1R-457

Annual GW Mon. REPORTS

DATE: 2007

Basin Environmental Service Technologies,

2800 Plains Highway
P. O. Box 301
Lovington, New Mexico 88260
kdutton@basinenv.com

Office: (505) 396-2378

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2007 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

February 2008

Ken Dutton Project Manager

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RECEIVED

-2008 MAR 25 AM 7 26

14 March 2008

Mr. Ed Hansen New Mexico Energy, Minerals and Natural Resources Department 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. Hansen:

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

Eymolds

Mr. Patrick McMahon & City of Lovington

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 2007 only. Additional soil related 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 four (4) consecutive quarters of 2007 at the request of NMOCD and the City of Lovington to monitor the groundwater for 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 SE½ SE½ 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 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 were not conducted in 2006 and through September of 2007. In June 2007, Basin, on behalf of Plains, submitted a Remediation Status Update to the City of Lovington, which was subsequently

approved. In September 2007, soil remediation activities were initiated as outlined in the City of Lovington approved Remediation Status Update plan. Currently, there are approximately 3000 cubic yards of soil remaining to be backfilled, which will complete the soil remediation activities and allow soil closure at the Frisco-Skelly crude oil release site.

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 15 March 2007, 30 May 2007, 24 September 2007 and 29 November 2007. 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 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 south-southwest as measured between groundwater monitor wells MW-3 and MW-2. The corrected groundwater elevation ranged between 3732.30 and 3732.45 feet, in MW-3 and MW-2, 29 November 2007, 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 2007 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 four (4) quarterly sampling periods, indicated that benzene and total BTEX constituent concentrations

were either not detected above laboratory method detection limits or were significantly below NMOCD thresholds 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, 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 29 November 2007, indicates a general gradient of approximately 0.002 ft/ft to the south-southwest, as indicated on the Groundwater Gradient Map, Figure 2D.

Laboratory results for the three (3) site groundwater samples, obtained during the four (4) quarterly sampling periods, indicated that benzene and BTEX constituent concentrations were either not detected above laboratory method detection limits or were significantly below NMOCD thresholds for groundwater monitoring wells MW-1, MW-2 and MW-3.

ANTICIPATED ACTIONS

Based on the laboratory results of the previous seven (7) consecutive quarterly groundwater monitoring events for the three (3) site groundwater monitoring wells, Plains proposes to conduct one (1) sampling event in the 1st quarter of 2008 and if the laboratory results indicate the groundwater samples are below NMOCD thresholds, a request to cease quarterly sampling and plugging and abandoning the three (3) groundwater monitoring wells will be submitted to NMOCD. Additionally, while conducting the 1st quarter 2008, groundwater monitoring event, analysis for chlorides for the three (3) groundwater monitoring wells will be accomplished as requested by NMOCD, Santa Fe. Approximately 3000 cubic yards of soil remaining on-site will be utilized as backfill, which will terminate the soil remediation activities at the Frisco-Skelly crude oil release site.

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.

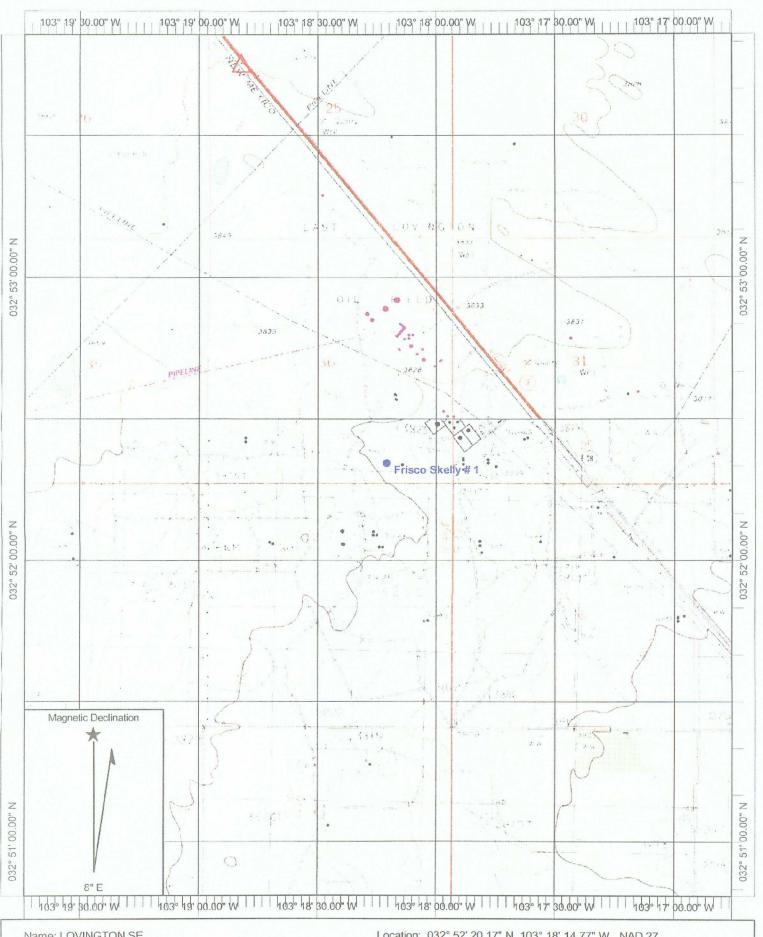
This report has been prepared for the benefit of Plains. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of Basin and/or Plains.

