



**PLAINS
ALL AMERICAN**

16 January 2007

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

Re: Plains All American – Annual Monitoring Report
1 Site in Lea County, New Mexico

2007 JUN 19 PM 1 57

Dear Mr. Stone:

Plains All American is an operator of crude oil pipelines and terminal facilities in the State of New Mexico. Plains All American actively monitors 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 report for the following site:

Saunders 8" #4 Section 35, Township 13 South, Range 33 East, Lea County

Basin prepared this document and has vouched for its accuracy and completeness, and on behalf of Plains All American, I have personally reviewed the document and interviewed Basin in order to verify the accuracy and completeness of this document. It is based upon these inquiries and reviews that Plains All American submits the enclosed Annual Monitoring Report for the above facility.

Should you have any questions or comments, please contact me at (505) 441-0965.

Sincerely,

Camille Reynolds
Remediation Coordinator
Plains All American

cc: Mr. Larry Johnson, NMOCD Hobbs District 1

Enclosure

Basin Environmental Service Technologies, LLC

P. O. Box 301
Lovington, New Mexico 88260
kdutton@basinenv.com
Office: (505) 396-2378 Fax: (505) 396-1429



**2006
ANNUAL MONITORING REPORT**

**SAUNDERS 8" # 4
SE ¼ NW ¼ SECTION 35, TOWNSHIP 13 SOUTH, RANGE 33 EAST
LATITUDE 33°, 08', 55.6" NORTH, LONGITUDE 103°, 35', 15.3" WEST
LEA COUNTY, NEW MEXICO
PLAINS EMS NUMBER: 2004-00184
NMOCD REF: 1R-0453**

PREPARED FOR:

**PLAINS MARKETING, L.P.
333 CLAY STEET, SUITE 1600
HOUSTON, TEXAS 77002**

PREPARED BY:

**BASIN ENVIRONMENTAL SERVICE TECHNOLOGIES, LLC
P. O. Box 301
Lovington, New Mexico 88260**

January 2007



Ken Dutton
Project Manager

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INTRODUCTION

Basin Environmental Service Technologies, LLC, (Basin) on behalf of Plains Marketing, L.P., (Plains), prepared this annual report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an annual report by April 1 of each year. 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 2006 only. Additional site activities and remedial work is summarized in several letters and reports previously submitted to the NMOCD. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during the four (4) consecutive quarters of 2006 at the request of the NMOCD to assess the potential for impact to the groundwater from dissolved phase constituents. The groundwater monitoring event consisted of measuring static water levels in the monitoring wells, checking for the presence of phase-separated hydrocarbons (PSH) atop the water column, and purging and sampling of each well exhibiting sufficient recharge.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The legal description of the site is SE ¼ NW ¼ Section 35, Township 13 South, Range 33 East. The site latitude is 32° 08' 55.6" North and the site longitude is 103° 35' 15.3" West. On 12 August 2004, Basin responded to the pipeline release on behalf of Plains to repair the pipeline and excavate the impacted soil. The Saunders 8" #4 Pipeline was subsequently de-oiled, cold cut and capped. Approximately 15 barrels of crude oil were released from the Plains Pipeline and 0 barrels were recovered. The site is characterized by a right-of-way for the pipeline in a pasture utilized for cattle grazing. The initial visibly surface stained area included the release point covering an area approximately 128 feet long by 89 feet wide. Excavation activities during the emergency response and subsequent remediation of the site covered an area approximately 198 feet long by 194 feet wide and ranged from approximately 12 to 22 feet below ground surface (bgs), respectively. Excavated soil was placed on a 6-mil poly-liner for future remedial action.

A Revised Preliminary Site Investigation Report and Remediation Plan, dated 19 July 2005, was submitted and approved by NMOCD, Santa Fe. The approved plan included installation of a 20-ml poly liner at the floor of the excavation (22 feet bgs), backfill the excavation to 12 feet bgs with the stockpiled material on-site, collecting soil samples at 500 cubic yard intervals ensuring TPH constituent concentrations were below 1000 mg/kg, backfilling to approximately 12 feet bgs level, install a second (2nd) 20-ml poly liner and backfill to surface, contour backfill and reseed with approved grass seed.

Additionally, the Revised Plan proposed to install three (3) groundwater monitoring wells to evaluate the quality of groundwater and report the results in the annual report. During the installation of the three (3) groundwater monitoring wells (03 October 2005), there were no

visual signs of PSH and laboratory results of the selected soil samples did not indicate BTEX and TPH constituent concentrations above laboratory method detection limits.

The NMOCD approved soil remediation activities were initiated in May 2006 and concluded in October 2006. A soil closure request is accompanying this annual report detailing the remedial activities conducted and requesting approval from NMOCD.

Currently, there are three (3) groundwater monitoring wells, MW-1 which is up gradient, MW-2 and MW-3, which are down gradient, on site.

FIELD ACTIVITIES

The site monitoring wells were gauged and sampled on 24 March 2006, 09 June 2006, 14 September 2006 and 27 December 2006. During the quarterly sampling events, the monitoring wells, designated to be sampled, were purged of approximately 3 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 stored in clean, glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a trailer mounted polystyrene tank and disposed at an approved disposal in Monument, New Mexico.

Locations of the groundwater monitoring wells and the inferred groundwater elevations, which were constructed from the measurements collected during the quarterly monitoring events, are depicted on Figures 2A through 2D. The groundwater elevation data are provided as Table 1.

The Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.002 ft/ft. to the east-southeast as measured between groundwater monitor wells MW-1 and MW-2. The corrected groundwater elevation ranged between 4129.45 and 4128.98 feet, in MW-1 and MW-2, 27 December 2006, respectively.

LABORATORY RESULTS

Groundwater samples were collected from the groundwater monitoring wells (MW-1, MW-2 and MW-3) during the quarterly monitoring events and were delivered to Environmental Laboratory of Texas, Odessa, Texas for determination of benzene, toluene, ethylbenzene and xylenes (BTEX) constituent concentrations by EPA Method SW846-8021b. A listing of BTEX constituent concentrations for 2006 is summarized in Table 2 and the laboratory reports are provided as Appendix A.

Laboratory results for the three (3) site groundwater samples, obtained during the four (4) sampling periods, indicated that benzene and total BTEX constituent concentrations were below laboratory method detection limits for groundwater monitoring wells MW-1, MW-2 and MW-3, as depicted on Figures 3A through 3D.

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

Based on the depth of the soil impact at this site, the NMOCD requested four (4) quarterly groundwater monitoring to be conducted at this site. This report presents the results of monitoring activities for the monitoring period. Currently, there are three (3) groundwater monitoring wells (MW-1, MW-2 and MW-3) on-site. The fourth (4th) quarter groundwater sampling event on 27 December 2006, indicates a general gradient of approximately 0.002 ft/ft to the east-southeast, as indicated on the Groundwater Gradient Map, Figure 2D.

Laboratory results for the three (3) site groundwater samples, obtained during the four (4) periods, indicated that benzene and BTEX constituent concentrations were below laboratory method detection limits for groundwater monitoring wells MW-1, MW-2 and MW-3.

ANTICIPATED ACTIONS

The NMOCD approved soil remediation activities at the Saunders 8" # 4 site were successfully completed in 2006 and a soil closure request is accompanying this annual monitoring report under separate cover. Laboratory results from five (5) consecutive quarterly groundwater sampling events indicate the groundwater samples analyzed from each sampling event were not detected above laboratory method detection limits for constituent concentrations of BTEX for groundwater monitoring wells MW-1, MW-2 and MW-3. Based on the soil remediation activities completed and the laboratory results for the groundwater samples collected during the 2005 and 2006 sampling periods, Plains request approval from the NMOCD to cease groundwater sampling and plug and abandon the three (3) groundwater monitoring wells.

LIMITATIONS

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

Basin has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. Basin 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. Basin has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Basin 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 Basin and/or Plains.

DISTRIBUTION

Copy 1: Ben Stone
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
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Hobbs, New Mexico 88240
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Suite 1600
Houston, Texas 77002
jpdann@paalp.com

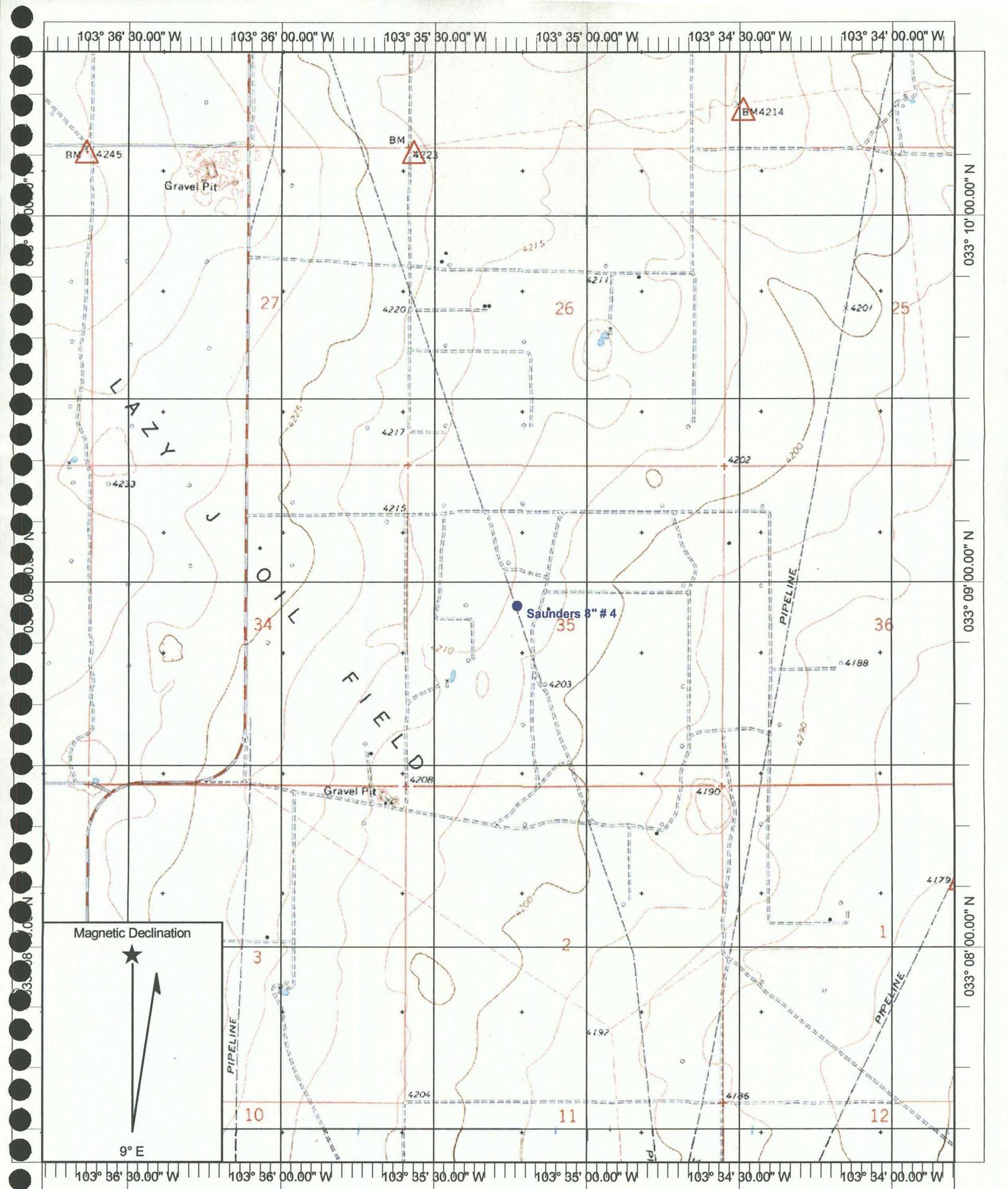
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kdutton@basinenv.com

