	0.00			3320.97
	08/16/07	3368.12	58.53	48.71	48.82	0.11	sock	PSH Sheen / H2O 10	3319.39
	08/22/07	3368.12	58.53	46.99	46.99	0.00			3321.13
	08/22/07	3368.12	58.53	48.61	48.61	0.00	new sock	PSH Sheen / H2O 10	3319.51
	08/28/07	3368.12	58.53	47.08	47.08	0.00			3321.04
	08/28/07	3368.12	58.53	48.92	48.92	0.00	new sock	PSH Sheen / H2O 10	3319.20
	09/07/07	3368.12	58.53	47.10	47.10	0.00	new sock		3321.02
	09/13/07	3368.12	58.53	47.21	47.21	0.00	new sock	PSH Sheen / H2O 10	3320.91
	09/13/07	3368.12	58.53	48.77	48.77	0.00			3319.35
	09/18/07	3368.12	58.53	47.18	47.18	0.00	new sock	PSH Sheen / H2O 10	3320.94
	09/18/07	3368.12	58.53	48.70	48.70	0.00			3319.42
	09/26/07	3368.12	58.53	47.23	47.23	0.00	new sock	PSH Sheen / H2O 10	3320.89
	09/26/07	3368.12	58.53	48.60	48.60	0.00			3319.52
	10/04/07	3368.12	58.53	47.30	47.30	0.00	new sock	PSH Sheen / H2O 9	3320.82
	10/04/07	3368.12	58.53	48.58	48.58	0.00			3319.54
	10/10/07	3368.12	58.55	47.37	47.37	0.00	new sock	PSH Sheen / H2O 9	3320.75
	10/10/07	3368.12	58.55	52.81	52.81	0.00			3315.31

Table 2
Groundwater Elevation Data
 Plains Marketing, L.P.
 SRS # 2003-00117
 Vacuum to Jal Mainline #3
 Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Depth of Well	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
RW-1	10/17/07	3368.12	58.55	47.39	47.39	0.00	sock	PSH Sheen / H2O 9	3320.73
	10/17/07	3368.12	58.55	52.79	52.79	0.00			3315.33
	10/24/07	3368.12	58.55	47.25	47.32	0.07	flip sock	PSH 1 / H2O 90	3320.86
	10/24/07	3368.12	58.55	48.20	48.20	0.00			3319.92
	10/31/07	3368.12	58.55	47.14	47.20	0.06	new sock	PSH 1 / H2O 10	3320.97
	10/31/07	3368.12	58.55	47.30	47.30	0.00			3320.82
	11/07/07	3368.12	58.55	47.16	47.28	0.12	sock	PSH .25 / H2O 9	3320.94
	11/07/07	3368.12	58.55	47.24	47.28	0.04			3320.87
	11/13/07	3368.12	58.55	47.02	47.11	0.09	new sock		3321.09
	11/20/07	3368.12	58.55	47.14	47.15	0.01	flip sock		3320.98
	11/27/07	3368.12	58.55	47.13	47.13	0.00	new sock	PSH 1 / H2O 8	3320.99
	11/27/07	3368.12	58.55	47.20	47.20	0.00			3320.92
	12/05/07	3368.12	58.55	47.10	47.18	0.08	new sock	PSH .10 / H2O 8	3321.01
	12/05/07	3368.12	58.55	47.11	47.11	0.00			3321.01
	12/12/07	3368.12	58.55	47.08	47.12	0.04	new sock	PSH .10 / H2O 8	3321.03
	12/12/07	3368.12	58.55	47.10	47.10	0.00			3321.02
	12/18/07	3368.12	58.55	46.98	46.98	0.00	new sock	PSH 0 / H2O 10	3321.14
	12/18/07	3368.12	58.55	47.39	47.39	0.00			3320.73
	12/28/07	3368.12	58.55	46.96	46.96	0.00	new sock	PSH 0 / H2O 9	3321.16
	12/28/07	3368.12	58.55	47.02	47.02	0.00			3321.10
RW-2	12/21/05	3368.32	60.02	46.85	46.85	0.00	install sock		3321.47
	12/29/05	3368.32		46.63	46.63	0.00	sock		3321.69
	01/05/06	3368.32		46.94	46.94	0.00	sock		3321.38
	02/09/06	3368.32		46.71	46.71	0.00	sock		3321.61
	02/22/06	3368.32		46.68	46.68	0.00	sock		3321.64
	03/28/06	3368.32	Sheen	46.45	46.45	0.00	sock		3321.87
	04/13/06	3368.32	Sheen	46.93	46.93	0.00	sock		3321.39
	04/25/06	3398.32	Sheen	47.12	47.12	0.00	sock		3351.20
	05/11/06	3398.32	Sheen	47.13	47.13	0.00	sock		3351.19
	05/24/06	3398.32	Sheen	47.12	47.12	0.00	sock		3351.20
	06/07/06	3398.32	Sheen	47.00	47.00	0.00	sock	0	3351.32
	06/07/06	3398.32	Sheen	47.38	47.38	0.00	sock		3350.94
	06/15/06	3398.32	Sheen	47.23	47.23	0.00	sock		3351.09
	06/29/06	3398.32	Light	47.55	47.55	0.00	sock		3350.77
	07/11/06	3398.32	Light	47.56	47.56	0.00	sock		3350.76
	07/25/06	3398.32	Light	47.55	47.55	0.00	sock		3350.77
	08/09/06	3398.32	59.00	47.78	47.78	0.00	sock		3350.54
	08/22/06	3398.32		47.81	47.81	0.00	new sock	PSH 0 / H2O 10	3350.51
	08/22/06	3398.32		47.90	47.90	0.00			3350.42
	09/12/06	3398.32	58.80	47.79	47.79	0.00	new sock		3350.53
	09/19/06	3398.32		47.62	47.62	0.00		Light Sheen	3350.70

