

1R - 0457

REPORTS

DATE:

2006



**PLAINS
ALL AMERICAN**

30 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

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:

Frisco Skelly # 1 Section 36, Township 16 South, Range 36 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

Enclosure

cc: Mr. Larry Johnson, NMOCD Hobbs District 1
Mr. Patrick McMahon & City of Lovington

1R0457

Report

2006

2007 FEB 5 PM 12:01

Basin Environmental Service Technologies, LLC

2800 Plains Highway
P. O. Box 301
Lovington, New Mexico 88260
kdutton@basinenv.com
Office: (505) 396-2378 Fax: (505) 396-1429



2006 ANNUAL MONITORING REPORT

**FRISCO-SKELLY # 1
NE ¼ NE ¼ SECTION 36, TOWNSHIP 16 SOUTH, RANGE 36 EAST
LATITUDE 32°, 52', 20.0" NORTH, LONGITUDE 103°, 18', 12.2" WEST
LEA COUNTY, NEW MEXICO
PLAINS SRS NUMBER: 2004-00196
NMOCD REF: 1R-0457**

PREPARED FOR:

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

PREPARED BY:

**BASIN ENVIRONMENTAL SERVICE TECHNOLOGIES, LLC
2800 Plains Highway
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 three (3) consecutive quarters of 2006 at the request of NMOCD and the City of Lovington 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 $\frac{1}{4}$ SE $\frac{1}{4}$ Section 36, Township 16 South, Range 36 East. The site latitude is 32° 52' 20.0" North and the site longitude is 103° 18' 12.2" West. On 20 September 2004, Basin responded to the pipeline release on behalf of Plains to repair the pipeline and excavate the impacted soil. The Frisco-Skelly #1 Pipeline was subsequently de-oiled, cold cut and capped. Approximately 25 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 containing numerous oil production facilities and a refinery to the northeast. The initial visibly surface stained area included the release point covering an area approximately 42 feet long by 44 feet wide. Excavation activities during the emergency response and subsequent remediation of the site covered an area approximately 280 feet long by 190 feet wide and ranges from approximately 18 to 20 feet below ground surface (bgs), respectively. Excavated soil was placed on a 6-mil poly-liner for future remedial action.

Starting in January 2005, Plains and Basin representatives conducted several meetings with Mr. Patrick McMahon, legal counsel for the City of Lovington and Mr. Eddy Seay, Environmental Consultant for the City of Lovington, to discuss the remedial activities conducted to date and various scenarios for the remediation of the Frisco Skelly #1 release site. As part of this process, Plains conducted additional soil investigation activities to delineate the extent of soil impact, installed three (3) groundwater monitor wells to evaluate the potential impact to groundwater, and developed a Remediation Plan based on the results of the soil and groundwater investigation. The Remediation Plan was submitted to and subsequently approved by the NMOCD. The City of Lovington has informed Plains that they are not in agreement with the approved scope of work as outlined in the NMOCD approved Remediation Plan. Therefore, soil remediation activities are currently on hold until this matter can be resolved.

As requested by the City of Lovington and agreed upon by Plains, three (3) groundwater monitoring wells were installed to evaluate the quality of groundwater. During the installation of the three (3) groundwater monitoring wells (April 2006), 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 for the soil samples submitted to the laboratory.

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 20 April 2006, 18 September 2006 and 26 December 2006. During the quarterly sampling events, the monitoring wells, designated to be sampled, were purged of approximately three (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 2C. The groundwater elevation data are provided as Table 1.

The Groundwater Gradient Map, Figure 2C, indicates a general gradient of approximately 0.001 ft/ft. to the south-southwest as measured between groundwater monitor wells MW-3 and MW-2. The corrected groundwater elevation ranged between 3733.72 and 3733.83 feet, in MW-3 and MW-2, 26 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 summary of BTEX constituent concentrations for 2006 is presented in Table 2 and the laboratory reports are provided as Appendix A.

Laboratory results for the three (3) site groundwater samples, obtained during the three (3) sampling periods, indicated that benzene and total BTEX constituent concentrations were not detected above laboratory method detection limits for groundwater monitoring wells MW-1, MW-2 and MW-3, as depicted on Figures 3A through 3C.

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, NMOCD and the City of Lovington requested quarterly groundwater sampling events 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 26 December 2006, indicates a general gradient of approximately 0.001 ft/ft to the south-southwest, as indicated on the Groundwater Gradient Map, Figure 2C.

Laboratory results for the three (3) site groundwater samples, obtained during the three (3) periods, indicated that benzene and BTEX constituent concentrations were not detected above laboratory method detection limits for groundwater monitoring wells MW-1, MW-2 and MW-3.

ANTICIPATED ACTIONS

Plains will continue to keep an open line of communication with Mr. McMahon and the City of Lovington to resolve the backfill issue and once resolution is reached, soil remediation activities will be initiated at the Frisco Skelly site. Continued quarterly groundwater sampling events will be conducted in 2007.