DISTRIBUTION

Copy 1:	Ed Hansen New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505 edwardj.hansen@state.nm.us
Copy 2:	Larry Johnson New Mexico Oil Conservation Division 1625 N. French Drive Hobbs, New Mexico 88240 Larry.Johnson@state.nm.us
Copy 3:	Jeff Dann Plains Marketing, L.P. 333 Clay Street Suite 1600 Houston, Texas 77002 jpdann@paalp.com
Copy 4:	Camille Reynolds Plains Marketing, L.P. 3112 Highway 82 Lovington, New Mexico 88260 cjreynolds@paalp.com
Copy 5 & 6:	Mr. Patrick B. McMahon & City of Lovington Heidel, Samberson, Newell, Cox & McMahon Law Firm P. O. Drawer 1599 311 North First Lovington, New Mexico 88260
Copy 7:	Basin Environmental Service Technologies, LLC P. O. Box 301 Lovington, New Mexico 88260 kdutton@basinenv.com

FIGURES

FIGURE 1 SITE LOCATION MAP



Name: LOVINGTON SE Date: 1/30/2007

Scale: 1 inch equals 2000 feet

Location: 032° 52' 20.17" N 103° 18' 14.77" W NAD 27 Caption: Figure 1, Site Location Map

Caption: Figure 1, Site Location Map Plains Marketing, L. P. Frisco Skelly # 1 Site