Table 2
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 Plains Marketing, L.P.
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Well No.	Date Measured	TOC Elevation	Depth of Well	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
RW-2	10/03/06	3398.32		47.56	47.56	0.00	sock	PSH Sheen / H2O 10	3350.76
	10/03/06	3398.32		48.60	48.60	0.00			3349.72
	10/17/06	3398.32		47.45	47.45	0.00	sock	PSH Sheen / H2O 5	3350.87
	10/17/06	3398.32		48.18	48.18	0.00			3350.14
	10/31/06	3398.32		47.53	47.53	0.00	sock	PSH Sheen / H2O 5	3350.79
	10/31/06	3398.32		48.40	48.40	0.00			3349.92
	11/15/06	3398.32		47.55	47.55	0.00			3350.77
	12/06/06	3398.32		47.40	47.40	0.00	sock		3350.92
	12/13/06	3398.32		47.44	47.44	0.00	sock	PSH Sheen / H2O 5	3350.88
	12/13/06	3398.32		48.52	48.52	0.00			3349.80
	12/27/06	3398.32		47.20	47.20	0.00	sock		3351.12
	01/03/07	3398.32		47.28	47.28	0.00	sock		3351.04
	01/09/07	3398.32		47.43	47.43	0.00	sock		3350.89
	01/18/07	3398.32		47.26	47.26	0.00	sock	PSH Sheen / H2O 10	3351.06
	01/18/07	3398.32		48.25	48.25	0.00	sock		3350.07
	01/25/07	3398.32		47.17	47.17	0.00	sock		3351.15
	01/31/07	3398.32		46.98	46.98	0.00	sock		3351.34
	02/07/07	3398.32		47.05	47.05	0.00	sock		3351.27
	02/14/07	3398.32		47.08	47.08	0.00	sock		3351.24
	02/21/07	3398.32		47.40	47.40	0.00	sock		3350.92
	03/07/07	3398.32		47.15	47.15	0.00	sock		3351.17
	03/14/07	3398.32		47.21	47.21	0.00	sock		3351.11
	03/21/07	3398.32		47.18	47.18	0.00	sock		3351.14
	03/28/07	3398.32		47.13	47.13	0.00	sock		3351.19
	04/04/07	3398.32		47.35	47.35	0.00	sock		3350.97
	04/10/07	3398.32		47.32	47.32	0.00	sock		3351.00
	04/18/07	3398.32		47.20	47.20	0.00	sock		3351.12
	04/24/07	3398.32		47.12	47.12	0.00	sock		3351.20
	05/03/07	3398.32		47.14	47.14	0.00	sock		3351.18
	05/03/07	3398.32		48.25	48.25	0.00	sock		3350.07
	05/11/07	3398.32		47.18	47.18	0.00	sock		3351.14
	05/16/07	3398.32		47.18	47.18	0.00	sock		3351.14
	05/23/07	3398.32		46.94	46.94	0.00	flip sock		3351.38
	06/06/07	3398.32	58.95	46.87	46.87	0.00	sock		3351.45
	06/13/07	3398.32	58.95	46.97	46.97	0.00	sock		3351.35
	06/19/07	3398.32	58.95	46.98	46.98	0.00	new sock		3351.34
	06/27/07	3398.32	58.95	47.01	47.01	0.00	sock		3351.31
	07/05/07	3398.32	59.00	47.04	47.04	0.00	sock		3351.28
	07/11/07	3398.32	59.00	47.03	47.03	0.00	sock		3351.29
	07/19/07	3398.32	59.00	47.13	47.13	0.00	Remove sock		3351.19
	07/24/07	3398.32	59.00	47.19	47.19	0.00	No Sock		3351.13
	07/31/07	3398.32	59.01	47.21	47.21	0.00	install sock		3351.11
	08/09/07	3398.32	59.01	47.30	47.30	0.00	sock		3351.02
	08/16/07	3398.32	59.01	47.29	47.29	0.00	sock		3351.03
	08/22/07	3398.32	59.01	47.18	47.18	0.00	sock		3351.14