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

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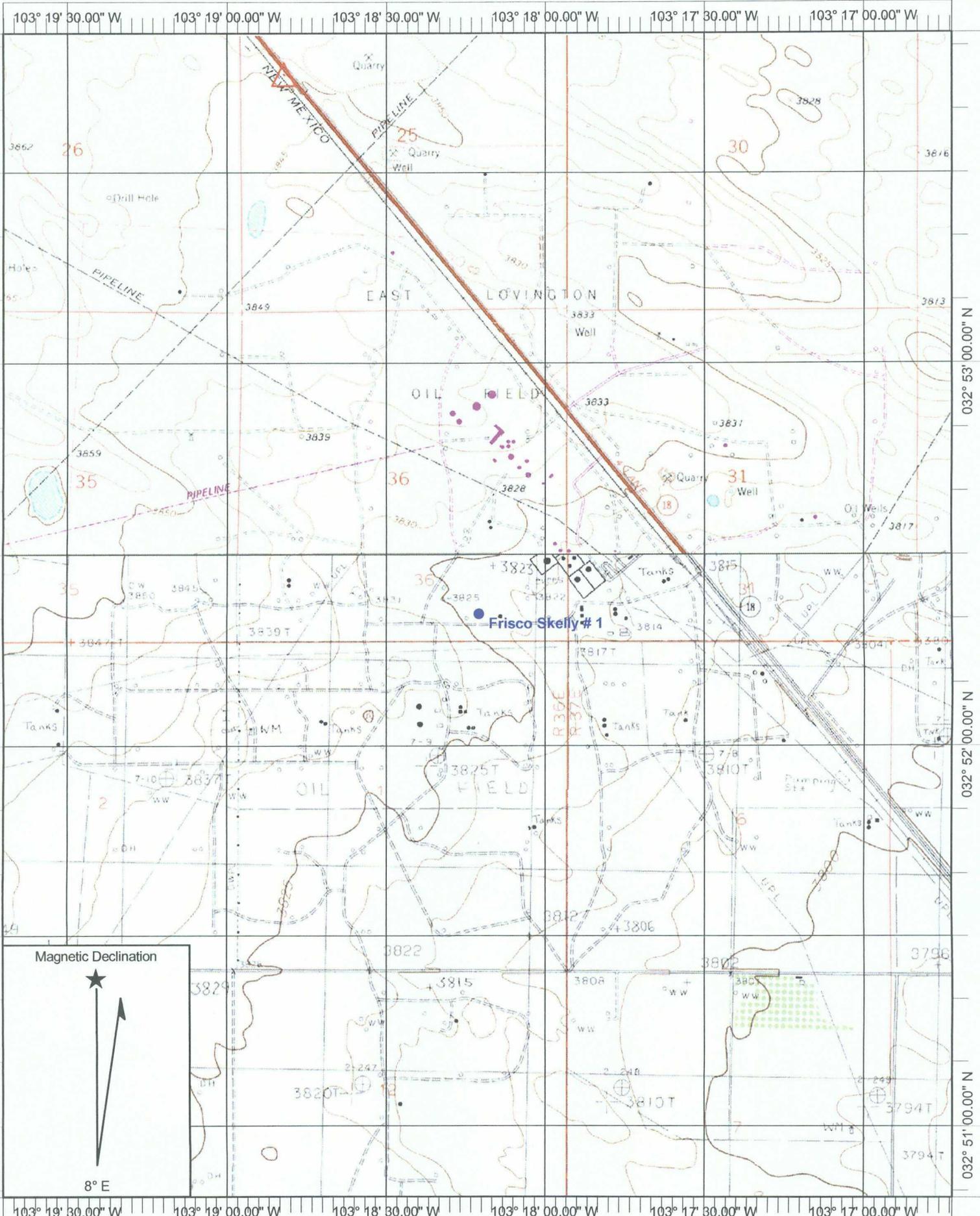
Copy Number: 1



FIGURES



FIGURE 1
SITE LOCATION MAP



Name: LOVINGTON SE
 Date: 1/30/2007
 Scale: 1 inch equals 2000 feet

Location: 032° 52' 20.54" N 103° 18' 12.87" W NAD 27
 Caption: Figure 1, Site Location Map
 Plains Marketing, L. P.
 Frisco Skelly # 1 Site



FIGURE 2A
INFERRED GROUNDWATER
GRADIENT MAP –
20 APRIL 2006

Plains Marketing, L.P.
 Frisco Skelly # 1
 NE/NE S36, T16S, R36E
 Lea County, NM
 Plains SRS: 2004-00196

Excavated Material

Excavated Material

Excavated Material

Excavated Material

3734.40

(3734.56)
 MW-1

3734.50

135 feet

12 feet Bench

SB-7

SB-5

SB-1

SB-2

SB-8

SB-2

SB-11

SB-3

SB-9

SB-10

Bench

48 feet

3734.60

(3734.67)
 MW-3

Pure Resources 1600 PSI Injection Line

Navajo 10-Inch 300 PSI Gas Line

105 feet

0.0003 ft/ft

190 feet

280 feet

(3734.76)
 MW-2

Pure Resources Flow-Line

Caliche Lease Road

3734.70

Legend

- Soil Borings
- Monitor Wells (3733) Elevation In Feet

DESCRIPTION

Figure 2A
 Inferred Groundwater Gradient Map
 20 April 2006

FIGURE 2B

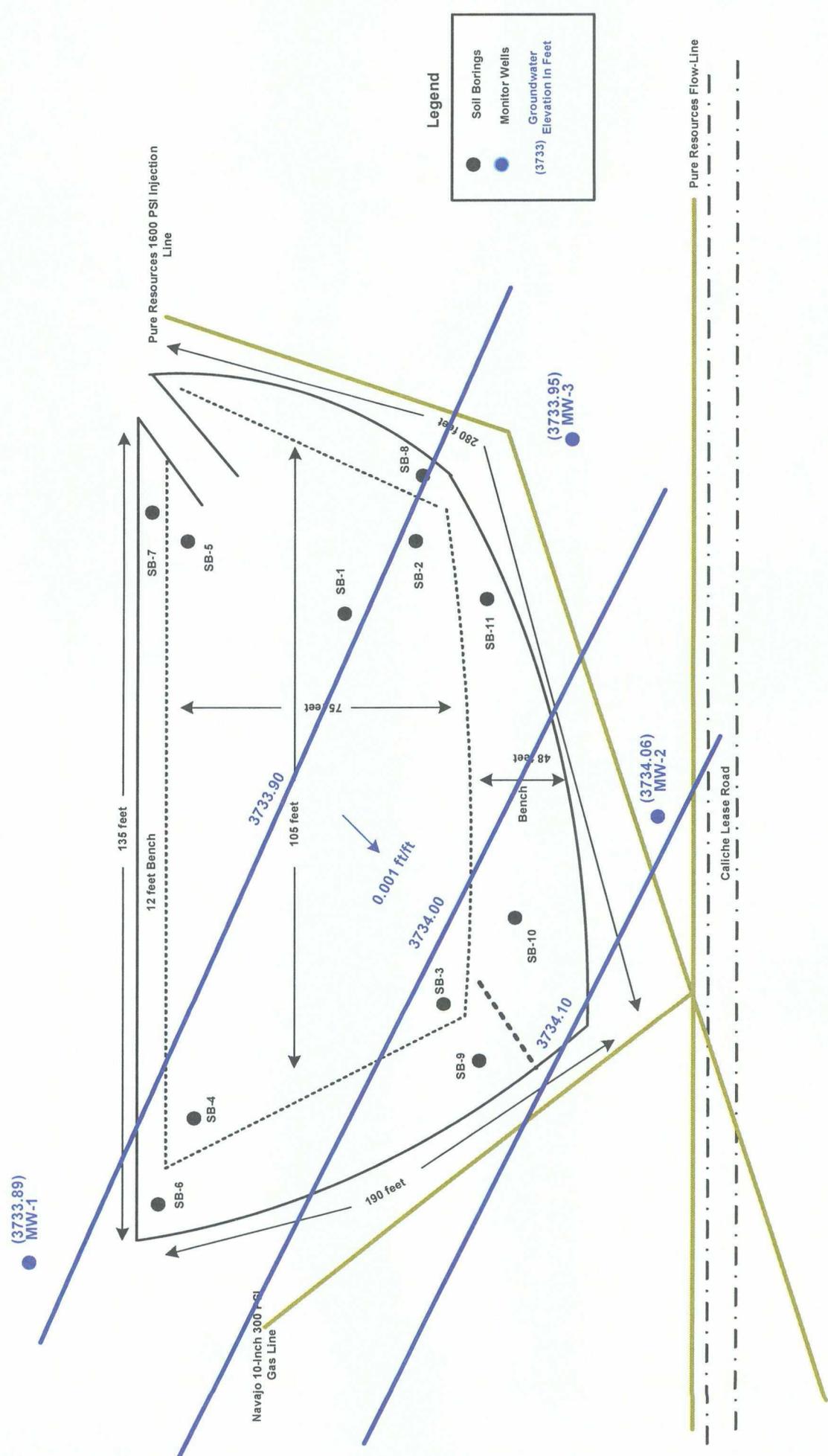
**INFERRED GROUNDWATER
GRADIENT MAP –
18 SEPTEMBER 2006**