FIGURE 2A

INFERRED GROUNDWATER GRADIENT MAP – 15 MARCH 2007

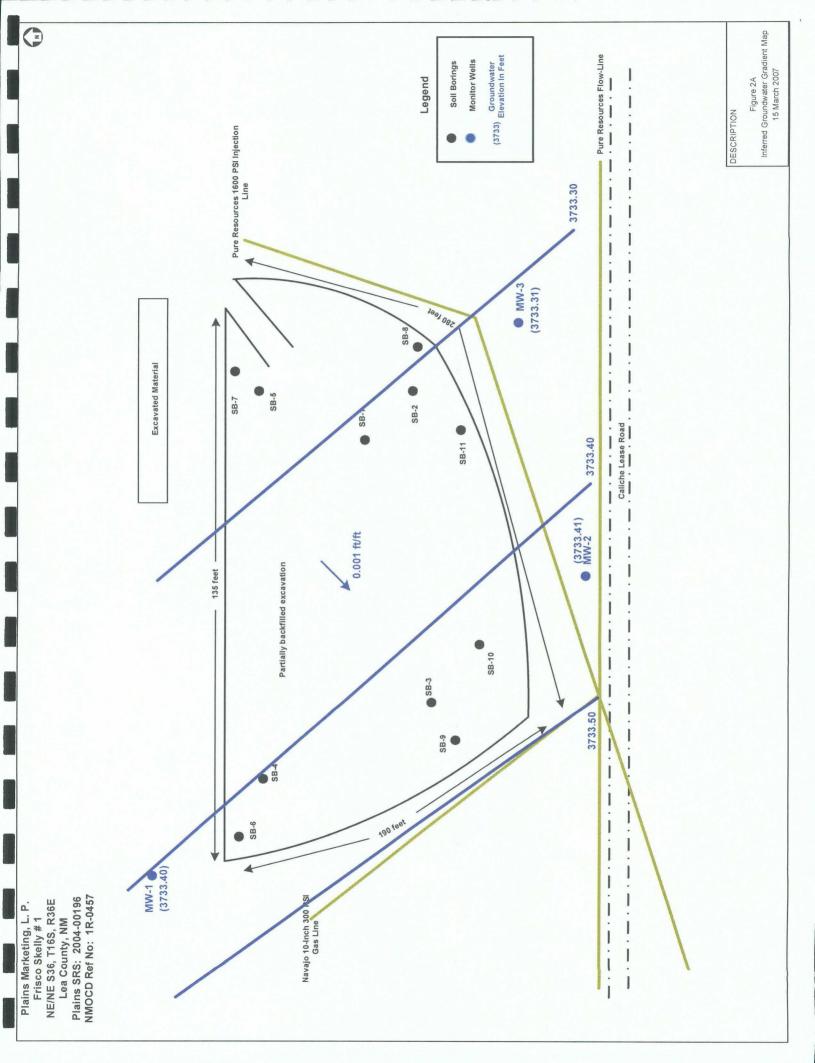


FIGURE 2B

INFERRED GROUNDWATER GRADIENT MAP – 30 MAY 2007