Copy Number: 1

FIGURES

FIGURE 1
SITE LOCATION MAP



Name: FRIER RANCH
 Date: 1/15/2007
 Scale: 1 inch equals 2000 feet

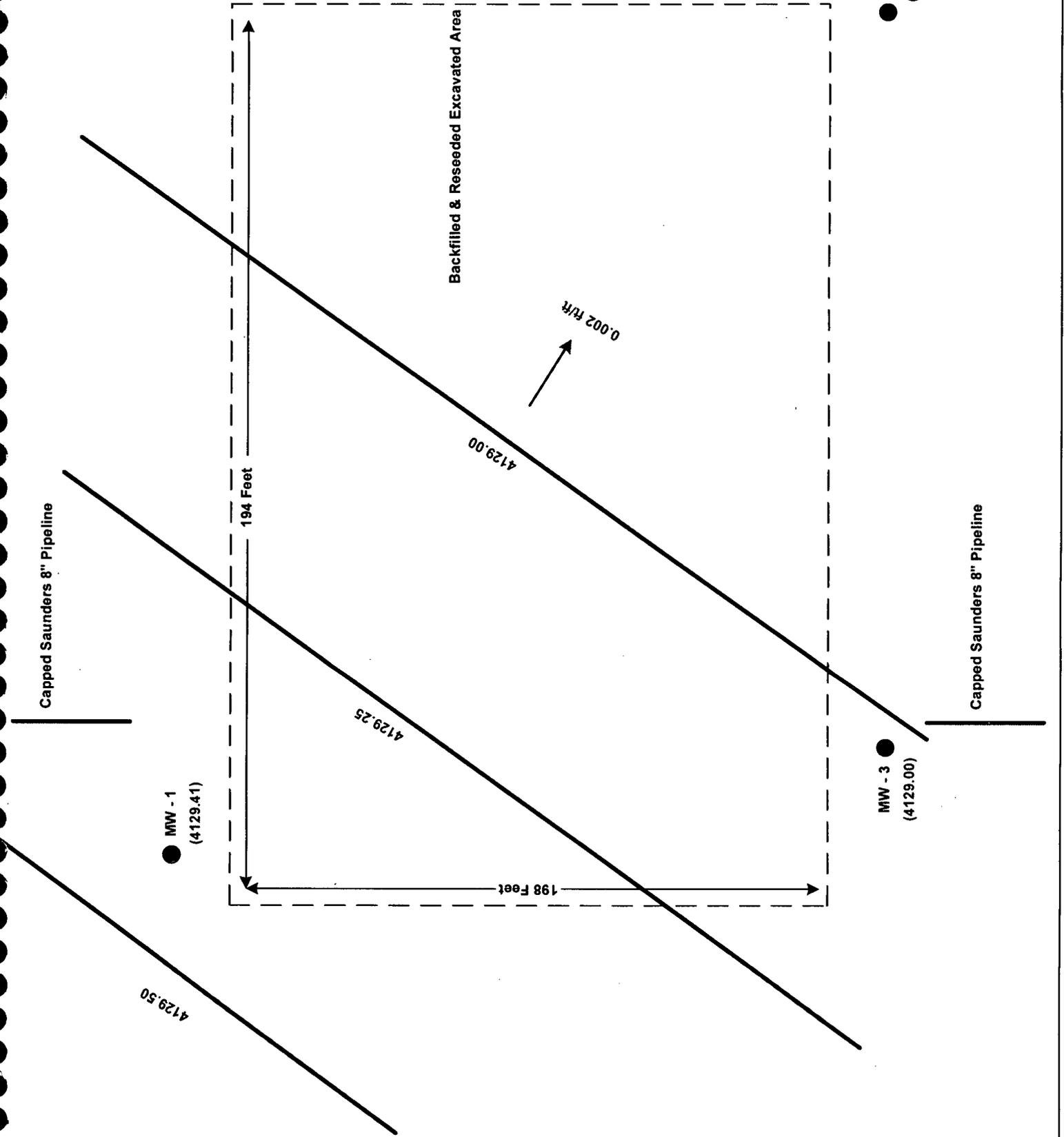
Location: 033° 08' 55.89" N 103° 35' 17.28" W NAD 27
 Caption: Figure 1, Site Location Map
 Plains Marketing, L. P.
 Saunders 8" # 4

FIGURE 2A
INFERRED GROUNDWATER
GRADIENT MAP –
24 MARCH 2006

Plains Marketing, L. P.
Saunders 8" #4
SE/NW S35, T13S, R33E
Lea County, New Mexico
Plains SRS: 2004-00184

LEGEND

● Monitor Wells
(4129) Groundwater Elevation
In Feet



DESCRIPTION
Figure 2A
Inferred Groundwater Gradient Map
24 March 2006

FIGURE 2B
INFERRED GROUNDWATER
GRADIENT MAP –
09 JUNE 2006

Plains Marketing, L. P.
 Saunders 8" #4
 SE/NW S35, T13S, R33E
 Lea County, New Mexico
 Plains SRS: 2004-00184



LEGEND

● Monitor Wells
 Groundwater Elevation
 In Feet
 (4129)

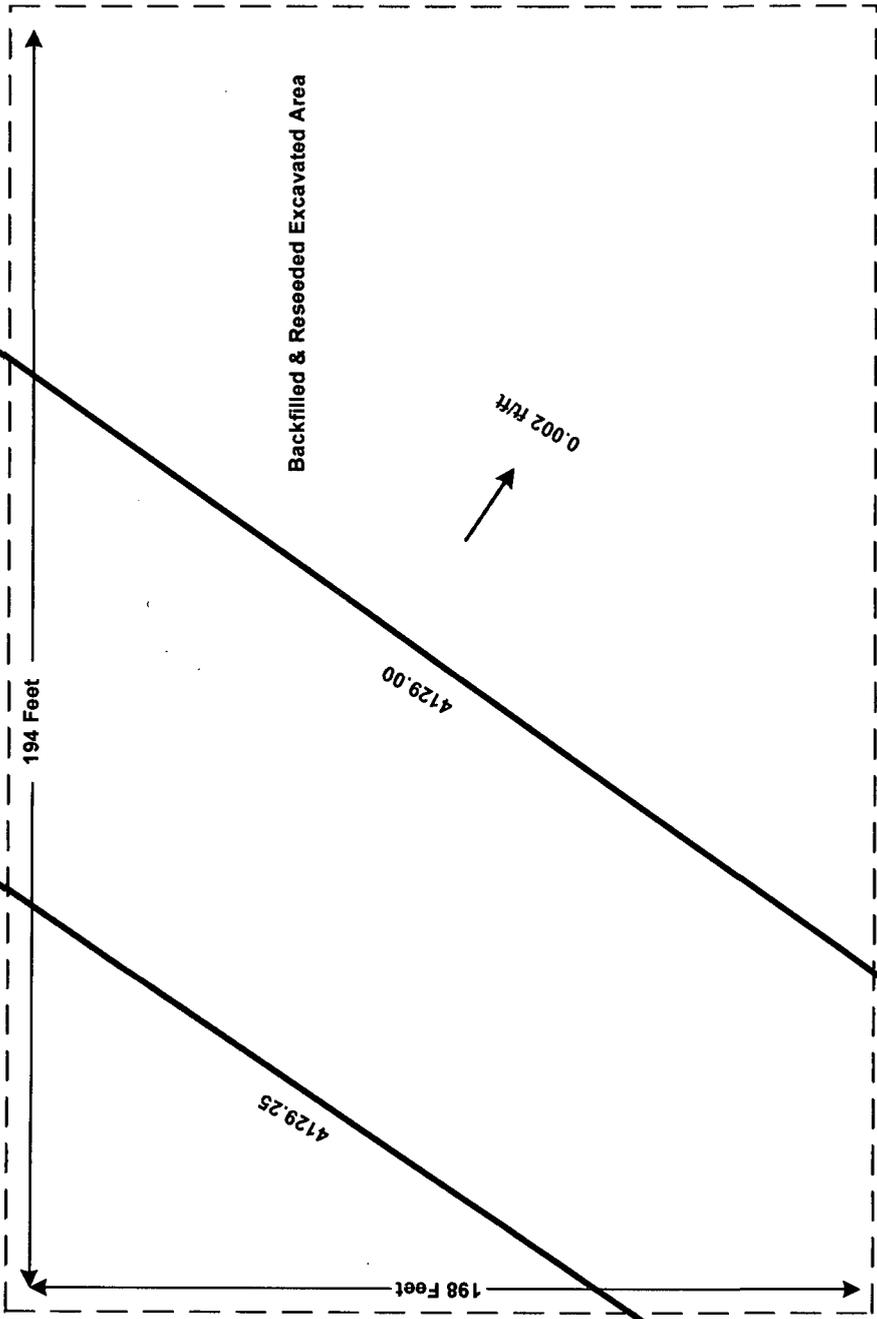
Capped Saunders 8" Pipeline

Capped Saunders 8" Pipeline

MW - 1
 (4129.44)

MW - 3
 (4129.01)

MW - 2
 (4128.94)



Backfilled & Reseeded Excavated Area

0.002 FWT

194 Feet

4129.00

4129.25

198 Feet

4129.50

4128.75

DESCRIPTION
 Figure 2B
 Inferred Groundwater Gradient Map
 09 June 2006

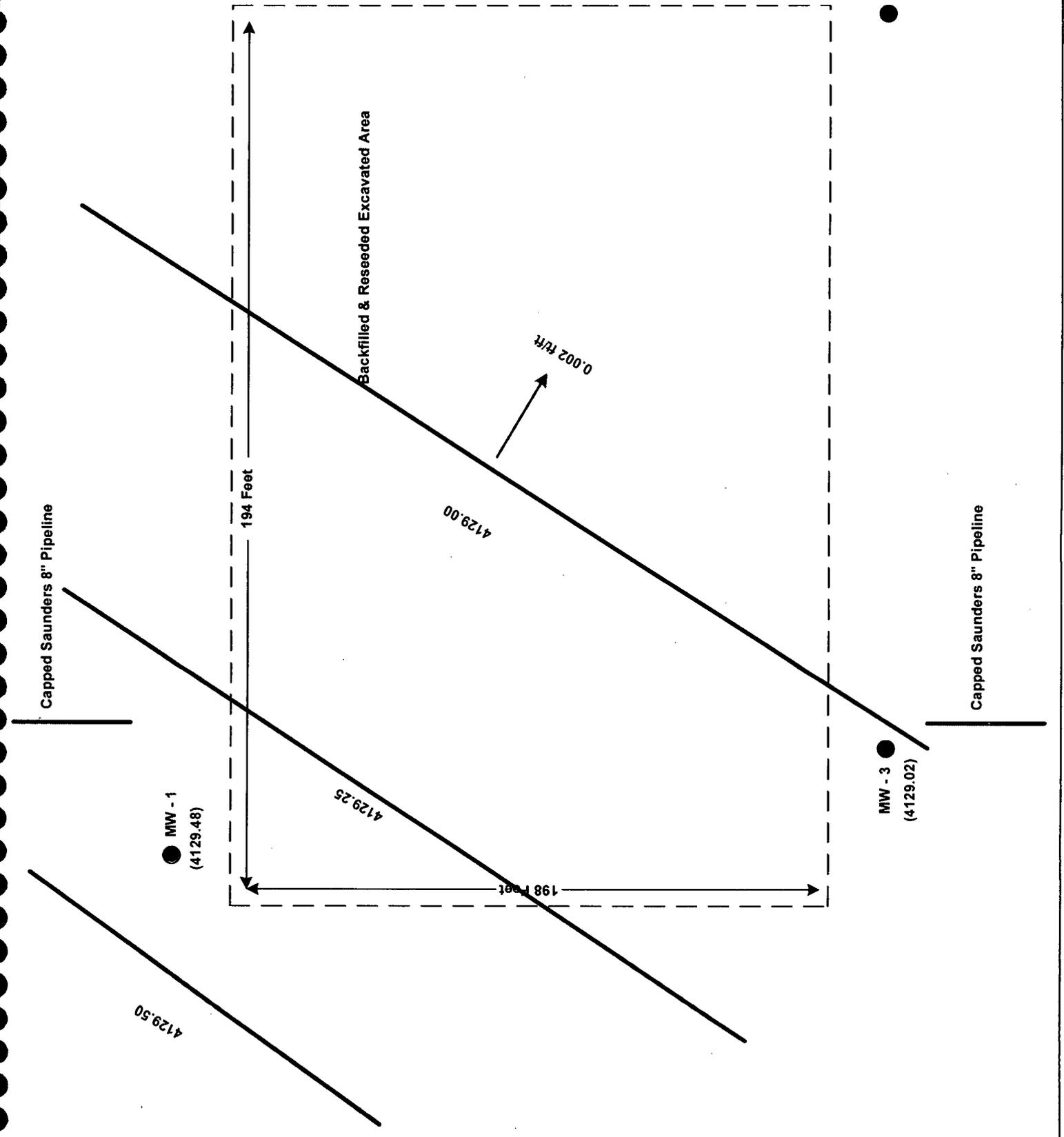
FIGURE 2C
INFERRED GROUNDWATER
GRADIENT MAP –
14 SEPTEMBER 2006

Plains Marketing, L. P.
Saunders 8" #4
SE/NW S35, T13S, R33E
Lea County, New Mexico
Plains SRS: 2004-00184