Plains Marketing, L.P.
 Frisco Skelly # 1
 NE/NE S36, T16S, R36E
 Lea County, NM
 Plains SRS: 2004-00196

Excavated Material

Excavated Material

Excavated Material



DESCRIPTION
 Figure 2B
 Inferred Groundwater Gradient Map
 18 September 2006



FIGURE 2C

**INFERRED GROUNDWATER
GRADIENT MAP –
26 DECEMBER 2006**

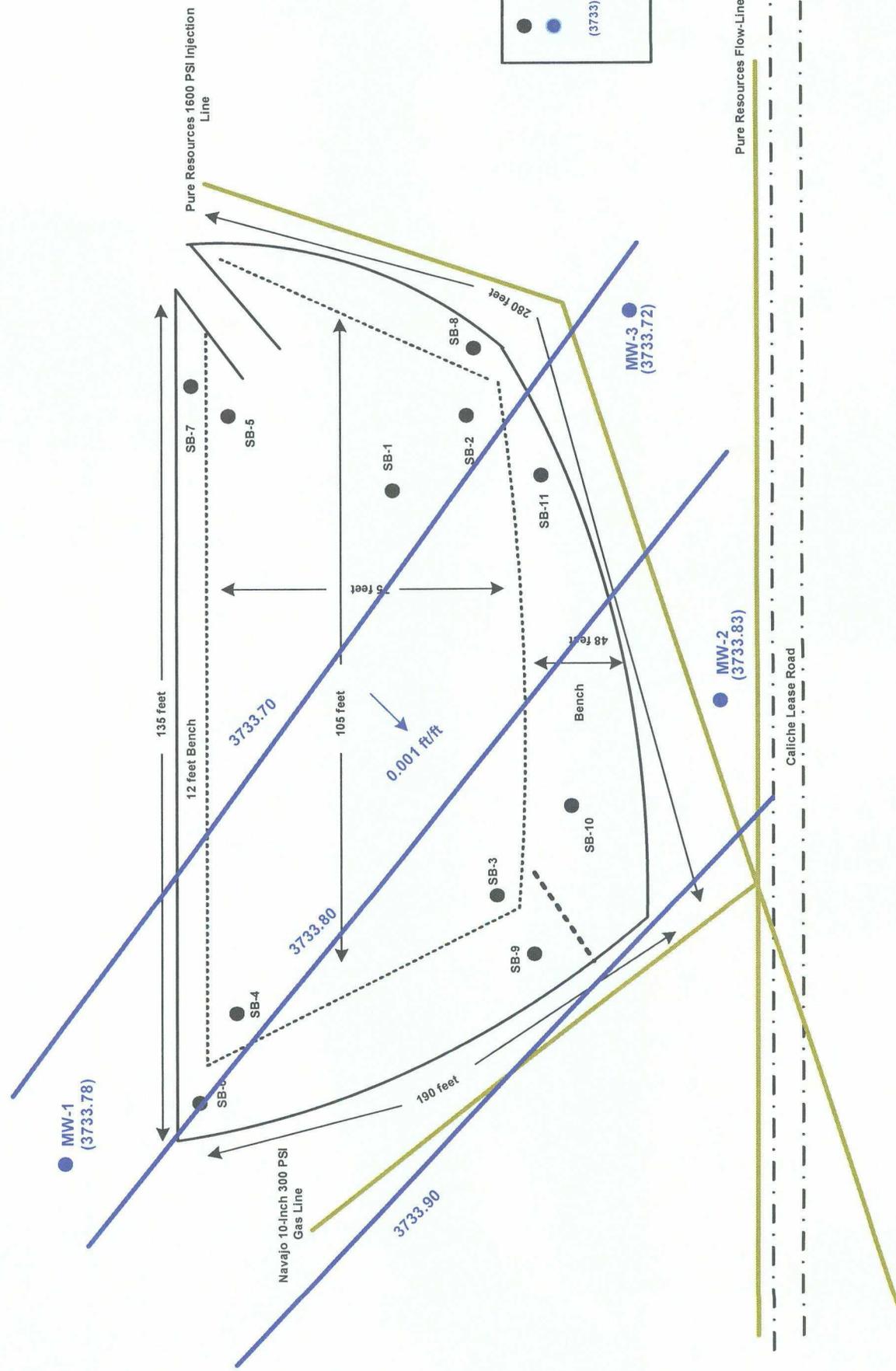
Plains Marketing, L.P.
 Frisco Skelly # 1
 NE/NE S36, T16S, R36E
 Lea County, NM
 Plains SRS: 2004-00196

Excavated Material

Excavated Material

Excavated Material

Excavated Material



DESCRIPTION
 Figure 2C
 Inferred Groundwater Gradient Map
 26 December 2006

FIGURE 3A
GROUNDWATER CONCENTRATION
MAP – 20 APRIL 2006

Plains Marketing, L.P.
 Frisco Skelly # 1
 NE/NE S36, T16S, R36E
 Lea County, NM
 Plains SRs: 2004-00196