Table 2
Groundwater Elevation Data
 Plains Marketing, L.P.
 SRS # 2003-00117
 Vacuum to Jal Mainline #3
 Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Depth of Well	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
RW-2	08/28/07	3398.32	59.01	47.30	47.30	0.00	sock		3351.02
	09/07/07	3398.32	59.01	47.33	47.33	0.00	sock		3350.99
	09/13/07	3398.32	59.01	47.30	47.30	0.00	sock		3351.02
	09/18/07	3398.32	59.01	47.28	47.28	0.00	sock		3351.04
	09/26/07	3398.32	59.01	47.33	47.33	0.00	sock		3350.99
	10/04/07	3398.32	59.01	47.39	47.39	0.00	sock		3350.93
	10/10/07	3398.32	59.01	47.33	47.33	0.00	sock		3350.99
	10/17/07	3398.32	59.01	47.32	47.32	0.00	sock		3351.00
	10/24/07	3398.32	59.01	47.42	47.42	0.00	sock		3350.90
	10/31/07	3398.32	59.01	47.30	47.30	0.00	sock		3351.02
	11/07/07	3398.32	59.01	47.33	47.33	0.00	sock		3350.99
	11/13/07	3398.32	59.01	47.30	47.30	0.00	sock		3351.02
	11/20/07	3398.32	59.01	47.35	47.35	0.00	sock		3350.97
	11/27/07	3398.32	59.01	47.33	47.33	0.00	sock		3350.99
	12/05/07	3398.32	59.01	47.26	47.26	0.00	sock		3351.06
	12/12/07	3398.32	59.01	47.21	47.21	0.00	sock		3351.11
	12/18/07	3398.32	59.01	47.24	47.24	0.00	sock		3351.08
	12/28/07	3398.32	59.01	47.21	47.21	0.00	sock		3351.11
RW-3	12/21/05	3369.05	60.30	47.38	47.38	0.00	install sock		3321.67
	12/29/05	3369.05		47.16	47.16	0.00	sock		3321.89
	01/05/06	3369.05		47.43	47.43	0.00	sock		3321.62
	02/09/06	3369.05		47.16	47.16	0.00	sock		3321.89
	02/22/06	3369.05		47.15	47.15	0.00	sock		3321.90
	03/28/06	3369.05	Hvy Sheen	47.41	47.41	0.00	sock		3321.64
	04/13/06	3369.05	Sheen	47.44	47.44	0.00	sock		3321.61
	04/25/06	3369.05	Sheen	47.62	47.62	0.00	sock		3321.43
	5/11/06	3369.05	Sheen	47.61	47.61	0.00	sock		3321.44
	05/24/06	3369.05	Sheen	47.64	47.64	0.00	sock		3321.41
	06/07/06	3369.05	Sheen	47.75	47.75	0.00	sock	0	3321.30
	06/07/06	3369.05	Sheen	47.90	47.90	0.00	sock		3321.15
	06/15/06	3369.05	Sheen	47.69	47.69	0.00	sock		3321.36
	06/29/06	3369.05	Light	47.97	47.97	0.00	sock		3321.08
	07/11/06	3369.05	Light	47.98	47.98	0.00	sock		3321.07
	07/25/06	3369.05	Light	48.04	48.04	0.00	sock		3321.01
	08/09/06	3369.05	59.63	48.21	48.21	0.00	sock		3320.84
	08/22/06	3369.05	Light	48.30	48.30	0.00	new sock	PSH 0 / H2O 10	3320.75
	08/22/06	3369.05		48.27	48.27	0.00			3320.78
	09/12/06	3369.05	59.61	48.12	48.12	0.00	sock		3320.93
	09/19/06	3369.05		48.16	48.16	0.00	sock	PSH Trace / H2O 10	3320.89
	09/19/06	3369.05		48.60	48.60	0.00			3320.45
	10/03/06	3369.05		48.14	48.14	0.00	sock	PSH Sheen / H2O 10	3320.91
	10/03/06	3369.05		48.75	48.75	0.00			3320.30
	10/17/06	3369.05		48.02	48.02	0.00	sock	PSH Sheen / H2O 5	3321.03