LEGEND

● Monitor Wells
Groundwater Elevation
(4129)



DESCRIPTION

Figure 2C
Inferred Groundwater Gradient Map
14 September 2006

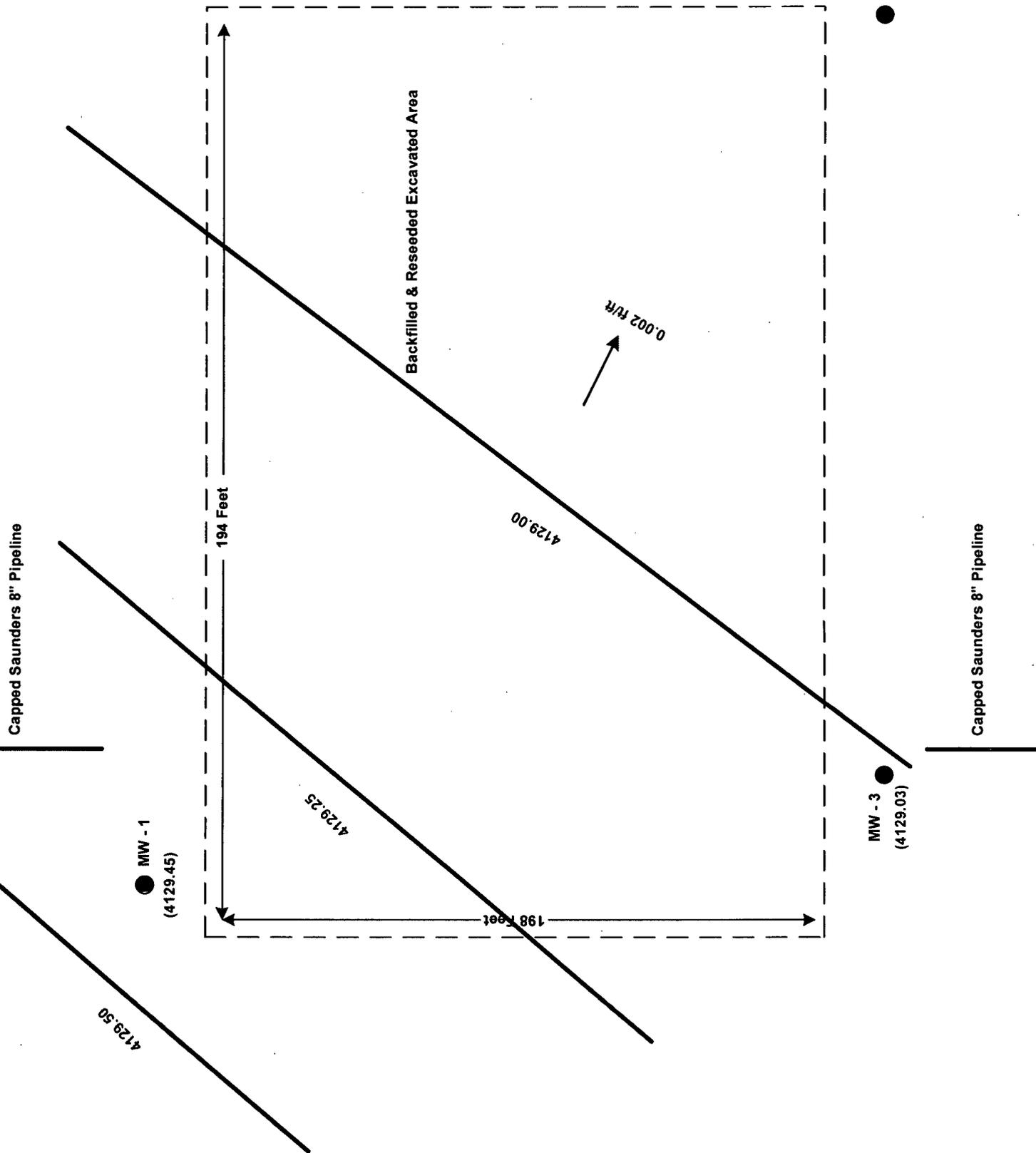
FIGURE 2D
INFERRED GROUNDWATER
GRADIENT MAP –
27 DECEMBER 2006

Plains Marketing, L. P.
Saunders 8" #4
SE/NW S35, T13S, R33E
Lea County, New Mexico
Plains SRS: 2004-00184



LEGEND

● Monitor Wells
Groundwater Elevation
in Feet
(4129)



DESCRIPTION

Figure 2D
Inferred Groundwater Gradient Map
27 December 2006

FIGURE 3A
GROUNDWATER CONCENTRATION
MAP – 24 MARCH 2006

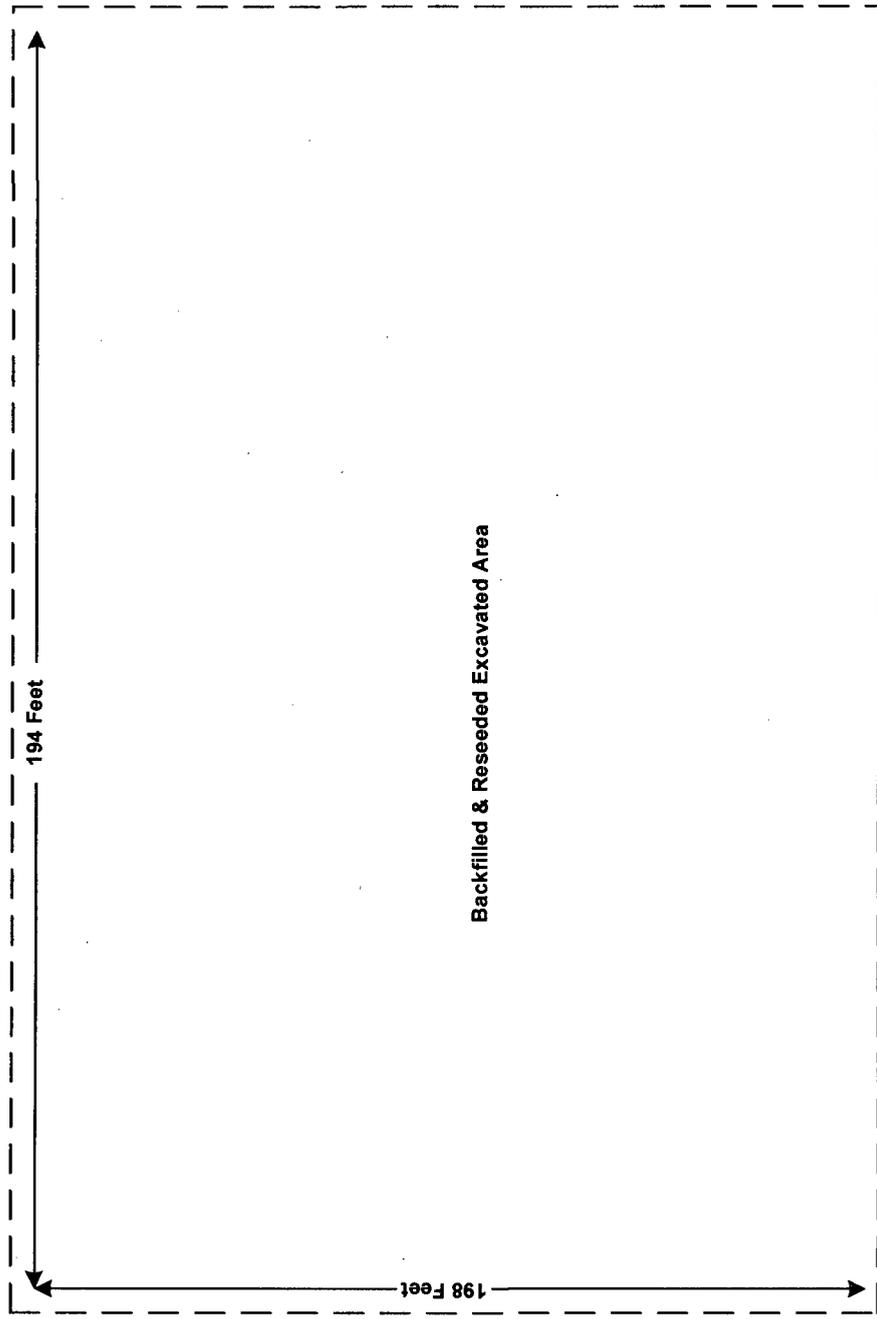
Plains Marketing, L. P.
Saunders 8" #4
SE/NW S35, T13S, R33E
Lea County, New Mexico
Plains SRS: 2004-00184

Capped Saunders 8" Pipeline

● MW - 1
Benzene: <0.001 mg/L
BTEX: <0.001 mg/L

LEGEND

● Monitor Wells



● MW - 3
Benzene: <0.001 mg/L
BTEX: <0.001 mg/L

Capped Saunders 8" Pipeline

● MW - 2
Benzene: <0.001 mg/L
BTEX: <0.001 mg/L

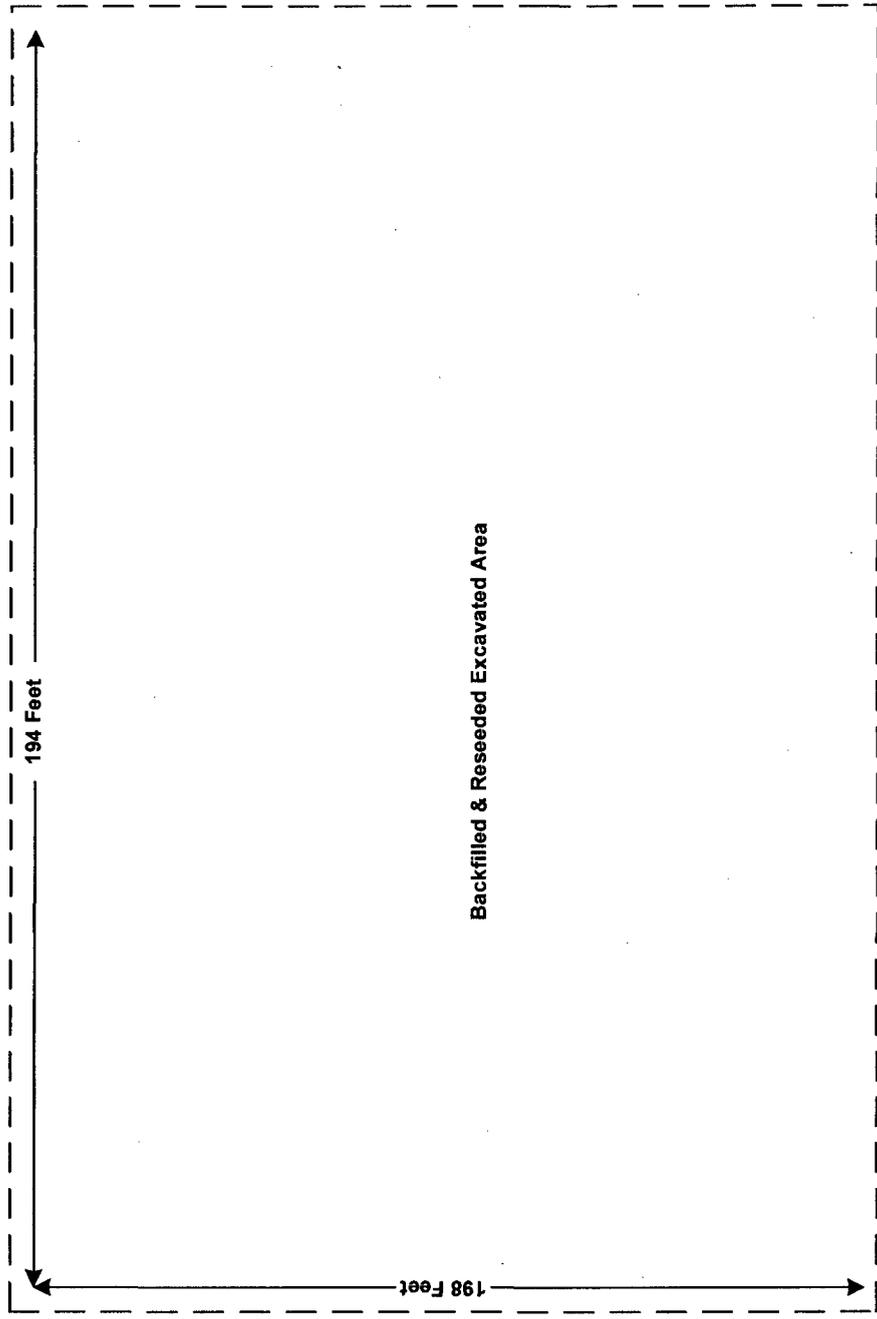
DESCRIPTION
Figure 3A
Groundwater Concentration (BTEX)
Map
24 March 2006