Excavated Material

Excavated Material

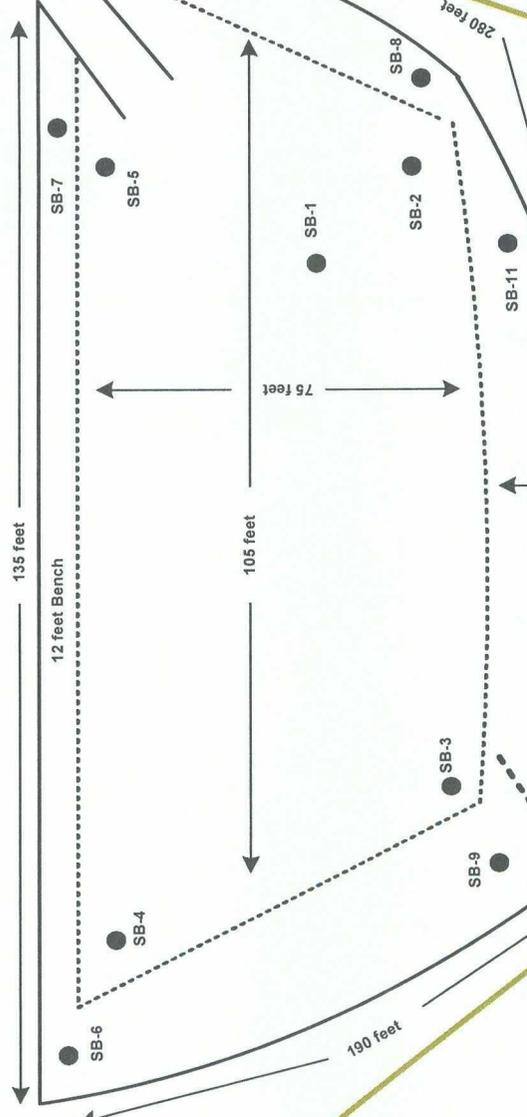
Excavated Material

Excavated Material

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

Pure Resources 1600 PSI Injection Line

Navajo 10-Inch 300 PSI Gas Line



Legend

- Soil Borings
- Monitor Wells
- mg/L = milligrams per liter
- B - Benzene
- T - Toluene
- E - Ethylbenzene
- X - Xylenes

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

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

Pure Resources Flow-Line

Calliche Lease Road

DESCRIPTION

Figure 3A
 Groundwater Concentration Map
 20 April 2006



FIGURE 3B
GROUNDWATER CONCENTRATION
MAP –
18 SEPTEMBER 2006

Plains Marketing, L.P.
 Frisco Skelly # 1
 NE/NE S36, T16S, R36E
 Lea County, NM
 Plains SRS: 2004-00196