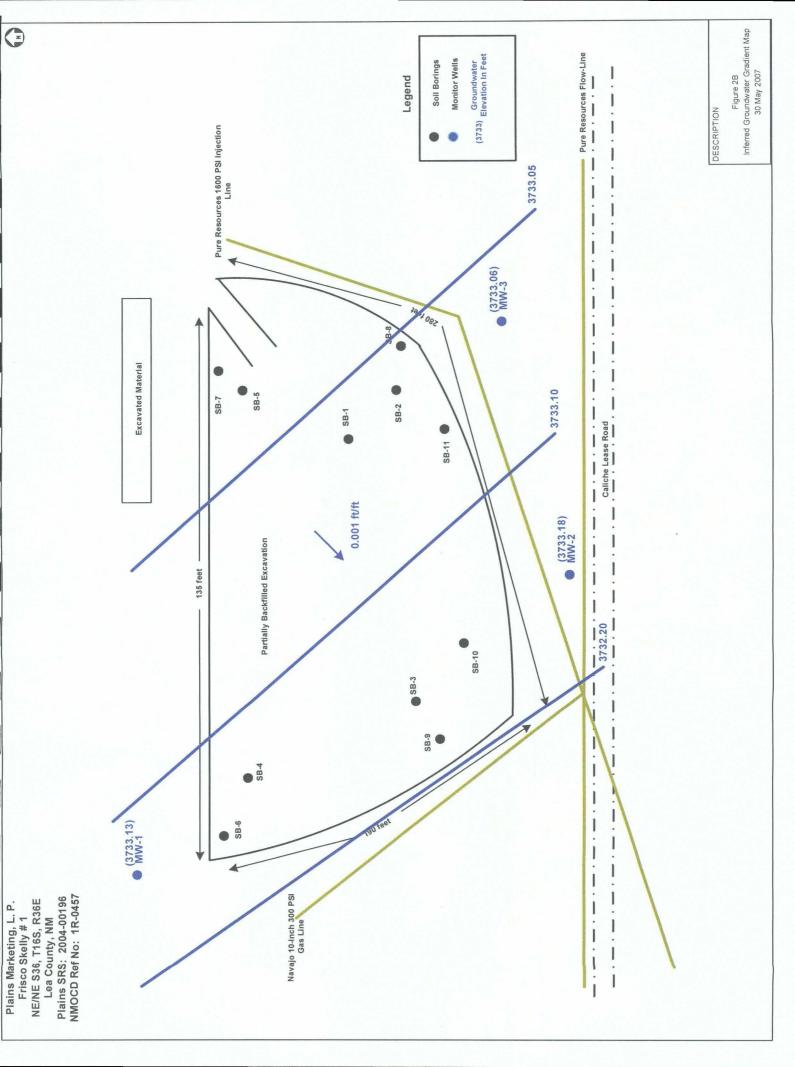


FIGURE 2C

INFERRED GROUNDWATER GRADIENT MAP – 24 SEPTEMBER 2007

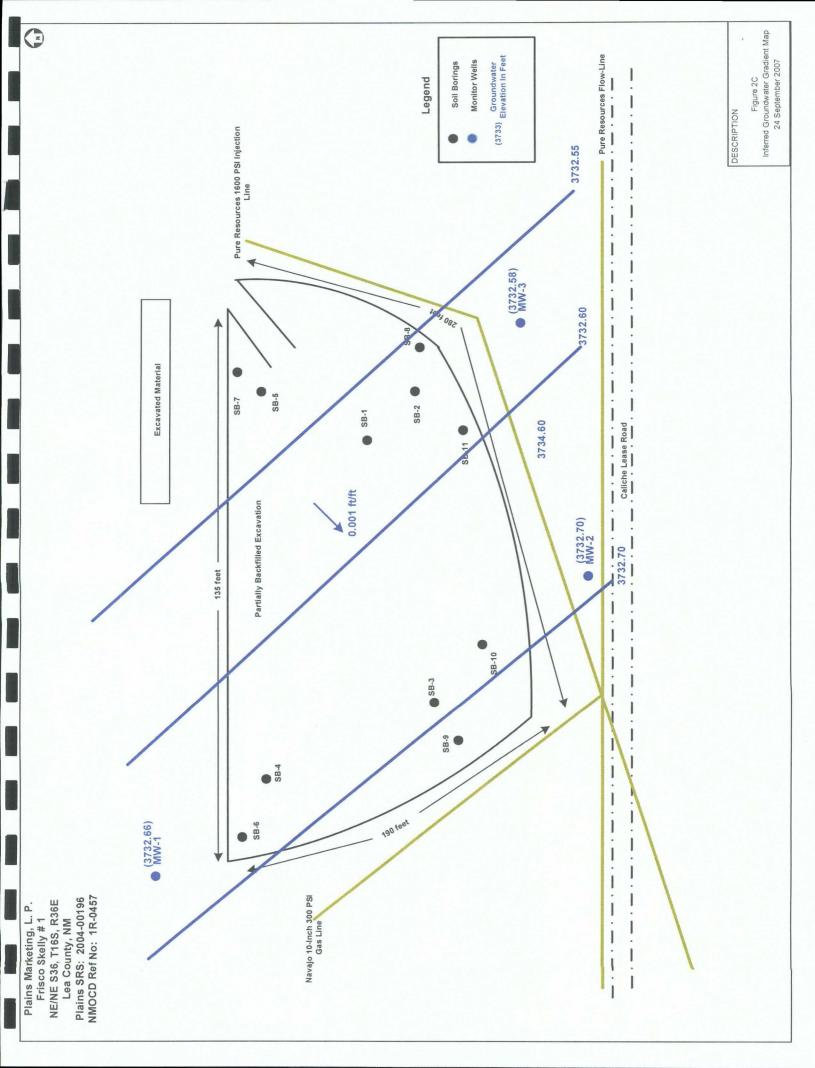


FIGURE 2D