FIGURE 3B
GROUNDWATER CONCENTRATION
MAP – 09 JUNE 2006

Plains Marketing, L.P.
Saunders 8" #4
SE/NW S35, T13S, R33E
Lea County, New Mexico
Plains SRS: 2004-00184

Capped Saunders 8" Pipeline

● MW - 1
Benzene: <0.001 mg/L
BTEX: <0.001 mg/L



Backfilled & Reseeded Excavated Area

194 Feet

198 Feet

LEGEND

● Monitor Wells

● MW - 3
Benzene: <0.001 mg/L
BTEX: <0.001 mg/L

Capped Saunders 8" Pipeline

● MW - 2
Benzene: <0.001 mg/L
BTEX: <0.001 mg/L

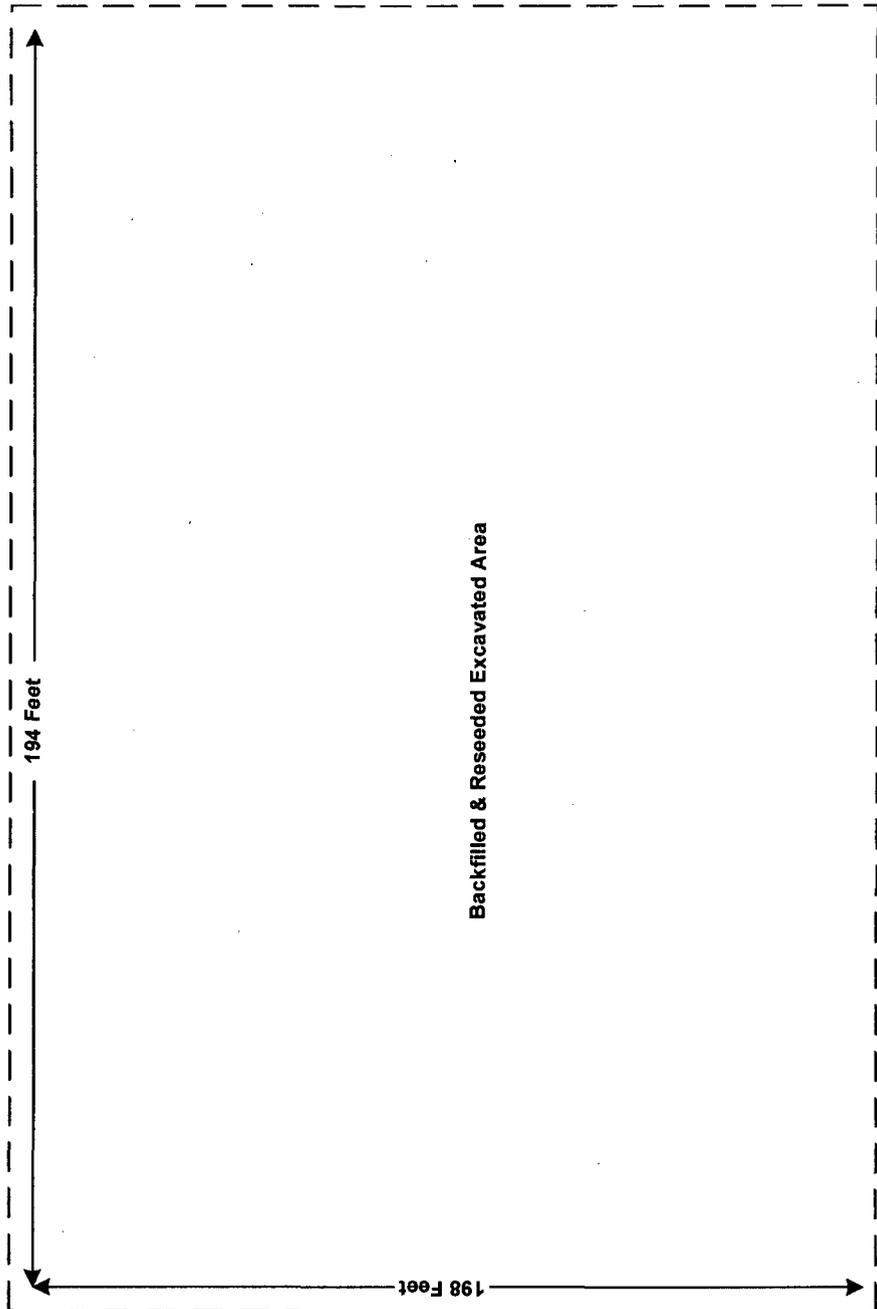
DESCRIPTION
Figure 3B
Groundwater Concentration (BTEX)
Map
09 June 2006

FIGURE 3C
GROUNDWATER CONCENTRATION
MAP – 14 SEPTEMBER 2006

Plains Marketing, L.P.
Saunders 8" #4
SE/NW S35, T13S, R33E
Lea County, New Mexico
Plains SRS: 2004-00184

Capped Saunders 8" Pipeline

● MW - 1
Benzene: <0.001 mg/L
BTEX: <0.001 mg/L



LEGEND

● MW - 3
Benzene: <0.001 mg/L
BTEX: <0.001 mg/L

Capped Saunders 8" Pipeline

● MW - 2
Benzene: <0.001 mg/L
BTEX: <0.001 mg/L

DESCRIPTION
Figure 3C
Groundwater Concentration (BTEX)
Map
14 September 2006

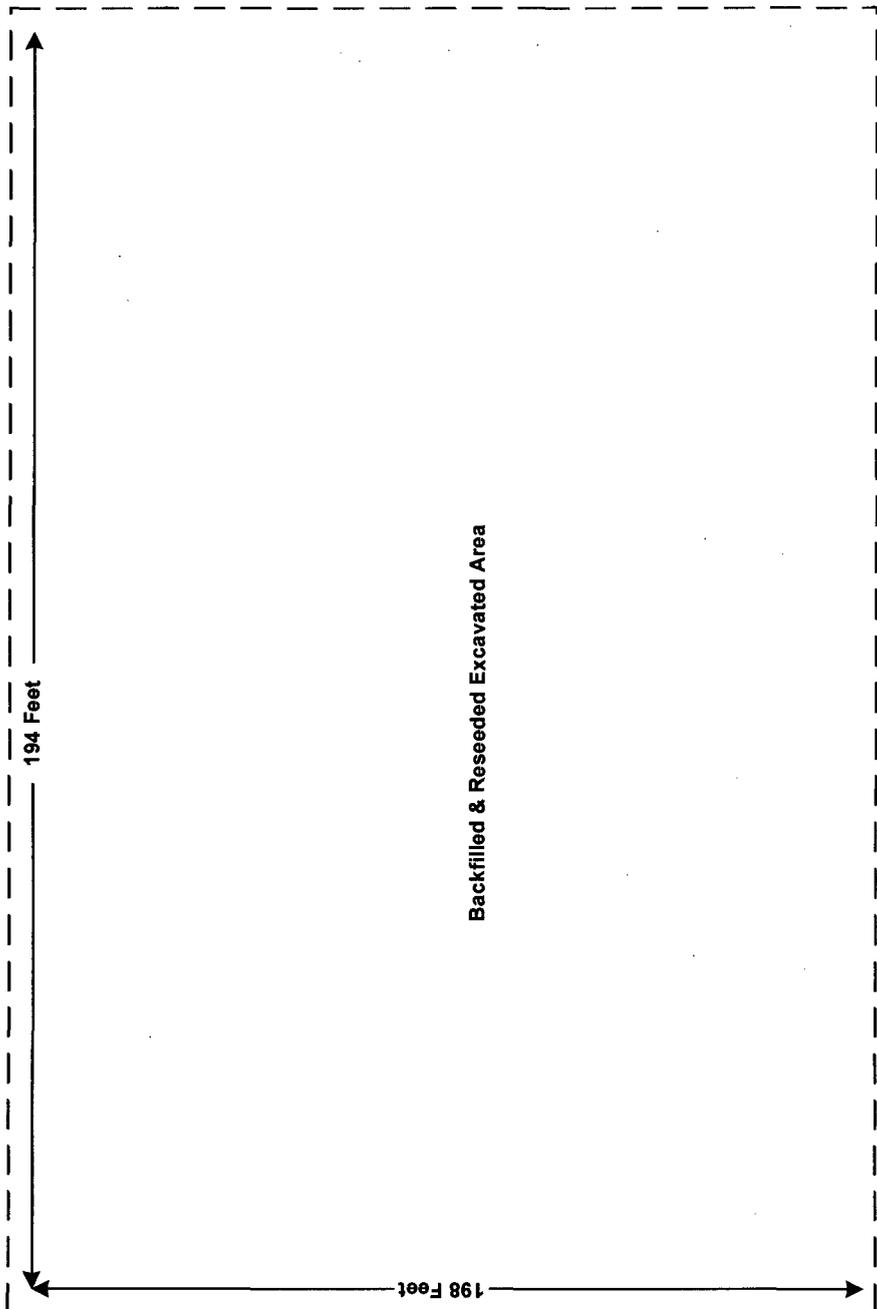
FIGURE 3D
GROUNDWATER CONCENTRATION
MAP – 27 DECEMBER 2006

Plains Marketing, L.P.
Saunders 8" #4
SE/NW S35, T13S, R33E
Lea County, New Mexico
Plains SRS: 2004-00184