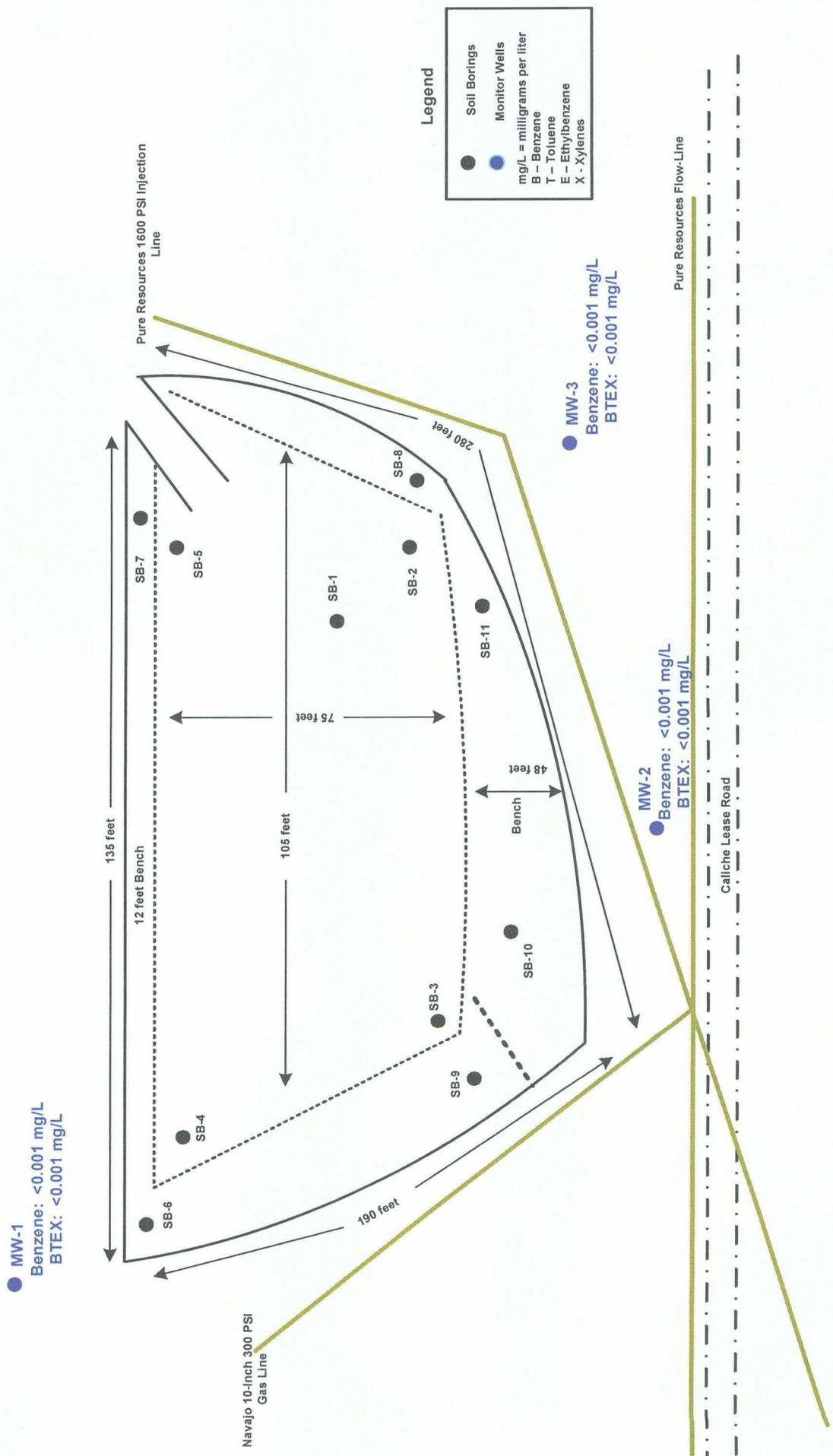


Excavated Material

Excavated Material

Excavated Material

Excavated Material



DESCRIPTION

Figure 3B
 Groundwater Concentration Map
 18 September 2006



FIGURE 3C
GROUNDWATER CONCENTRATION
MAP –
26 DECEMBER 2006

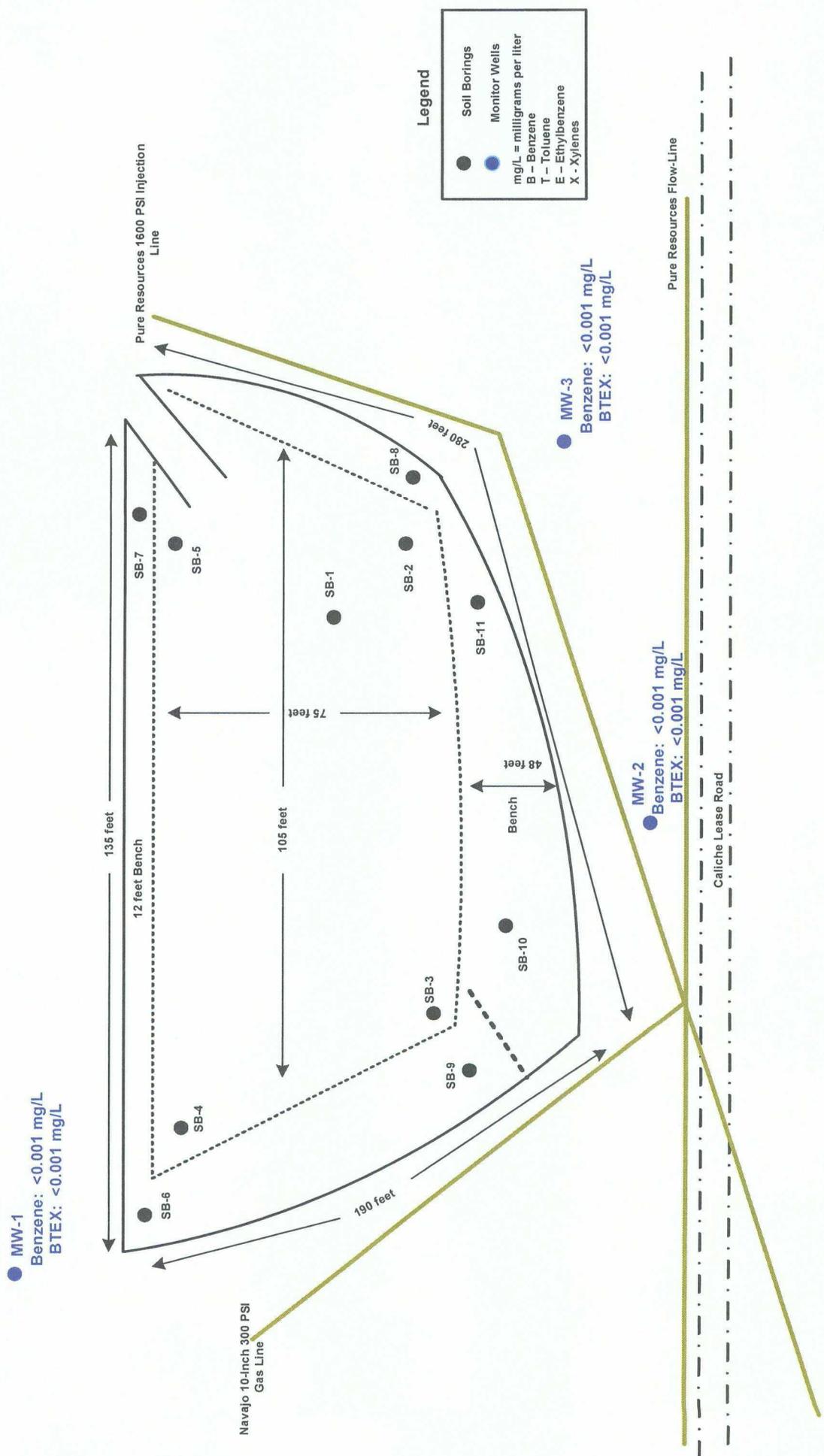
Plains Marketing, L.P.
 Frisco Skelly # 1
 NE/NE S36, T16S, R36E
 Lea County, NM
 Plains SRS: 2004-00196

Excavated Material

Excavated Material

Excavated Material

Excavated Material



DESCRIPTION

Figure 3C
 Groundwater Concentration Map
 26 December 2006



TABLES



TABLE 1
GROUNDWATER ELEVATION DATA

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 FRISCO-SKELLY # 1
 LEA COUNTY, NEW MEXICO
 PLAINS SRS NO. 2004-00196

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	04/20/06	3,823.92	-	89.36	0.00	3,734.56
	09/18/06	3,823.92	-	90.03	0.00	3,733.89
	12/26/06	3,823.92	-	90.14	0.00	3,733.78
MW - 2	04/20/06	3,823.96	-	89.20	0.00	3,734.76
	09/18/06	3,823.96	-	89.90	0.00	3,734.06
	12/26/06	3,823.96	-	90.13	0.00	3,733.83
MW - 3	04/20/06	3,823.30	-	88.63	0.00	3,734.67
	09/18/06	3,823.30	-	89.35	0.00	3,733.95
	12/26/06	3,823.30	-	89.58	0.00	3,733.72

TABLE 2

**CONCENTRATIONS OF BENZENE
AND BTEX IN GROUNDWATER**

TABLE 2

CONCENTRATIONS OF BENZENE & BTEX

PLAINS MARKETING, L.P.
FRISCO SKELLY
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2004-00196

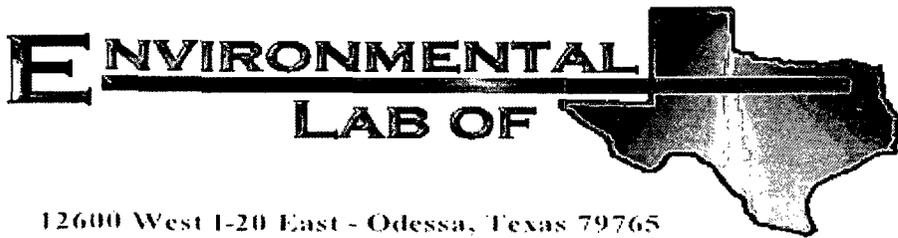
SAMPLE LOCATION	SAMPLE DATE	METHODS: EPA SW 846-8021B, 5030				
		BENZENE (mg/L)	THOluENE (mg/L)	ETHYL-BENZENE (mg/L)	M,P-XYLENES (mg/L)	O-XYLENES (mg/L)
MW-1	04/20/06	<0.001	<0.001	<0.001	<0.001	<0.001
	09/18/06	<0.001	<0.001	<0.001	<0.001	<0.001
	12/26/06	<0.001	<0.001	<0.001	<0.001	<0.001
MW-2	04/20/06	<0.001	<0.001	<0.001	<0.001	<0.001
	09/18/06	<0.001	<0.001	<0.001	<0.001	<0.001
	12/26/06	<0.001	<0.001	<0.001	<0.001	<0.001
MW-3	04/20/06	<0.001	<0.001	<0.001	<0.001	<0.001
	09/18/06	<0.001	<0.001	<0.001	<0.001	<0.001
	12/26/06	<0.001	<0.001	<0.001	<0.001	<0.001