INFERRED GROUNDWATER GRADIENT MAP – 29 NOVEMBER 2007

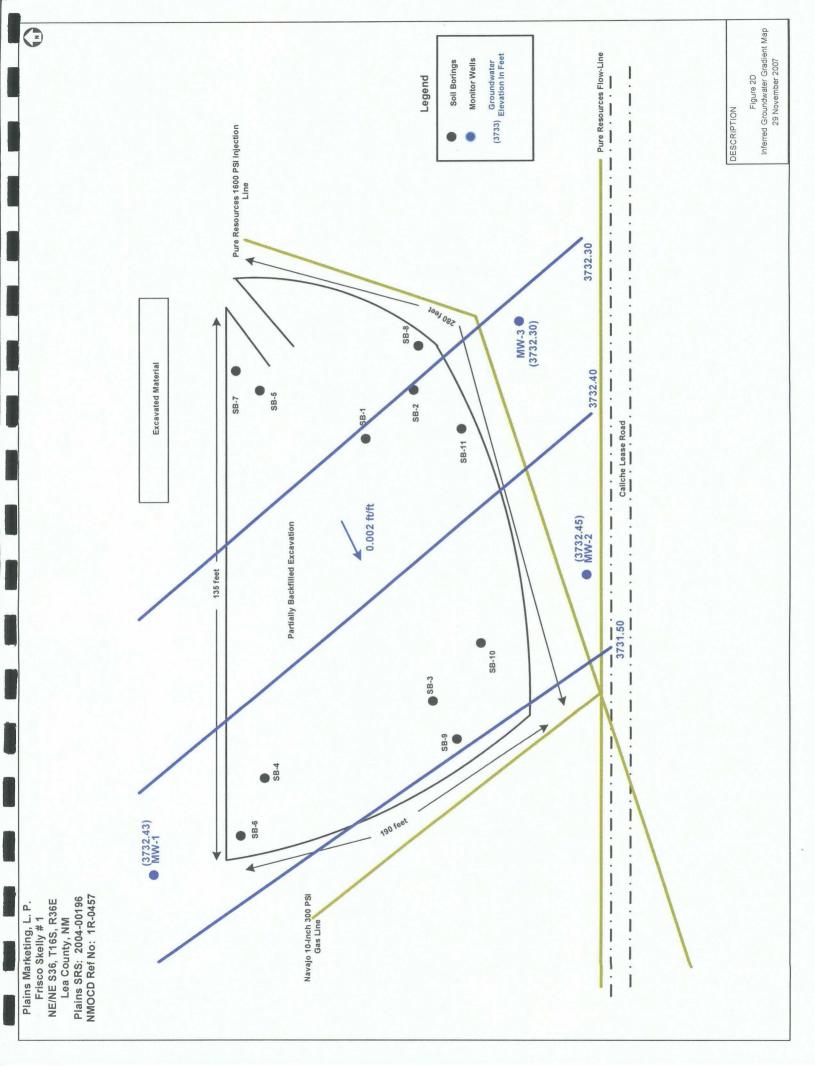
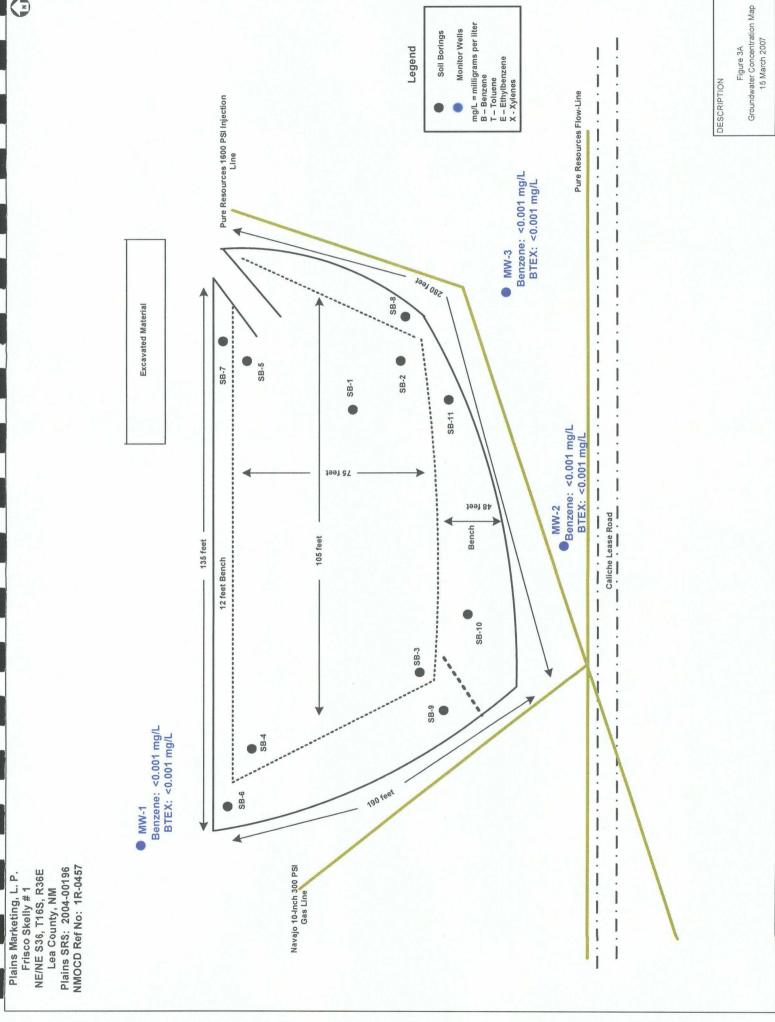


FIGURE 3A GROUNDWATER CONCENTRATION MAP – 15 MARCH 2007



(2)