Capped Saunders 8" Pipeline

● MW - 1
Benzene: <0.001 mg/L
BTEX: <0.001 mg/L

LEGEND



● MW - 3
Benzene: <0.001 mg/L
BTEX: <0.001 mg/L

● MW - 2
Benzene: <0.001 mg/L
BTEX: <0.001 mg/L

Capped Saunders 8" Pipeline

DESCRIPTION
Figure 3D
Groundwater Concentration (BTEX)
Map
27 December, 2006



TABLES

TABLE 1

GROUNDWATER ELEVATION DATA

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 SAUNDERS 8" #4
 LEA COUNTY, NEW MEXICO
 PLAINS EMS NO. 2004-00184

| WELL NUMBER | DATE MEASURED | CASING WELL ELEVATION | DEPTH TO PRODUCT | DEPTH TO WATER | PSH THICKNESS | CORRECTED GROUNDWATER ELEVATION |
|-------------|---------------|-----------------------|------------------|----------------|---------------|---------------------------------|
| MW - 1 | 10/24/05 | 4,213.31 | - | 83.83 | 0.00 | 4,129.48 |
| | 03/24/06 | 4,213.31 | - | 83.90 | 0.00 | 4,129.41 |
| | 06/09/06 | 4,213.31 | - | 83.87 | 0.00 | 4,129.44 |
| | 09/14/06 | 4,213.31 | - | 83.83 | 0.00 | 4,129.48 |
| | 12/27/06 | 4,213.31 | - | 83.86 | 0.00 | 4,129.45 |
| | | | | | | |
| MW - 2 | 10/24/05 | 4,212.89 | - | 83.96 | 0.00 | 4,128.93 |
| | 03/24/06 | 4,212.89 | - | 83.97 | 0.00 | 4,128.92 |
| | 06/09/06 | 4,212.89 | - | 83.95 | 0.00 | 4,128.94 |
| | 09/14/06 | 4,212.89 | - | 83.93 | 0.00 | 4,128.96 |
| | 12/27/06 | 4,212.89 | - | 83.91 | 0.00 | 4,128.98 |
| | | | | | | |
| MW-3 | 10/24/05 | 4,213.71 | - | 84.74 | 0.00 | 4,128.97 |
| | 03/24/06 | 4,213.71 | - | 84.71 | 0.00 | 4,129.00 |
| | 06/09/06 | 4,213.71 | - | 84.70 | 0.00 | 4,129.01 |
| | 09/14/06 | 4,213.71 | - | 84.69 | 0.00 | 4,129.02 |
| | 12/27/06 | 4,213.71 | - | 84.68 | 0.00 | 4,129.03 |
| | | | | | | |
| | | | | | | |
| | | | | | | |

TABLE 2

**CONCENTRATIONS OF BENZENE
AND BTEX IN GROUNDWATER**

TABLE 2

CONCENTRATION OF BENZENE AND BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 SAUNDERS 8" # 4
 LEA COUNTY, NEW MEXICO
 PLAINS EMS NO. 2004-00184

| SAMPLE LOCATION | SAMPLE DATE | METHODS: EPA SW 846-8021B, 5030 | | | |
|------------------------|-------------|---------------------------------|----------------|----------------------|---------------------------|
| | | BENZENE (mg/L) | TOLUENE (mg/L) | ETHYL-BENZENE (mg/L) | M,P-XYLENES (mg/L) |
| MW-1 | 10/24/05 | <0.001 | <0.001 | <0.001 | <0.001 |
| | 03/24/06 | <0.001 | <0.001 | <0.001 | <0.001 |
| | 06/09/06 | <0.001 | <0.001 | <0.001 | <0.001 |
| | 09/14/06 | <0.001 | <0.001 | <0.001 | <0.001 |
| | 12/27/06 | <0.001 | <0.001 | <0.001 | <0.001 |
| MW-2 | 10/24/05 | <0.001 | <0.001 | <0.001 | <0.001 |
| | 03/24/06 | <0.001 | <0.001 | <0.001 | <0.001 |
| | 06/09/06 | <0.001 | <0.001 | <0.001 | <0.001 |
| | 09/14/06 | <0.001 | <0.001 | <0.001 | <0.001 |
| | 12/27/06 | <0.001 | <0.001 | <0.001 | <0.001 |
| MW-3 | 10/24/05 | <0.001 | <0.001 | <0.001 | <0.001 |
| | 03/25/06 | <0.001 | <0.001 | <0.001 | <0.001 |
| | 06/09/06 | <0.001 | <0.001 | <0.001 | <0.001 |
| | 09/14/06 | <0.001 | <0.001 | <0.001 | <0.001 |
| | 12/27/06 | <0.001 | <0.001 | <0.001 | <0.001 |
| NMOC D CRITERIA | | 0.01 | 0.75 | 0.75 | TOTAL XYLENES 0.62 |

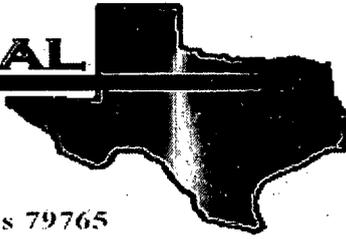


APPENDICES

APPENDIX A

LABORATORY REPORTS

E NVIRONMENTAL
LAB OF



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Camille Reynolds

Plains All American EH & S

1301 S. County Road 1150

Midland, TX 79706-4476

Project: Saunders 8" #4

Project Number: 2004-00184

Location: Lea Co., NM

Lab Order Number: 6C28012

Report Date: 04/03/06

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Saunders 8" #4
Project Number: 2004-00184
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
04/03/06 14:18

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| MW-1 | 6C28012-01 | Water | 03/24/06 11:04 | 03/28/06 11:45 |
| MW-2 | 6C28012-02 | Water | 03/24/06 15:45 | 03/28/06 11:45 |
| MW-3 | 6C28012-03 | Water | 03/25/06 09:55 | 03/28/06 11:45 |

Plains All American EH & S
 1301 S. County Road 1150
 Midland TX, 79706-4476

Project: Saunders 8" #4
 Project Number: 2004-00184
 Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
 04/03/06 14:18

Organics by GC
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--|--------|-----------------|--------|----------|---------|----------|----------|-----------|-------|
| MW-1 (6C28012-01) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | EC63016 | 03/30/06 | 03/31/06 | EPA 8021B | |
| Toluene | ND | 0.00100 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.00100 | " | " | " | " | " | " | |
| Xylene (p/m) | ND | 0.00100 | " | " | " | " | " | " | |
| Xylene (o) | ND | 0.00100 | " | " | " | " | " | " | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | | 87.0 % | 80-120 | | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 92.8 % | 80-120 | | " | " | " | " | |
| MW-2 (6C28012-02) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | EC63016 | 03/30/06 | 03/31/06 | EPA 8021B | |
| Toluene | ND | 0.00100 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.00100 | " | " | " | " | " | " | |
| Xylene (p/m) | ND | 0.00100 | " | " | " | " | " | " | |
| Xylene (o) | ND | 0.00100 | " | " | " | " | " | " | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | | 87.0 % | 80-120 | | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 90.2 % | 80-120 | | " | " | " | " | |
| MW-3 (6C28012-03) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | EC63016 | 03/30/06 | 03/31/06 | EPA 8021B | |
| Toluene | ND | 0.00100 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.00100 | " | " | " | " | " | " | |
| Xylene (p/m) | ND | 0.00100 | " | " | " | " | " | " | |
| Xylene (o) | ND | 0.00100 | " | " | " | " | " | " | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | | 89.0 % | 80-120 | | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 86.8 % | 80-120 | | " | " | " | " | |

Plains All American EH & S
 1301 S. County Road 1150
 Midland TX, 79706-4476

Project: Saunders 8" #4
 Project Number: 2004-00184
 Project Manager: Camille Reynolds

Fax: (432) 687-4914
 Reported:
 04/03/06 14:18

Organics by GC - Quality Control
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch EC63016 - EPA 5030C (GC)

Blank (EC63016-BLK1)

Prepared & Analyzed: 03/30/06

| | | | | | | | | | | |
|-----------------------------------|------|---------|------|------|--|------|--------|--|--|--|
| Benzene | ND | 0.00100 | mg/L | | | | | | | |
| Toluene | ND | 0.00100 | " | | | | | | | |
| Ethylbenzene | ND | 0.00100 | " | | | | | | | |
| Xylene (p/m) | ND | 0.00100 | " | | | | | | | |
| Xylene (o) | ND | 0.00100 | " | | | | | | | |
| Surrogate: a,a,a-Trifluorotoluene | 33.8 | | ug/l | 40.0 | | 84.5 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 38.6 | | " | 40.0 | | 96.5 | 80-120 | | | |

LCS (EC63016-BS1)

Prepared & Analyzed: 03/30/06

| | | | | | | | | | | |
|-----------------------------------|--------|---------|------|--------|--|------|--------|--|--|--|
| Benzene | 0.0405 | 0.00100 | mg/L | 0.0500 | | 81.0 | 80-120 | | | |
| Toluene | 0.0441 | 0.00100 | " | 0.0500 | | 88.2 | 80-120 | | | |
| Ethylbenzene | 0.0593 | 0.00100 | " | 0.0500 | | 119 | 80-120 | | | |
| Xylene (p/m) | 0.102 | 0.00100 | " | 0.100 | | 102 | 80-120 | | | |
| Xylene (o) | 0.0499 | 0.00100 | " | 0.0500 | | 99.8 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 34.4 | | ug/l | 40.0 | | 86.0 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 39.8 | | " | 40.0 | | 99.5 | 80-120 | | | |

Calibration Check (EC63016-CCV1)

Prepared: 03/30/06 Analyzed: 03/31/06

| | | | | | | | | | | |
|-----------------------------------|------|--|------|------|--|------|--------|--|--|--|
| Benzene | 45.1 | | ug/l | 50.0 | | 90.2 | 80-120 | | | |
| Toluene | 41.8 | | " | 50.0 | | 83.6 | 80-120 | | | |
| Ethylbenzene | 46.8 | | " | 50.0 | | 93.6 | 80-120 | | | |
| Xylene (p/m) | 95.9 | | " | 100 | | 95.9 | 80-120 | | | |
| Xylene (o) | 47.5 | | " | 50.0 | | 95.0 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 39.7 | | " | 40.0 | | 99.2 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 35.1 | | " | 40.0 | | 87.8 | 80-120 | | | |

Matrix Spike (EC63016-MS1)

Source: 6C24010-02

Prepared: 03/30/06 Analyzed: 03/31/06

| | | | | | | | | | | |
|-----------------------------------|--------|---------|------|--------|----|------|--------|--|--|--|
| Benzene | 0.0450 | 0.00100 | mg/L | 0.0500 | ND | 90.0 | 80-120 | | | |
| Toluene | 0.0429 | 0.00100 | " | 0.0500 | ND | 85.8 | 80-120 | | | |
| Ethylbenzene | 0.0491 | 0.00100 | " | 0.0500 | ND | 98.2 | 80-120 | | | |
| Xylene (p/m) | 0.0999 | 0.00100 | " | 0.100 | ND | 99.9 | 80-120 | | | |
| Xylene (o) | 0.0492 | 0.00100 | " | 0.0500 | ND | 98.4 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 35.1 | | ug/l | 40.0 | | 87.8 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 36.9 | | " | 40.0 | | 92.2 | 80-120 | | | |

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Saunders 8" #4
Project Number: 2004-00184
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
04/03/06 14:18

Organics by GC - Quality Control
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch EC63016 - EPA 5030C (GC)

Matrix Spike Dup (EC63016-MSD1)

Source: 6C24010-02

Prepared: 03/30/06 Analyzed: 03/31/06

| | | | | | | | | | | |
|-----------------------------------|--------|---------|------|--------|----|------|--------|------|----|--|
| Benzene | 0.0433 | 0.00100 | mg/L | 0.0500 | ND | 86.6 | 80-120 | 3.85 | 20 | |
| Toluene | 0.0415 | 0.00100 | " | 0.0500 | ND | 83.0 | 80-120 | 3.32 | 20 | |
| Ethylbenzene | 0.0475 | 0.00100 | " | 0.0500 | ND | 95.0 | 80-120 | 3.31 | 20 | |
| Xylene (p/m) | 0.0971 | 0.00100 | " | 0.100 | ND | 97.1 | 80-120 | 2.84 | 20 | |
| Xylene (o) | 0.0475 | 0.00100 | " | 0.0500 | ND | 95.0 | 80-120 | 3.52 | 20 | |
| Surrogate: a,a,a-Trifluorotoluene | 43.1 | | ug/l | 40.0 | | 108 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 34.5 | | " | 40.0 | | 86.2 | 80-120 | | | |

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Saunders 8" #4
Project Number: 2004-00184
Project Manager: Camille Reynolds

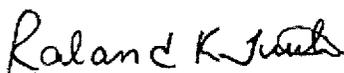
Fax: (432) 687-4914

Reported:
04/03/06 14:18

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By:



Date: 4/3/2006

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer

Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-563-1800.