APPENDICES



APPENDIX A
LABORATORY REPORTS



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: Frisco Skelly

Project Number: 2004-00196

Location: Lea County, NM

Lab Order Number: 6L29005

Report Date: 01/02/07

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

Project: Frisco Skelly
Project Number: 2004-00196
Project Manager: Camille Reynolds

Fax: (432) 687-4914

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	6L29005-01	Water	12/26/06 09:00	12-29-2006 14:00
MW-2	6L29005-02	Water	12/26/06 10:15	12-29-2006 14:00
MW-3	6L29005-03	Water	12/26/06 11:25	12-29-2006 14:00

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

Project: Frisco Skelly
 Project Number: 2004-00196
 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 (6L29005-01) 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	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		<i>101 %</i>	<i>80-120</i>		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>88.2 %</i>	<i>80-120</i>		"	"	"	"	
MW-2 (6L29005-02) 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	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		<i>98.0 %</i>	<i>80-120</i>		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>110 %</i>	<i>80-120</i>		"	"	"	"	
MW-3 (6L29005-03) 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	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		<i>99.0 %</i>	<i>80-120</i>		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>90.5 %</i>	<i>80-120</i>		"	"	"	"	

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

Project: Frisco Skelly
 Project Number: 2004-00196
 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			

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

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

Project: Frisco Skelly,
 Project Number: 2004-00196
 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: <i>a,a,a</i> -Trifluorotoluene	37.3		ug/l	40.0		93.2	80-120			
Surrogate: <i>4</i> -Bromofluorobenzene	42.6		"	40.0		106	80-120			

Plains All American EH & S
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Midland TX, 79706-4476

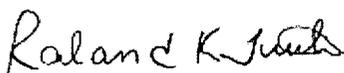
Project: Frisco Skelly
Project Number: 2004-00196
Project Manager: Camille Reynolds

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: 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 #: 6L29005
 Initials: JMM

Sample Receipt Checklist

Client Initials

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

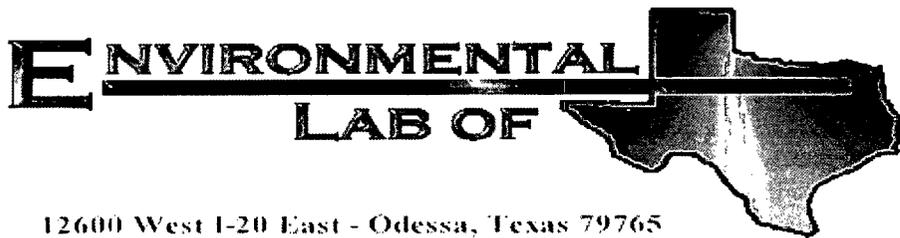
Variance Documentation

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



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: Frisco Skelly

Project Number: 2004-00196

Location: Lea County, NM

Lab Order Number: 6122009

Report Date: 09/29/06

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

Project: Frisco Skelly
Project Number: 2004-00196
Project Manager: Camille Reynolds

Fax: (432) 687-4914

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	6122009-01	Water	09/18/06 12:00	09-22-2006 11:30
MW-2	6122009-02	Water	09/18/06 09:59	09-22-2006 11:30
MW-3	6122009-03	Water	09/18/06 10:49	09-22-2006 11:30

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

Project: Frisco Skelly
 Project Number: 2004-00196
 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 (6122009-01) Water									
Benzene	ND	0.00100	mg/L	1	E162607	09/26/06	09/27/06	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>		98.0 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		106 %	80-120		"	"	"	"	
MW-2 (6122009-02) Water									
Benzene	ND	0.00100	mg/L	1	E162607	09/26/06	09/27/06	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>		91.0 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.8 %	80-120		"	"	"	"	
MW-3 (6122009-03) Water									
Benzene	ND	0.00100	mg/L	1	E162607	09/26/06	09/27/06	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>		87.2 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		86.2 %	80-120		"	"	"	"	

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

Project: Frisco Skelly
 Project Number: 2004-00196
 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
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Batch EI62607 - EPA 5030C (GC)

Blank (EI62607-BLK1)

Prepared & Analyzed: 09/26/06

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	42.5		ug/l	40.0		106	80-120			
Surrogate: 4-Bromofluorobenzene	46.9		"	40.0		117	80-120			

LCS (EI62607-BS1)

Prepared & Analyzed: 09/26/06

Benzene	0.0556	0.00100	mg/L	0.0500		111	80-120			
Toluene	0.0472	0.00100	"	0.0500		94.4	80-120			
Ethylbenzene	0.0422	0.00100	"	0.0500		84.4	80-120			
Xylene (p/m)	0.0914	0.00100	"	0.100		91.4	80-120			
Xylene (o)	0.0442	0.00100	"	0.0500		88.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	37.8		ug/l	40.0		94.5	80-120			
Surrogate: 4-Bromofluorobenzene	45.7		"	40.0		114	80-120			

Calibration Check (EI62607-CCV1)

Prepared: 09/26/06 Analyzed: 09/27/06

Benzene	54.2		ug/l	50.0		108	80-120			
Toluene	47.3		"	50.0		94.6	80-120			
Ethylbenzene	46.3		"	50.0		92.6	80-120			
Xylene (p/m)	90.9		"	100		90.9	80-120			
Xylene (o)	44.3		"	50.0		88.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	43.1		"	40.0		108	80-120			
Surrogate: 4-Bromofluorobenzene	45.0		"	40.0		112	80-120			

Matrix Spike (EI62607-MS1)

Source: 6122006-04

Prepared: 09/26/06 Analyzed: 09/27/06

Benzene	0.0455	0.00100	mg/L	0.0500	ND	91.0	80-120			
Toluene	0.0405	0.00100	"	0.0500	ND	81.0	80-120			
Ethylbenzene	0.0466	0.00100	"	0.0500	ND	93.2	80-120			
Xylene (p/m)	0.0805	0.00100	"	0.100	ND	80.5	80-120			
Xylene (o)	0.0412	0.00100	"	0.0500	ND	82.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	33.3		ug/l	40.0		83.2	80-120			
Surrogate: 4-Bromofluorobenzene	41.6		"	40.0		104	80-120			