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 Plains Marketing, L.P.
 SRS # 2003-00117
 Vacuum to Jal Mainline #3
 Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Depth of Well	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
RW-3	10/17/06	3369.05		48.91	48.91	0.00			3320.14
	10/31/06	3369.05		48.12	48.12	0.00	sock	PSH Sheen / H2O 5	3320.93
	10/31/06	3369.05		48.42	48.42	0.00			3320.63
	11/15/06	3369.05		48.12	48.12	0.00			3320.93
	12/06/06	3369.05		48.07	48.07	0.00	new sock		3320.98
	12/13/06	3369.05		48.11	48.11	0.00	sock	PSH Sheen / H2O 5	3320.94
	12/13/06	3369.05		48.19	48.19	0.00			3320.86
	12/27/06	3369.05		48.00	48.00	0.00	sock		3321.05
	01/03/07	3369.05		47.90	47.90	0.00	Sock		3321.15
	01/09/07	3369.05		47.95	47.95	0.00	Sock		3321.10
	01/18/07	3369.05		47.89	47.89	0.00	Sock		3321.16
	01/25/07	3369.05		47.68	47.68	0.00	Remove sock		3321.37
	01/31/07	3369.05		47.47	47.50	0.00	install sock		3321.55
	02/07/07	3369.05		47.62	47.62	0.00	sock		3321.43
	02/14/07	3369.05		47.67	47.67	0.00	sock		3321.38
	02/21/07	3369.05		47.86	47.86	0.00	sock		3321.19
	03/07/07	3369.05		47.63	47.65	0.02	sock		3321.42
	03/07/07	3369.05		48.55	48.55	0.00	sock	PSH Sheen H2O 10	3320.50
	03/14/07	3369.05		47.84	47.84	0.00	new sock		3321.21
	03/21/07	3369.05		47.80	47.80	0.00	sock		3321.25
	03/28/07	3369.05		47.60	47.60	0.00	new sock		3321.45
	04/04/07	3369.05		47.90	47.90	0.00	sock		3321.15
	04/10/07	3369.05		47.75	47.75	0.00	new sock		3321.30
	04/18/07	3369.05		47.70	47.70	0.00			3321.35
	04/24/07	3369.05		47.70	47.70	0.00	sock		3321.35
	05/03/07	3369.05		47.80	47.80	0.00	sock		3321.25
	05/03/07	3369.05		48.05	48.05	0.00	new sock		3321.00
	05/11/07	3369.05		47.55	47.55	0.00	sock		3321.50
	05/16/07	3369.05		47.54	47.56	0.02	sock	PSH Sheen H2O 10	3321.51
	05/16/07	3369.05		48.45	48.45	0.00	sock		3320.60
	05/23/07	3369.05		47.38	47.38	0.00	flip sock	PSH Sheen H2O 10	3321.67
	05/23/07	3369.05		47.75	47.75	0.00			3321.30
	06/06/07	3369.05	59.51	47.41	47.41	0.00	sock		3321.64
	06/13/07	3369.05	59.51	47.53	47.53	0.00	new sock		3321.52
	06/19/07	3369.05	59.51	47.47	47.47	0.00			3321.58
	06/19/07	3369.05	59.51	48.16	48.16	0.00	sock		3320.89
	06/27/07	3369.05	59.51	47.56	47.56	0.00	sock		3321.49
	07/05/07	3369.05	59.66	48.35	48.35	0.00	new sock		3320.70
	07/11/07	3369.05	59.66	47.58	47.58	0.00	sock		3321.47
	07/19/07	3369.05	59.66	47.72	47.72	0.00	sock		3321.33
	07/19/07	3369.05	59.66	48.53	48.53	0.00	sock		3320.52
	07/24/07	3369.05	59.66	47.78	47.78	0.00	sock		3321.27
	07/31/07	3369.05	59.65	47.80	47.80	0.00	new sock		3321.25
	08/09/07	3369.05	59.65	47.88	47.88	0.00	sock		3321.17
	08/16/07	3369.05	59.65	47.89	47.89	0.00	sock		3321.16