Environmental Lab of Texas
 Variance / Corrective Action Report – Sample Log-In

Client Plains

Date/Time 3/28/02 11:45

Order #: 6028012

Initials CR

Sample Receipt Checklist

| Temperature of container/cooler? | Yes | No | 210 C |
|---|-------------------------------------|----|------------------------|
| Shipping container/cooler in good condition? | <input checked="" type="checkbox"/> | No | |
| Custody Seals intact on shipping container/cooler? | Yes | No | Not present |
| Custody Seals intact on sample bottles? | <input checked="" type="checkbox"/> | No | Not present |
| Chain of custody present? | <input checked="" type="checkbox"/> | No | |
| Sample Instructions complete on Chain of Custody? | <input checked="" type="checkbox"/> | No | |
| Chain of Custody signed when relinquished and received? | <input checked="" type="checkbox"/> | No | |
| Chain of custody agrees with sample label(s) | <input checked="" type="checkbox"/> | No | |
| Container labels legible and intact? | <input checked="" type="checkbox"/> | No | |
| Sample Matrix and properties same as on chain of custody? | <input checked="" type="checkbox"/> | No | |
| Samples in proper container/bottle? | <input checked="" type="checkbox"/> | No | |
| Samples properly preserved? | <input checked="" type="checkbox"/> | No | |
| Sample bottles intact? | <input checked="" type="checkbox"/> | No | |
| Reservations documented on Chain of Custody? | <input checked="" type="checkbox"/> | No | |
| Containers documented on Chain of Custody? | <input checked="" type="checkbox"/> | No | |
| Sufficient sample amount for indicated test? | <input checked="" type="checkbox"/> | No | |
| Samples received within sufficient hold time? | <input checked="" type="checkbox"/> | No | |
| VOC samples have zero headspace? | <input checked="" type="checkbox"/> | No | Not Applicable |

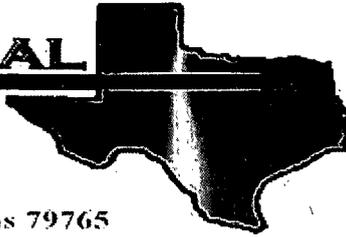
Other observations:

Variance Documentation:

Contact Person: _____ Date/Time: _____ Contacted by: _____
 Regarding: _____

Corrective Action Taken:

E NVIRONMENTAL
LAB OF



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Camille Reynolds

Plains All American EH & S

1301 S. County Road 1150

Midland, TX 79706-4476

Project: Saunders 8" #4

Project Number: 2004-00184

Location: Lea Co., NM

Lab Order Number: 6F15012

Report Date: 06/23/06

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Saunders 8" #4
Project Number: 2004-00184
Project Manager: Camille Reynolds

Fax: (432) 687-4914

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| MW-1 | 6F15012-01 | Water | 06/09/06 09:55 | 06/15/06 12:45 |
| MW-2 | 6F15012-02 | Water | 06/09/06 10:50 | 06/15/06 12:45 |
| MW-3 | 6F15012-03 | Water | 06/09/06 11:53 | 06/15/06 12:45 |

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Saunders 8" #4
Project Number: 2004-00184
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Organics by GC
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------------|--------|-----------------|--------|----------|---------|----------|----------|-----------|-------|
| MW-1 (6F15012-01) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | EF62102 | 06/21/06 | 06/21/06 | EPA 8021B | |
| Toluene | ND | 0.00100 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.00100 | " | " | " | " | " | " | |
| Xylene (p/m) | ND | 0.00100 | " | " | " | " | " | " | |
| Xylene (o) | ND | 0.00100 | " | " | " | " | " | " | |
| Surrogate: a,a,a-Trifluorotoluene | | 91.5 % | 80-120 | " | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 95.5 % | 80-120 | " | " | " | " | " | |
| MW-2 (6F15012-02) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | EF62102 | 06/21/06 | 06/21/06 | EPA 8021B | |
| Toluene | ND | 0.00100 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.00100 | " | " | " | " | " | " | |
| Xylene (p/m) | ND | 0.00100 | " | " | " | " | " | " | |
| Xylene (o) | ND | 0.00100 | " | " | " | " | " | " | |
| Surrogate: a,a,a-Trifluorotoluene | | 104 % | 80-120 | " | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 97.2 % | 80-120 | " | " | " | " | " | |
| MW-3 (6F15012-03) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | EF62102 | 06/21/06 | 06/21/06 | EPA 8021B | |
| Toluene | ND | 0.00100 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.00100 | " | " | " | " | " | " | |
| Xylene (p/m) | ND | 0.00100 | " | " | " | " | " | " | |
| Xylene (o) | ND | 0.00100 | " | " | " | " | " | " | |
| Surrogate: a,a,a-Trifluorotoluene | | 95.0 % | 80-120 | " | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 103 % | 80-120 | " | " | " | " | " | |

Plains All American EH & S
 1301 S. County Road 1150
 Midland TX, 79706-4476

Project: Saunders 8" #4
 Project Number: 2004-00184
 Project Manager: Camille Reynolds

Fax: (432) 687-4914

Organics by GC - Quality Control
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch EF62102 - EPA 5030C (GC)

Blank (EF62102-BLK1)

Prepared & Analyzed: 06/21/06

| | | | | | | | | | | |
|-----------------------------------|------|---------|------|------|--|------|--------|--|--|--|
| Benzene | ND | 0.00100 | mg/L | | | | | | | |
| Toluene | ND | 0.00100 | " | | | | | | | |
| Ethylbenzene | ND | 0.00100 | " | | | | | | | |
| Xylene (p/m) | ND | 0.00100 | " | | | | | | | |
| Xylene (o) | ND | 0.00100 | " | | | | | | | |
| Surrogate: a,a,a-Trifluorotoluene | 40.8 | | ug/l | 40.0 | | 102 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 32.0 | | " | 40.0 | | 80.0 | 80-120 | | | |

LCS (EF62102-BS1)

Prepared & Analyzed: 06/21/06

| | | | | | | | | | | |
|-----------------------------------|--------|---------|------|--------|--|-----|--------|--|--|--|
| Benzene | 0.0523 | 0.00100 | mg/L | 0.0500 | | 105 | 80-120 | | | |
| Toluene | 0.0568 | 0.00100 | " | 0.0500 | | 114 | 80-120 | | | |
| Ethylbenzene | 0.0548 | 0.00100 | " | 0.0500 | | 110 | 80-120 | | | |
| Xylene (p/m) | 0.119 | 0.00100 | " | 0.100 | | 119 | 80-120 | | | |
| Xylene (o) | 0.0582 | 0.00100 | " | 0.0500 | | 116 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 42.8 | | ug/l | 40.0 | | 107 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 41.1 | | " | 40.0 | | 103 | 80-120 | | | |

Calibration Check (EF62102-CCV1)

Prepared & Analyzed: 06/21/06

| | | | | | | | | | | |
|-----------------------------------|------|--|------|------|--|------|--------|--|--|--|
| Benzene | 58.5 | | ug/l | 50.0 | | 117 | 80-120 | | | |
| Toluene | 59.9 | | " | 50.0 | | 120 | 80-120 | | | |
| Ethylbenzene | 58.1 | | " | 50.0 | | 116 | 80-120 | | | |
| Xylene (p/m) | 119 | | " | 100 | | 119 | 80-120 | | | |
| Xylene (o) | 59.6 | | " | 50.0 | | 119 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 43.0 | | " | 40.0 | | 108 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 38.6 | | " | 40.0 | | 96.5 | 80-120 | | | |

Matrix Spike (EF62102-MS1)

Source: 6F15011-01

Prepared & Analyzed: 06/21/06

| | | | | | | | | | | |
|-----------------------------------|--------|---------|------|--------|----|-----|--------|--|--|--|
| Benzene | 0.0523 | 0.00100 | mg/L | 0.0500 | ND | 105 | 80-120 | | | |
| Toluene | 0.0579 | 0.00100 | " | 0.0500 | ND | 116 | 80-120 | | | |
| Ethylbenzene | 0.0509 | 0.00100 | " | 0.0500 | ND | 102 | 80-120 | | | |
| Xylene (p/m) | 0.119 | 0.00100 | " | 0.100 | ND | 119 | 80-120 | | | |
| Xylene (o) | 0.0598 | 0.00100 | " | 0.0500 | ND | 120 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 44.0 | | ug/l | 40.0 | | 110 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 43.6 | | " | 40.0 | | 109 | 80-120 | | | |

Plains All American EH & S
 1301 S. County Road 1150
 Midland TX, 79706-4476

Project: Saunders 8" #4
 Project Number: 2004-00184
 Project Manager: Camille Reynolds

Fax: (432) 687-4914

Organics by GC - Quality Control
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch EF62102 - EPA 5030C (GC)

Matrix Spike Dup (EF62102-MSD1)

Source: 6F15011-01

Prepared & Analyzed: 06/21/06

| | | | | | | | | | | |
|---|--------|---------|------|--------|----|-----|--------|-------|----|--|
| Benzene | 0.0579 | 0.00100 | mg/L | 0.0500 | ND | 116 | 80-120 | 9.95 | 20 | |
| Toluene | 0.0576 | 0.00100 | " | 0.0500 | ND | 115 | 80-120 | 0.866 | 20 | |
| Ethylbenzene | 0.0578 | 0.00100 | " | 0.0500 | ND | 116 | 80-120 | 12.8 | 20 | |
| Xylene (p/m) | 0.120 | 0.00100 | " | 0.100 | ND | 120 | 80-120 | 0.837 | 20 | |
| Xylene (o) | 0.0580 | 0.00100 | " | 0.0500 | ND | 116 | 80-120 | 3.39 | 20 | |
| Surrogate: <i>a,a,a</i> -Trifluorotoluene | 40.7 | | ug/l | 40.0 | | 102 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 41.0 | | " | 40.0 | | 102 | 80-120 | | | |

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

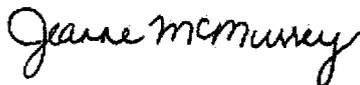
Project: Saunders 8" #4
Project Number: 2004-00184
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By:



Date: 6/23/2006

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer

Jeanne Mc Murrey, Inorg. Tech Director
La Tasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-563-1800.

**Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In**

Plains

Time: 6/15/06 12:45

Lot #: 10F150

Notes: ck

Sample Receipt Checklist

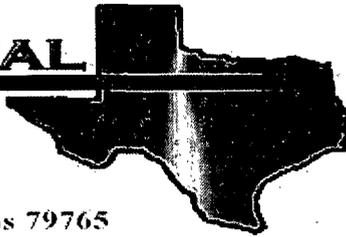
| Temperature of container/cooler? | Yes | No | Q, S | C |
|---|-------------------------------------|----|----------------|---|
| Shipping container/cooler in good condition? | <input checked="" type="checkbox"/> | No | | |
| Study Seals intact on shipping container/cooler? | <input checked="" type="checkbox"/> | No | Not present | |
| Study Seals intact on sample bottles? | <input checked="" type="checkbox"/> | No | Not present | |
| Chain of custody present? | <input checked="" type="checkbox"/> | No | | |
| Sample Instructions complete on Chain of Custody? | <input checked="" type="checkbox"/> | No | | |
| Chain of Custody signed when relinquished and received? | <input checked="" type="checkbox"/> | No | | |
| Chain of custody agrees with sample label(s) | <input checked="" type="checkbox"/> | No | | |
| Container labels legible and intact? | <input checked="" type="checkbox"/> | No | | |
| Sample Matrix and properties same as on chain of custody? | <input checked="" type="checkbox"/> | No | | |
| Samples in proper container/bottle? | <input checked="" type="checkbox"/> | No | | |
| Samples properly preserved? | <input checked="" type="checkbox"/> | No | | |
| Sample bottles intact? | <input checked="" type="checkbox"/> | No | | |
| Observations documented on Chain of Custody? | <input checked="" type="checkbox"/> | No | | |
| Containers documented on Chain of Custody? | <input checked="" type="checkbox"/> | No | | |
| Sufficient sample amount for indicated test? | <input checked="" type="checkbox"/> | No | | |
| Samples received within sufficient hold time? | <input checked="" type="checkbox"/> | No | | |
| Samples have zero headspace? | <input checked="" type="checkbox"/> | No | Not Applicable | |

Other observations:

Contact Person: _____ Variance Documentation: _____
Date/Time: _____ Contacted by: _____
Regarding: _____

Corrective Action Taken:

**E NVIRONMENTAL
LAB OF**



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Camille Reynolds

Plains All American EH & S

1301 S. County Road 1150

Midland, TX 79706-4476

Project: Saunders 8" #4

Project Number: 2004-00184

Location: Lea County, NM

Lab Order Number: 6115015

Report Date: 09/21/06

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Saunders 8" #4
Project Number: 2004-00184
Project Manager: Camille Reynolds

Fax: (432) 687-4914

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|------------------|
| MW-1 | 6I15015-01 | Water | 09/14/06 15:41 | 09-15-2006 13:35 |
| MW-2 | 6I15015-02 | Water | 09/14/06 13:40 | 09-15-2006 13:35 |
| MW-3 | 6I15015-03 | Water | 09/14/06 14:37 | 09-15-2006 13:35 |

Plains All American EH & S
 1301 S. County Road 1150
 Midland TX, 79706-4476

Project: Saunders 8" #4
 Project Number: 2004-00184
 Project Manager: Camille Reynolds

Fax: (432) 687-4914

Organics by GC
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--|--------|-----------------|---------------|----------|---------|----------|----------|-----------|-------|
| MW-1 (6115015-01) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | E161906 | 09/19/06 | 09/20/06 | EPA 8021B | |
| Toluene | ND | 0.00100 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.00100 | " | " | " | " | " | " | |
| Xylene (p/m) | ND | 0.00100 | " | " | " | " | " | " | |
| Xylene (o) | ND | 0.00100 | " | " | " | " | " | " | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | | <i>94.0 %</i> | <i>80-120</i> | | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | <i>81.5 %</i> | <i>80-120</i> | | " | " | " | " | |
| MW-2 (6115015-02) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | E161906 | 09/19/06 | 09/20/06 | EPA 8021B | |
| Toluene | ND | 0.00100 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.00100 | " | " | " | " | " | " | |
| Xylene (p/m) | ND | 0.00100 | " | " | " | " | " | " | |
| Xylene (o) | ND | 0.00100 | " | " | " | " | " | " | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | | <i>107 %</i> | <i>80-120</i> | | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | <i>98.2 %</i> | <i>80-120</i> | | " | " | " | " | |
| MW-3 (6115015-03) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | E161906 | 09/19/06 | 09/20/06 | EPA 8021B | |
| Toluene | ND | 0.00100 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.00100 | " | " | " | " | " | " | |
| Xylene (p/m) | ND | 0.00100 | " | " | " | " | " | " | |
| Xylene (o) | ND | 0.00100 | " | " | " | " | " | " | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | | <i>101 %</i> | <i>80-120</i> | | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | <i>93.8 %</i> | <i>80-120</i> | | " | " | " | " | |

Plains All American EH & S
 1301 S. County Road 1150
 Midland TX, 79706-4476

Project: Saunders 8" #4
 Project Number: 2004-00184
 Project Manager: Camille Reynolds

Fax: (432) 687-4914

Organics by GC - Quality Control
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch EI61906 - EPA 5030C (GC)

Blank (EI61906-BLK1)

Prepared: 09/19/06 Analyzed: 09/20/06

| | | | | | | | | | | |
|-----------------------------------|------|---------|------|------|--|-----|--------|--|--|--|
| Benzene | ND | 0.00100 | mg/L | | | | | | | |
| Toluene | ND | 0.00100 | " | | | | | | | |
| Ethylbenzene | ND | 0.00100 | " | | | | | | | |
| Xylene (p/m) | ND | 0.00100 | " | | | | | | | |
| Xylene (o) | ND | 0.00100 | " | | | | | | | |
| Surrogate: a,a,a-Trifluorotoluene | 41.7 | | ug/l | 40.0 | | 104 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 42.7 | | " | 40.0 | | 107 | 80-120 | | | |

LCS (EI61906-BS1)

Prepared & Analyzed: 09/19/06

| | | | | | | | | | | |
|-----------------------------------|--------|---------|------|--------|--|------|--------|--|--|--|
| Benzene | 0.0553 | 0.00100 | mg/L | 0.0500 | | 111 | 80-120 | | | |
| Toluene | 0.0473 | 0.00100 | " | 0.0500 | | 94.6 | 80-120 | | | |
| Ethylbenzene | 0.0437 | 0.00100 | " | 0.0500 | | 87.4 | 80-120 | | | |
| Xylene (p/m) | 0.105 | 0.00100 | " | 0.100 | | 105 | 80-120 | | | |
| Xylene (o) | 0.0506 | 0.00100 | " | 0.0500 | | 101 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 39.9 | | ug/l | 40.0 | | 99.8 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 36.7 | | " | 40.0 | | 91.8 | 80-120 | | | |

Calibration Check (EI61906-CCV1)

Prepared: 09/19/06 Analyzed: 09/20/06

| | | | | | | | | | | |
|-----------------------------------|--------|--|------|--------|--|------|--------|--|--|--|
| Benzene | 0.0540 | | mg/L | 0.0500 | | 108 | 80-120 | | | |
| Toluene | 0.0482 | | " | 0.0500 | | 96.4 | 80-120 | | | |
| Ethylbenzene | 0.0489 | | " | 0.0500 | | 97.8 | 80-120 | | | |
| Xylene (p/m) | 0.0966 | | " | 0.100 | | 96.6 | 80-120 | | | |
| Xylene (o) | 0.0480 | | " | 0.0500 | | 96.0 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 40.1 | | ug/l | 40.0 | | 100 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 43.3 | | " | 40.0 | | 108 | 80-120 | | | |

Matrix Spike (EI61906-MS1)

Source: 6114005-01

Prepared: 09/19/06 Analyzed: 09/20/06

| | | | | | | | | | | |
|-----------------------------------|--------|---------|------|--------|----|------|--------|--|--|--|
| Benzene | 0.0597 | 0.00100 | mg/L | 0.0500 | ND | 119 | 80-120 | | | |
| Toluene | 0.0503 | 0.00100 | " | 0.0500 | ND | 101 | 80-120 | | | |
| Ethylbenzene | 0.0502 | 0.00100 | " | 0.0500 | ND | 100 | 80-120 | | | |
| Xylene (p/m) | 0.106 | 0.00100 | " | 0.100 | ND | 106 | 80-120 | | | |
| Xylene (o) | 0.0511 | 0.00100 | " | 0.0500 | ND | 102 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 39.8 | | ug/l | 40.0 | | 99.5 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 46.6 | | " | 40.0 | | 116 | 80-120 | | | |

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Saunders 8" #4
Project Number: 2004-00184
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Organics by GC - Quality Control
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|-----------------|-------|-------------|---------------|------|-------------|-------|-----------|-------|
| Batch EI61906 - EPA 5030C (GC) | | | | | | | | | | |
| Matrix Spike Dup (EI61906-MSD1) | | | | | | | | | | |
| Source: 6114005-01 Prepared: 09/19/06 Analyzed: 09/20/06 | | | | | | | | | | |
| Benzene | 0.0580 | 0.00100 | mg/L | 0.0500 | ND | 116 | 80-120 | 2.55 | 20 | |
| Toluene | 0.0510 | 0.00100 | " | 0.0500 | ND | 102 | 80-120 | 0.985 | 20 | |
| Ethylbenzene | 0.0506 | 0.00100 | " | 0.0500 | ND | 101 | 80-120 | 0.995 | 20 | |
| Xylene (p/m) | 0.106 | 0.00100 | " | 0.100 | ND | 106 | 80-120 | 0.00 | 20 | |
| Xylene (o) | 0.0534 | 0.00100 | " | 0.0500 | ND | 107 | 80-120 | 4.78 | 20 | |
| Surrogate: a,a,a-Trifluorotoluene | 40.0 | | ug/l | 40.0 | | 100 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 46.0 | | " | 40.0 | | 115 | 80-120 | | | |

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

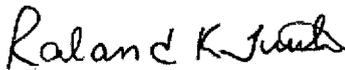
Project: Saunders 8" #4
Project Number: 2004-00184
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By:



Date: 9/21/2006

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer

Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-563-1800.

Environmental Lab of Texas
Variance/ Corrective Action Report- Sample Log-In

Plains

9/15/06 1:35

16E15015

OK

Sample Receipt Checklist

Client Initials

| | Yes | No | | Client Initials |
|---|------------|----|--------------------------|-----------------|
| 1 Temperature of container/ cooler? | | | 4.0 °C | |
| 2 Shipping container in good condition? | <u>Yes</u> | No | | |
| 3 Custody Seals intact on shipping container/ cooler? | <u>Yes</u> | No | Not Present | |
| 4 Custody Seals intact on sample bottles/ container? | <u>Yes</u> | No | Not Present | |
| 5 Chain of Custody present? | <u>Yes</u> | No | | |
| 6 Sample instructions complete of Chain of Custody? | <u>Yes</u> | No | | |
| 7 Chain of Custody signed when relinquished/ received? | <u>Yes</u> | No | | |
| 8 Chain of Custody agrees with sample label(s)? | <u>Yes</u> | No | ID written on Cont./ Lid | |
| 9 Container label(s) legible and intact? | <u>Yes</u> | No | Not Applicable | |
| 10 Sample matrix/ properties agree with Chain of Custody? | <u>Yes</u> | No | | |
| 11 Containers supplied by EL0T? | <u>Yes</u> | No | | |
| 12 Samples in proper container/ bottle? | <u>Yes</u> | No | See Below | |
| 13 Samples properly preserved? | <u>Yes</u> | No | See Below | |
| 14 Sample bottles intact? | <u>Yes</u> | No | | |
| 15 Preservations documented on Chain of Custody? | <u>Yes</u> | No | | |
| 16 Containers documented on Chain of Custody? | <u>Yes</u> | No | | |
| 17 Sufficient sample amount for indicated test(s)? | <u>Yes</u> | No | See Below | |
| 18 All samples received within sufficient hold time? | <u>Yes</u> | No | See Below | |
| 19 VOC samples have zero headspace? | <u>Yes</u> | No | Not Applicable | |

Variance Documentation

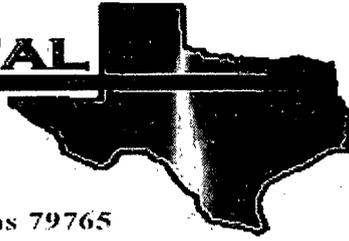
Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken: _____

- Check all that Apply:
- See attached e-mail/ fax
 - Client understands and would like to proceed with analysis
 - Cooling process had begun shortly after sampling event

E NVIRONMENTAL
LAB OF



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Camille Reynolds

Plains All American EH & S

1301 S. County Road 1150

Midland, TX 79706-4476

Project: Saunders 8" #4

Project Number: 2004-00184

Location: Lea County, NM

Lab Order Number: 6L29010

Report Date: 01/02/07

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Saunders 8" #4
Project Number: 2004-00184
Project Manager: Camille Reynolds

Fax: (432) 687-4914

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------------|----------------------|---------------|---------------------|----------------------|
| MW-1 | 6L29010-01 | Water | 12/27/06 14:00 | 12-29-2006 14:00 |
| MW-2 | 6L29010-02 | Water | 12/27/06 15:15 | 12-29-2006 14:00 |
| MW-3 | 6L29010-03 | Water | 12/27/06 16:30 | 12-29-2006 14:00 |

Plains All American EH & S
 1301 S. County Road 1150
 Midland TX, 79706-4476

Project: Saunders 8" #4
 Project Number: 2004-00184
 Project Manager: Camille Reynolds