Environmental Lab of Texas

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

Project: Frisco Skelly
 Project Number: 2004-00196
 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 E162607 - EPA 5030C (GC)										
Matrix Spike Dup (E162607-MSD1)		Source: 6122006-04			Prepared: 09/26/06	Analyzed: 09/27/06				
Benzene	0.0528	0.00100	mg/L	0.0500	ND	106	80-120	15.2	20	
Toluene	0.0483	0.00100	"	0.0500	ND	96.6	80-120	17.6	20	
Ethylbenzene	0.0453	0.00100	"	0.0500	ND	90.6	80-120	2.83	20	
Xylene (p/m)	0.0938	0.00100	"	0.100	ND	93.8	80-120	15.3	20	
Xylene (o)	0.0454	0.00100	"	0.0500	ND	90.8	80-120	9.70	20	
Surrogate: a,a,a-Trifluorotoluene	32.2		ug/l	40.0		80.5	80-120			
Surrogate: 4-Bromofluorobenzene	36.4		"	40.0		91.0	80-120			

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

Project: Frisco Skelly
Project Number: 2004-00196
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: 9/29/2006

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.

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

Project Manager: Ken Dutton

Company Name: Basin Environmental Service Technologies, LLC

Company Address: P. O. Box 301

City/State/Zip: Lovington, NIM 88260

Telephone No: (505) 441-2124

Sampler Signature: *Ken Dutton*

Fax No: (505) 396-1429

e-mail: k.dutton@basineny.com

Project Name: Frisco-Skelly

Project #: 2004-00196

Project Loc: Lea County, NIM

PO #: PAA/C. Reynolds

Report Format: Standard TRRP NPDES

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	No. of Containers	Preservation & # of Containers							Matrix	Analyze For:
							Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ O ₂	None		
	MW-1	N/A	N/A	18-Sep-06	1200	2	X	X	X				GW	TPH: 418.1 8045M 1005 1008 Cations (Ca, Mg, Na, K) Anions (Cl, SO ₄ , CO ₃ , HCO ₃) SAR / ESP / CEC Metals: As Ag Ba Cd Cr Pb Hg Se Volatiles Semivolatiles BTEX 8021B/5030 or BTEX 8260	
	MW-2	N/A	N/A	18-Sep-06	959	2	X	X	X				GW	Chlorides (EPA 300.0) N.O.R.M. RCl	
	MW-3	N/A	N/A	18-Sep-06	1049	2	X	X	X				GW	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs Standard TAT	

Special Instructions:

Relinquished by: *Ken Dutton* Date: 20 Sep 06 Time: 17:45 Received by: *John Blackwood* Date: 18 Sep 06 Time: 17:45

Relinquished by: *John Blackwood* Date: 18 Sep 06 Time: 11:30 Received by: *Ken Dutton* Date: 18 Sep 06 Time: 11:30

Relinquished by: *John Blackwood* Date: 18 Sep 06 Time: 11:30 Received by: *Ken Dutton* Date: 18 Sep 06 Time: 11:30

Laboratory Comments:
 Sample Containers Intact? N N N N N N
 VOCs Free of Headspace? N N N N N N
 Custody seals on container(s) N N N N N N
 Custody seals on cooler(s) N N N N N N
 Sample Hand Delivered by Sampler/Client Rep? N N N N N N
 by Carrier? UPS DHL FedEx Lote Star

Temperature Upon Receipt: 1.5 °C

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

Client: Plains
 Date/Time: 9/22/06 11:30
 Job ID #: 6122009
 Initials: CR

Sample Receipt Checklist

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

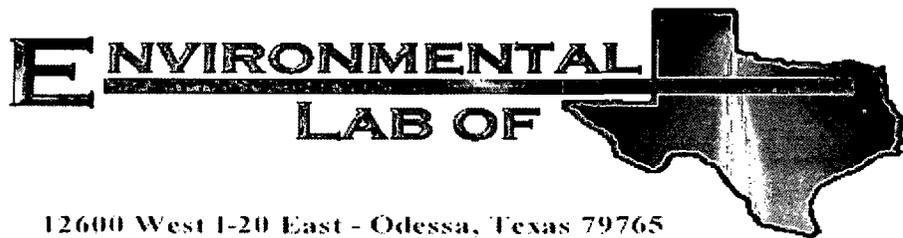
Variance Documentation

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



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: Frisco Skelly

Project Number: 2004-00196

Location: Lea Co., NM

Lab Order Number: 6D21005

Report Date: 04/28/06

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

Project: Frisco Skelly
Project Number: 2004-00196
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
04/28/06 12:34

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	6D21005-01	Water	04/20/06 09:35	04/21/06 13:10
MW-2	6D21005-02	Water	04/20/06 10:50	04/21/06 13:10
MW-3	6D21005-03	Water	04/20/06 12:50	04/21/06 13:10

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

Project: Frisco Skelly
 Project Number: 2004-00196
 Project Manager: Camille Reynolds

Fax: (432) 687-4914
 Reported:
 04/28/06 12:34

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (6D21005-01) Water									
Benzene	ND	0.00500	mg/L	5	ED62607	04/26/06	04/27/06	EPA 8021B	
Toluene	ND	0.00500	"	"	"	"	"	"	
Ethylbenzene	ND	0.00500	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00500	"	"	"	"	"	"	
Xylene (o)	ND	0.00500	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		92.5 %	80-120	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		95.0 %	80-120	"	"	"	"	"	
MW-2 (6D21005-02) Water									
Benzene	ND	0.00100	mg/L	1	ED62607	04/26/06	04/26/06	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>		102 %	80-120	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		106 %	80-120	"	"	"	"	"	
MW-3 (6D21005-03) Water									
Benzene	ND	0.00100	mg/L	1	ED62607	04/26/06	04/27/06	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>		95.8 %	80-120	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.8 %	80-120	"	"	"	"	"	

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

Project: Frisco Skelly
 Project Number: 2004-00196
 Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
 04/28/06 12:34

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 ED62607 - EPA 5030C (GC)

Blank (ED62607-BLK1)

Prepared & Analyzed: 04/26/06

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	39.1		ug/l	40.0		97.8	80-120			
Surrogate: 4-Bromofluorobenzene	41.4		"	40.0		104	80-120			

LCS (ED62607-BS1)