FIGURE 3B GROUNDWATER CONCENTRATION MAP – 30 MAY 2007

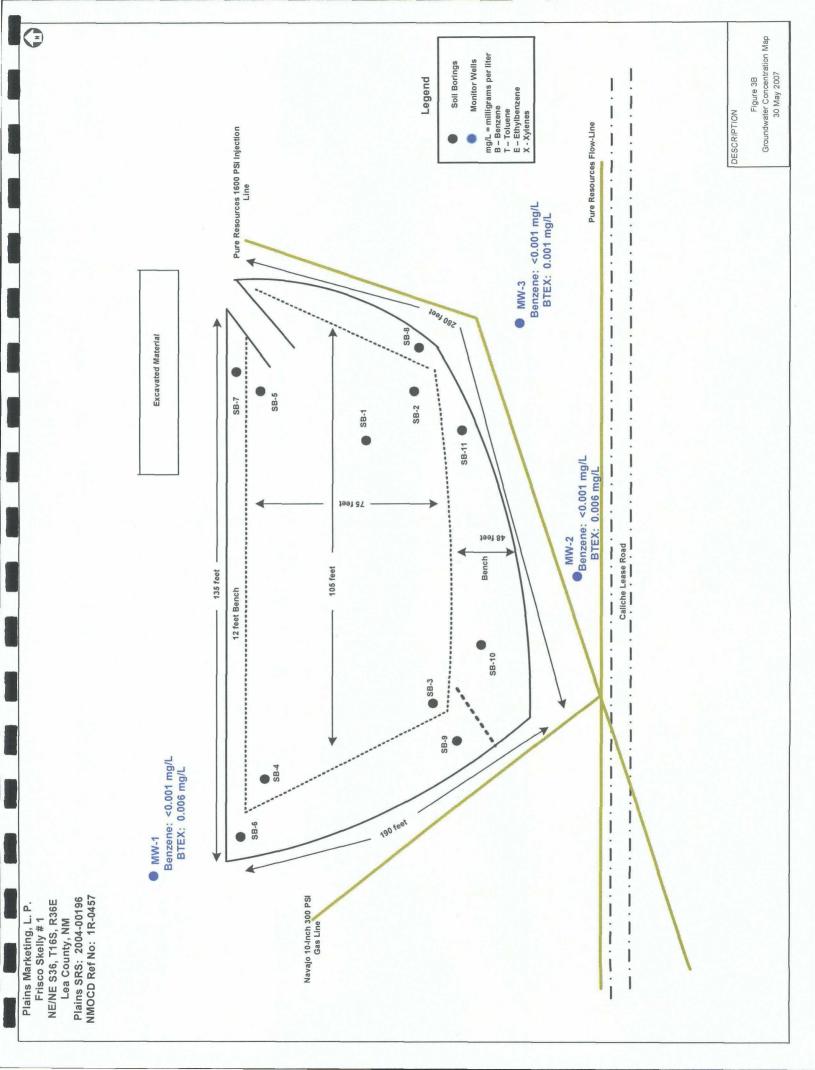


FIGURE 3C

GROUNDWATER CONCENTRATION MAP – 24 SEPTEMBER 2007

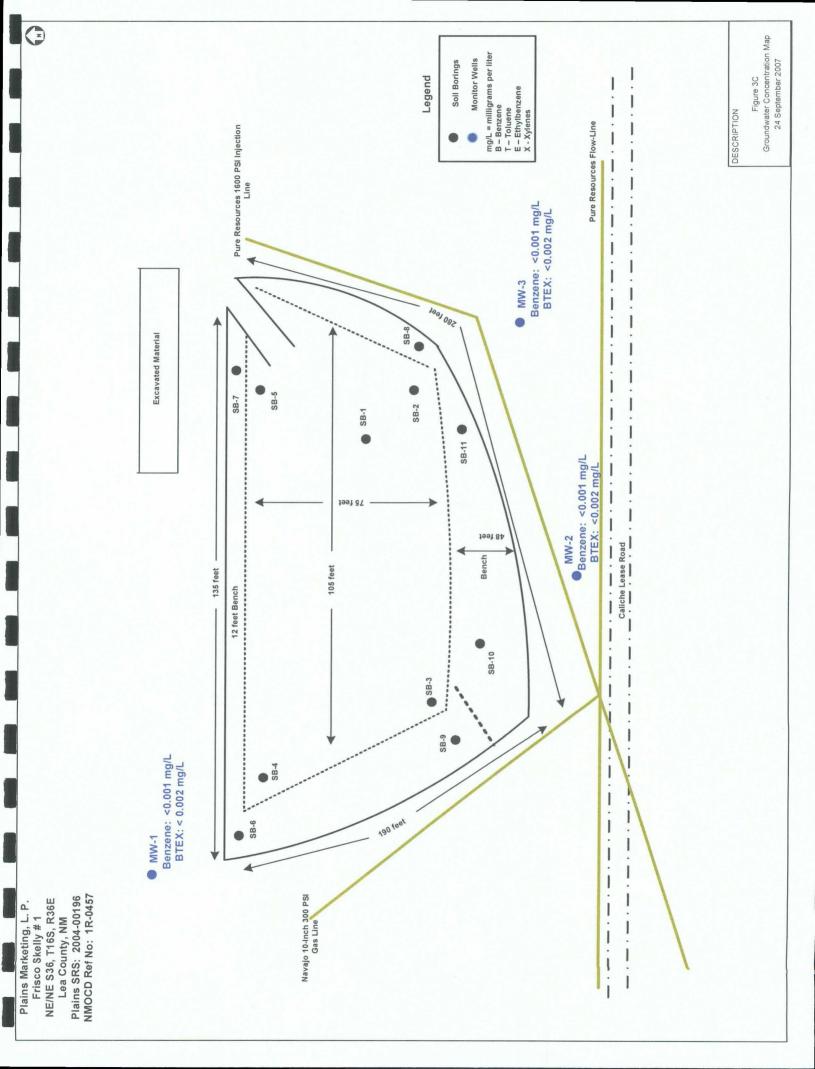
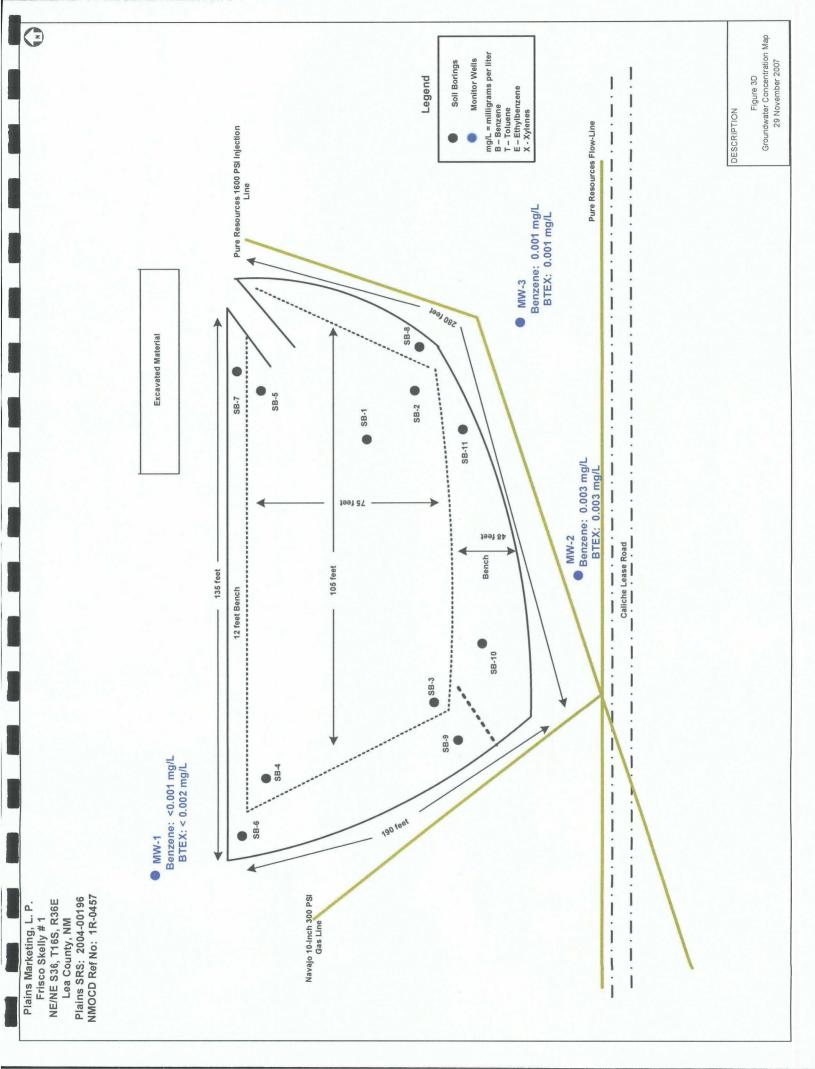