Fax: (432) 687-4914

Organics by GC
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------------|--------------|-----------------|--------|----------|---------|----------|----------|-----------|-------|
| MW-1 (6L29010-01) Water | | | | | | | | | |
| Benzene | J [0.000725] | 0.00100 | mg/L | 1 | EL63101 | 12/31/06 | 01/01/07 | EPA 8021B | |
| Toluene | J [0.000275] | 0.00100 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.00100 | " | " | " | " | " | " | |
| Xylene (p/m) | ND | 0.00100 | " | " | " | " | " | " | |
| Xylene (o) | ND | 0.00100 | " | " | " | " | " | " | |
| Surrogate: a,a,a-Trifluorotoluene | | 89.8 % | 80-120 | " | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 85.2 % | 80-120 | " | " | " | " | " | |
| MW-2 (6L29010-02) Water | | | | | | | | | |
| Benzene | J [0.000458] | 0.00100 | mg/L | 1 | EL63101 | 12/31/06 | 12/31/06 | EPA 8021B | |
| Toluene | ND | 0.00100 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.00100 | " | " | " | " | " | " | |
| Xylene (p/m) | ND | 0.00100 | " | " | " | " | " | " | |
| Xylene (o) | ND | 0.00100 | " | " | " | " | " | " | |
| Surrogate: a,a,a-Trifluorotoluene | | 95.0 % | 80-120 | " | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 98.2 % | 80-120 | " | " | " | " | " | |
| MW-3 (6L29010-03) Water | | | | | | | | | |
| Benzene | ND | 0.00100 | mg/L | 1 | EL63101 | 12/31/06 | 12/31/06 | EPA 8021B | |
| Toluene | ND | 0.00100 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.00100 | " | " | " | " | " | " | |
| Xylene (p/m) | ND | 0.00100 | " | " | " | " | " | " | |
| Xylene (o) | ND | 0.00100 | " | " | " | " | " | " | |
| Surrogate: a,a,a-Trifluorotoluene | | 100 % | 80-120 | " | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 98.2 % | 80-120 | " | " | " | " | " | |

Plains All American EH & S
 1301 S. County Road 1150
 Midland TX, 79706-4476

Project: Saunders 8" #4
 Project Number: 2004-00184
 Project Manager: Camille Reynolds

Fax: (432) 687-4914

Organics by GC - Quality Control
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch EL63101 - EPA 5030C (GC)

Blank (EL63101-BLK1)

Prepared: 12/31/06 Analyzed: 01/01/07

| | | | | | | | | | | |
|-----------------------------------|------|---------|------|------|--|------|--------|--|--|--|
| Benzene | ND | 0.00100 | mg/L | | | | | | | |
| Toluene | ND | 0.00100 | " | | | | | | | |
| Ethylbenzene | ND | 0.00100 | " | | | | | | | |
| Xylene (p/m) | ND | 0.00100 | " | | | | | | | |
| Xylene (o) | ND | 0.00100 | " | | | | | | | |
| Surrogate: a,a,a-Trifluorotoluene | 36.1 | | ug/l | 40.0 | | 90.2 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 37.0 | | " | 40.0 | | 92.5 | 80-120 | | | |

LCS (EL63101-BS1)

Prepared: 12/31/06 Analyzed: 01/01/07

| | | | | | | | | | | |
|-----------------------------------|--------|---------|------|--------|--|------|--------|--|--|--|
| Benzene | 0.0455 | 0.00100 | mg/L | 0.0500 | | 91.0 | 80-120 | | | |
| Toluene | 0.0472 | 0.00100 | " | 0.0500 | | 94.4 | 80-120 | | | |
| Ethylbenzene | 0.0444 | 0.00100 | " | 0.0500 | | 88.8 | 80-120 | | | |
| Xylene (p/m) | 0.0942 | 0.00100 | " | 0.100 | | 94.2 | 80-120 | | | |
| Xylene (o) | 0.0439 | 0.00100 | " | 0.0500 | | 87.8 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 36.2 | | ug/l | 40.0 | | 90.5 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 43.5 | | " | 40.0 | | 109 | 80-120 | | | |

Calibration Check (EL63101-CCV1)

Prepared: 12/31/06 Analyzed: 01/01/07

| | | | | | | | | | | |
|-----------------------------------|------|--|------|------|--|------|--------|--|--|--|
| Benzene | 48.2 | | ug/l | 50.0 | | 96.4 | 80-120 | | | |
| Toluene | 49.3 | | " | 50.0 | | 98.6 | 80-120 | | | |
| Ethylbenzene | 56.4 | | " | 50.0 | | 113 | 80-120 | | | |
| Xylene (p/m) | 94.8 | | " | 100 | | 94.8 | 80-120 | | | |
| Xylene (o) | 45.3 | | " | 50.0 | | 90.6 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 37.8 | | " | 40.0 | | 94.5 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 44.1 | | " | 40.0 | | 110 | 80-120 | | | |

Matrix Spike (EL63101-MS1)

Source: 6L29005-01

Prepared: 12/31/06 Analyzed: 01/01/07

| | | | | | | | | | | |
|-----------------------------------|--------|---------|------|--------|----|------|--------|--|--|--|
| Benzene | 0.0470 | 0.00100 | mg/L | 0.0500 | ND | 94.0 | 80-120 | | | |
| Toluene | 0.0473 | 0.00100 | " | 0.0500 | ND | 94.6 | 80-120 | | | |
| Ethylbenzene | 0.0502 | 0.00100 | " | 0.0500 | ND | 100 | 80-120 | | | |
| Xylene (p/m) | 0.0959 | 0.00100 | " | 0.100 | ND | 95.9 | 80-120 | | | |
| Xylene (o) | 0.0441 | 0.00100 | " | 0.0500 | ND | 88.2 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 35.7 | | ug/l | 40.0 | | 89.2 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 42.9 | | " | 40.0 | | 107 | 80-120 | | | |

Plains All American EH & S
 1301 S. County Road 1150
 Midland TX, 79706-4476

Project: Saunders 8" #4
 Project Number: 2004-00184
 Project Manager: Camille Reynolds

Fax: (432) 687-4914

Organics by GC - Quality Control
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|---------------------------|-------|--|---------------|------|-------------|------|-----------|-------|
| Batch EL63101 - EPA 5030C (GC) | | | | | | | | | | |
| Matrix Spike Dup (EL63101-MSD1) | | | | | | | | | | |
| | | Source: 6L29005-01 | | Prepared: 12/31/06 Analyzed: 01/01/07 | | | | | | |
| Benzene | 0.0461 | 0.00100 | mg/L | 0.0500 | ND | 92.2 | 80-120 | 1.93 | 20 | |
| Toluene | 0.0485 | 0.00100 | " | 0.0500 | ND | 97.0 | 80-120 | 2.51 | 20 | |
| Ethylbenzene | 0.0527 | 0.00100 | " | 0.0500 | ND | 105 | 80-120 | 4.88 | 20 | |
| Xylene (p/m) | 0.0978 | 0.00100 | " | 0.100 | ND | 97.8 | 80-120 | 1.96 | 20 | |
| Xylene (o) | 0.0458 | 0.00100 | " | 0.0500 | ND | 91.6 | 80-120 | 3.78 | 20 | |
| Surrogate: a,a,a-Trifluorotoluene | 37.3 | | ug/l | 40.0 | | 93.2 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 42.6 | | " | 40.0 | | 106 | 80-120 | | | |

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Saunders 8" #4
Project Number: 2004-00184
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By:

Raland K Tuttle

Date:

1/2/2007

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer

Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

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If you have received this material in error, please notify us immediately at 432-563-1800.

Environmental Lab of Texas
Variance/ Corrective Action Report- Sample Log-In

Client: Plains P/L / Basin Env.
 Date/ Time: 12-29-06 @ 1400
 Lab ID #: 6L29010
 Initials: JMM

Sample Receipt Checklist

Client Initials

| | Yes | No | | |
|--|----------------------------------|-----------------------|--------------------------|----|
| #1 Temperature of container/ cooler? | <input checked="" type="radio"/> | <input type="radio"/> | 0.0 | °C |
| #2 Shipping container in good condition? | <input checked="" type="radio"/> | <input type="radio"/> | | |
| #3 Custody Seals intact on shipping container/ cooler? | <input checked="" type="radio"/> | <input type="radio"/> | Not Present | |
| #4 Custody Seals intact on sample bottles/ container? | <input checked="" type="radio"/> | <input type="radio"/> | Not Present | |
| #5 Chain of Custody present? | <input checked="" type="radio"/> | <input type="radio"/> | | |
| #6 Sample instructions complete of Chain of Custody? | <input checked="" type="radio"/> | <input type="radio"/> | | |
| #7 Chain of Custody signed when relinquished/ received? | <input checked="" type="radio"/> | <input type="radio"/> | | |
| #8 Chain of Custody agrees with sample label(s)? | <input checked="" type="radio"/> | <input type="radio"/> | ID written on Cont./ Lid | |
| #9 Container label(s) legible and intact? | <input checked="" type="radio"/> | <input type="radio"/> | Not Applicable | |
| #10 Sample matrix/ properties agree with Chain of Custody? | <input checked="" type="radio"/> | <input type="radio"/> | | |
| #11 Containers supplied by ELOT? | <input checked="" type="radio"/> | <input type="radio"/> | | |
| #12 Samples in proper container/ bottle? | <input checked="" type="radio"/> | <input type="radio"/> | See Below | |
| #13 Samples properly preserved? | <input checked="" type="radio"/> | <input type="radio"/> | See Below | |
| #14 Sample bottles intact? | <input checked="" type="radio"/> | <input type="radio"/> | | |
| #15 Preservations documented on Chain of Custody? | <input checked="" type="radio"/> | <input type="radio"/> | | |
| #16 Containers documented on Chain of Custody? | <input checked="" type="radio"/> | <input type="radio"/> | | |
| #17 Sufficient sample amount for indicated test(s)? | <input checked="" type="radio"/> | <input type="radio"/> | See Below | |
| #18 All samples received within sufficient hold time? | <input checked="" type="radio"/> | <input type="radio"/> | See Below | |
| #19 Subcontract of sample(s)? | <input checked="" type="radio"/> | <input type="radio"/> | Not Applicable | |
| #20 VOC samples have zero headspace? | <input checked="" type="radio"/> | <input type="radio"/> | Not Applicable | |

Variance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken: _____

- Check all that Apply:
- See attached e-mail/ fax
 - Client understands and would like to proceed with analysis
 - Cooling process had begun shortly after sampling event



APPENDIX B

**RELEASE NOTIFICATION AND
CORRECTIVE ACTION FORM C-141**

District I
1625 F. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

| | | |
|--|---------------------------------|-----------|
| Name of Company Plains Marketing, LP | Contact Camille Reynolds | |
| Address 5805 East Hwy. 80, Midland, TX 79706 | Telephone No. 505-441-0965 | |
| Facility Name Saunders 8" #4 | Facility Type 8" Steel Pipeline | |
| Surface Owner Norman Hahn | Mineral Owner | Lease No. |

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| F | 35 | 13S | 33E | | | | | Lea |

Latitude 33°08'55.6" Longitude 103°35'15.3"

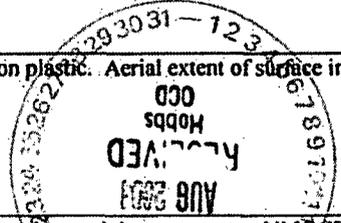
NATURE OF RELEASE

| | | |
|--|--|---|
| Type of Release Crude Oil | Volume of Release 15 barrels | Volume Recovered 0 barrels |
| Source of Release 8" Steel Pipeline | Date and Hour of Occurrence 8-12-04 @ 06:00 | Date and Hour of Discovery 8-12-04 @ 13:45 |
| Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Larry Johnson | |
| By Whom? Camille Reynolds | Date and Hour 8-12-04 @ 19:00 | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* External corrosion of the 8" steel pipeline. A line clamp was installed to mitigate the release. The line is an 8 inch steel transmission pipeline that produces approximately 1,400 barrels of crude per day. The pressure on the line varies from 25 to 30 psi and the gravity of the sweet crude oil is 38-42. The sweet crude has an H₂S content of less than 10 ppm

Describe Area Affected and Cleanup Action Taken.* The impacted soil was excavated and stockpiled on plastic. Aerial extent of surface impact was 7,176 ft².



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

| | | |
|--------------------------------------|----------------------------------|-----------------------------------|
| Signature: <i>Camille Reynolds</i> | OIL CONSERVATION DIVISION | |
| Printed Name: Camille Reynolds | Approved by District Supervisor: | |
| Title: Remediation Coordinator | Approval Date: | Expiration Date: |
| E-mail Address: cjreynolds@paalp.com | Conditions of Approval: | |
| Date: 8-17-04 | Phone: 505-441-0965 | Attached <input type="checkbox"/> |

Attach Additional Sheets If Necessary