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Well No.	Date Measured	TOC Elevation	Depth of Well	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
RW-3	08/22/07	3369.05	59.65	47.76	47.76	0.00	sock		3321.29
	08/28/07	3369.05	59.65	47.93	47.93	0.00	sock		3321.12
	09/07/07	3369.05	59.65	47.97	47.97	0.00	sock		3321.08
	09/13/07	3369.05	59.65	47.98	47.98	0.00	sock		3321.07
	09/18/07	3369.05	59.65	47.95	47.95	0.00	sock		3321.10
	09/26/07	3369.05	59.65	47.99	47.99	0.00	sock		3321.06
	10/04/07	3369.05	59.65	47.80	47.80	0.00	sock		3321.25
	10/10/07	3369.05	59.65	47.85	47.85	0.00	sock		3321.20
	10/17/07	3369.05	59.65	47.88	47.88	0.00	sock		3321.17
	10/24/07	3369.05	59.65	48.02	48.02	0.00	sock		3321.03
	10/31/07	3369.05	59.65	47.90	47.90	0.00	sock		3321.15
	11/07/07	3369.05	59.65	47.92	47.92	0.00	sock		3321.13
	11/13/07	3369.05	59.65	47.90	47.90	0.00	flip sock		3321.15
	11/20/07	3369.05	59.65	47.95	47.95	0.00	sock		3321.10
	11/27/07	3369.05	59.65	47.92	47.92	0.00	sock		3321.13
	12/05/07	3369.05	59.65	47.75	47.75	0.00	sock		3321.30
	12/12/07	3369.05	59.65	47.73	47.73	0.00	sock		3321.32
	12/18/07	3369.05	59.65	47.55	47.55	0.00	sock		3321.50
	12/28/07	3369.05	59.65	47.51	47.51	0.00	sock		3321.54

Appendix C

Groundwater Analytical Reports

(Available Electronically on CD Only)

1st Quarter 2007 Analytical Reports– T16496
2nd Quarter 2007 Analytical Reports– T17641
3rd Quarter 2007 Analytical Reports– T18808
4th Quarter 2007 Analytical Reports– T19744

Appendix D
C-141 NMOCD Release Notification Form

DISTRIBUTION

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