FIGURE 3D

GROUNDWATER CONCENTRATION MAP – 29 NOVEMBER 2007



TABLES

TABLE 1 GROUNDWATER ELEVATION DATA

TABLE 1

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GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
FRISCO-SKELLY # 1
LEA COUNTY, NEW MEXICO
PLAINS SRS NO: 2004-00196
NMOCD REFERENCE NO: 1R-0457

WELL	DATE MEASURED	CASING WELL	DEPTH TO PRODUCT	DEPTH TO WATER	PSH	CORRECTED GROUNDWATER ELEVATION
MW - 1		3,823.92	•	89.36	00.0	3,734.56
	09/18/06	3,823.92	1	90.03	00'0	3,733.89
	12/26/06	3,823.92	-	90.14	00.0	3,733.78
	03/15/07	3,823.92	•	90.52	0.00	3,733.40
	20/08/30	3,823.92	•	90.79	00.0	3,733.13
	09/24/07	3,823.92		91.26	00.0	3,732.66
	11/29/07	3,823.92	-	91.49	0.00	3,732.43
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
	03/15/07	3,823.96	-	90.55	0.00	3,733.41
	05/30/02	3,823.96	_	90.78	0.00	3,733.18
	09/24/07	3,823.96	_	91.26	0.00	3,732.70
	11/29/07	3,823.96	-	91.51	0.00	3,732.45
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
	03/15/07	3,823.30	_	89.99	0.00	3,733.31
	05/30/02	3,823.30	-	90.24	0.00	3,733.06
	09/24/07	3,823.30	-	90.72	0.00	3,732.58
	11/29/07	3,823.30	-	91.00	0.00	3732.30