Prepared & Analyzed: 04/26/06

Benzene	0.0503	0.00100	mg/L	0.0502		100	80-120			
Toluene	0.0550	0.00100	"	0.0502		110	80-120			
Ethylbenzene	0.0584	0.00100	"	0.0502		116	80-120			
Xylene (p/m)	0.120	0.00100	"	0.100		120	80-120			
Xylene (o)	0.0582	0.00100	"	0.0502		116	80-120			
Surrogate: a,a,a-Trifluorotoluene	42.9		ug/l	40.0		107	80-120			
Surrogate: 4-Bromofluorobenzene	47.2		"	40.0		118	80-120			

Calibration Check (ED62607-CCV1)

Prepared: 04/26/06 Analyzed: 04/27/06

Benzene	57.8		ug/l	50.0		116	80-120			
Toluene	56.3		"	50.0		113	80-120			
Ethylbenzene	58.2		"	50.0		116	80-120			
Xylene (p/m)	118		"	100		118	80-120			
Xylene (o)	58.8		"	50.0		118	80-120			
Surrogate: a,a,a-Trifluorotoluene	35.5		"	40.0		88.8	80-120			
Surrogate: 4-Bromofluorobenzene	36.6		"	40.0		91.5	80-120			

Matrix Spike (ED62607-MS1)

Source: 6D20008-01

Prepared: 04/26/06 Analyzed: 04/27/06

Benzene	0.0595	0.00100	mg/L	0.0502	ND	119	80-120			
Toluene	0.0573	0.00100	"	0.0502	ND	114	80-120			
Ethylbenzene	0.0559	0.00100	"	0.0502	ND	111	80-120			
Xylene (p/m)	0.120	0.00100	"	0.100	ND	120	80-120			
Xylene (o)	0.0582	0.00100	"	0.0502	ND	116	80-120			
Surrogate: a,a,a-Trifluorotoluene	37.1		ug/l	40.0		92.8	80-120			
Surrogate: 4-Bromofluorobenzene	40.0		"	40.0		100	80-120			

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

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

Project: Frisco Skelly
Project Number: 2004-00196
Project Manager: Camille Reynolds

Fax: (432) 687-4914
Reported:
04/28/06 12:34

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
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Batch ED62607 - EPA 5030C (GC)

Matrix Spike Dup (ED62607-MSD1)

Source: 6D20008-01

Prepared: 04/26/06 Analyzed: 04/27/06

Benzene	0.0600	0.00100	mg/L	0.0502	ND	120	80-120	0.837	20	
Toluene	0.0579	0.00100	"	0.0502	ND	115	80-120	0.873	20	
Ethylbenzene	0.0590	0.00100	"	0.0502	ND	118	80-120	6.11	20	
Xylene (p/m)	0.120	0.00100	"	0.100	ND	120	80-120	0.00	20	
Xylene (o)	0.0584	0.00100	"	0.0502	ND	116	80-120	0.00	20	
Surrogate: a,a,a-Trifluorotoluene	41.9		ug/l	40.0		105	80-120			
Surrogate: 4-Bromofluorobenzene	42.5		"	40.0		106	80-120			

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Reported:
04/28/06 12:34

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:

4/28/2006

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 P/L

Time: 04-21-06 @ 1310

6D 21005

By: JMM

Sample Receipt Checklist

Temperature of container/cooler?	<input checked="" type="checkbox"/> Yes	No	2.0	C
Shipping container/cooler in good condition?	<input checked="" type="checkbox"/> Yes	No		
Shipping Seals intact on shipping container/cooler?	<input checked="" type="checkbox"/> Yes	No	Not present	
Shipping Seals intact on sample bottles?	<input checked="" type="checkbox"/> Yes	No	Not present	
Chain of custody present?	<input checked="" type="checkbox"/> Yes	No		
Sample Instructions complete on Chain of Custody?	<input checked="" type="checkbox"/> Yes	No		
Chain of Custody signed when relinquished and received?	<input checked="" type="checkbox"/> Yes	No		
Chain of custody agrees with sample label(s)	<input checked="" type="checkbox"/> Yes	No		
Container labels legible and intact?	<input checked="" type="checkbox"/> Yes	No		
Sample Matrix and properties same as on chain of custody?	<input checked="" type="checkbox"/> Yes	No		
Samples in proper container/bottle?	<input checked="" type="checkbox"/> Yes	No		
Samples properly preserved?	<input checked="" type="checkbox"/> Yes	No		
Sample bottles intact?	<input checked="" type="checkbox"/> Yes	No		
Observations documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	No		
Containers documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	No		
Sufficient sample amount for indicated test?	<input checked="" type="checkbox"/> Yes	No		
Samples received within sufficient hold time?	<input checked="" type="checkbox"/> Yes	No		
Samples have zero headspace?	<input checked="" type="checkbox"/> Yes	No	Not Applicable	

Other observations:

Variance Documentation:

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

Regarding: _____

Corrective Action Taken:



APPENDIX B

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

State of New Mexico
Energy Minerals and Natural Resources

Form C-141
Revised October 10, 2003

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

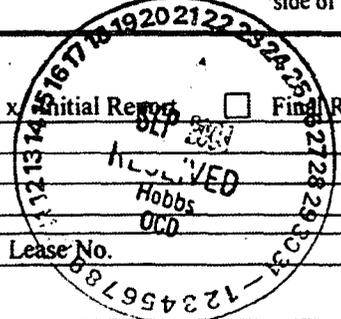
Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

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 Frisco Skelly #1	Facility Type 4" Steel Pipeline
Surface Owner City of Lovington	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
P	36	16S	36E					Lca

Latitude 32° 52'20.0" Longitude 103° 18'12.2"

NATURE OF RELEASE

Type of Release Crude Oil	Volume of Release 25 barrels	Volume Recovered 0 barrels
Source of Release 4" Steel Pipeline	Date and Hour of Occurrence 9-20-04 @ 08:45	Date and Hour of Discovery 9-20-04 @ 9:00
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 9-20-04 @ 15:10	
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 4" steel pipeline. A line clamp was installed to mitigate the release. The line is a 4 inch steel transmission pipeline that produces approximately 20 to 30 barrels of crude oil per day. The pressure on the line is 28 psi and the gravity of the sweet crude oil is 39. The sweet crude has an H₂S content of <10 ppm

Describe Area Affected and Cleanup Action Taken.* The impacted soil was excavated and stockpiled on plastic. Aerial extent of surface impact was 1,848 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: 9-22-04 Phone: 505-441-0965	Attached <input type="checkbox"/>	

Attach Additional Sheets If Necessary