TABLE 2 CONCENTRATIONS OF BENZENE AND BTEX IN GROUNDWATER

TABLE 2

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CONCENTRATIONS OF BENZENE & BTEX

PLAINS MARKETING, L.P.
FRISCO SKELLY
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2004-00196
NMOCD REFERENCE NO: 1R-0457

SAMPLE LOCATION	SAMPLE	DATE		METHODS:		EPA SW 846-8021B, 5030		CHLORIDES
	DATE	ANALYZED	ANALYZED BENZENE TOLUENE	TOLUENE	ETHYL-	M,P-	O-XYLENES	
					BENZENE	XYLENES		
			(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-1	04/20/06	04/22/06	<0.001	<0.001	<0.001	<0.001	<0.001	
	09/18/06	09/22/06	<0.001	<0.001	<0.001	<0.001	<0.001	
	12/26/06	12/31/06	<0.001	<0.001	<0.001	<0.001	<0.001	
	03/15/07	03/27/07	<0.001	<0.001	<0.001	<0.001	<0.001	
	20/08/90	20/60/90	<0.001	0.006	<0.001	<0.001	<0.001	
	09/24/07	10/01/07	<0.001	<0.001	<0.001	<0.002	<0.001	
	11/29/07	12/06/07	<0.001	<0.002	<0.001	<0.002	<0.001	
MW-2	04/20/06	04/27/06	<0.001	<0.001	<0.001	<0.001	<0.001	
	09/18/06	09/22/06	<0.001	<0.001	<0.001	<0.001	<0.001	
	12/26/06	12/31/06	<0.001	<0.001	<0.001	<0.001	<0.001	
	03/15/07	03/27/07	<0.001	<0.001	< 0.001	<0.001	<0.001	
	20/08/90	20/60/90	<0.001	0.006	<0.001	<0.001	<0.001	
	09/24/07	10/01/07	<0.001	<0.001	<0.001	<0.002	<0.001	
	11/29/07	12/06/07	0.003	<0.002	<0.001	<0.002	<0.001	
MW-3	04/20/06	04/27/06	<0.001	<0.001	<0.001	<0.001	<0.001	
	09/18/06	09/22/06	<0.001	<0.001	<0.001	<0.001	<0.001	
	12/26/06	12/31/06	<0.001	<0.001	<0.001	<0.001	<0.001	
	03/15/07	03/27/07	<0.001	<0.001	<0.001	<0.001	<0.001	
	20/08/30	20/60/90	<0.001	0.001	<0.001	<0.001	<0.001	
	09/24/07	10/01/07	<0.001	<0.001	<0.001	<0.002	<0.001	
	11/29/07	12/06/07	0.001	<0.002	<0.001	<0.002	<0.001	
		:						
NMOCD CRITERIA			0.01	0.75	0.75	TOTAL XYI	TOTAL XYLENES 0.62	
							E	

APPENDICES

APPENDIX A LABORATORY REPORTS



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: 7C20008

Report Date: 03/28/07

Plains All American EH & S
Project: Frisco Skelly
Fax: (432) 687-4914

1301 S. County Road 1150
Project Number: 2004-00196
Midland TX, 79706-4476
Project Manager: Camille Reynolds

ANALYTICAL REPORT FOR SAMPLES

6

4

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	7C20008-01	Water	03/15/07 10:20	03-20-2007 11:30
MW-2	7C20008-02	Water	03/15/07 11:10	03-20-2007 11:30
MW-3	7C20008-03	Water	03/15/07 11:45	03-20-2007 11:30

Project: Frisco Skelly
Project Number: 2004-00196

Project Number: 2007-00170

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 (7C20008-01) Water		<u> </u>		Diludon.	<u>Jaton</u>	- Tropared	7 may 200	Welled	710100
Benzene	ND	0.00100	mg/L	1	EC72601	03/26/07	03/27/07	EPA 8021B	
Toluene	ND	0.00100		•	,	**		n	
Ethylbenzene	ND	0.00100	**	"	H	11	"	**	
Xylene (p/m)	ND	0.00100	*	**	"	н	•	н	
Xylene (o)	ND	0.00100	,,	**	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		99.0 %	80-12	20	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84.0 %	80-12	20	n	"	"	"	
MW-2 (7C20008-02) Water									
Benzene	ND	0.00100	mg/L	1	EC72601	03/26/07	03/27/07	EPA 8021B	
Toluene	ND	0.00100	"	*	**	н	"	**	
Ethylbenzene	ND	0.00100	"		н	91	"	**	
Xylene (p/m)	ND	0.00100	11	"	•	,,	"	*	
Xylene (o)	ND	0.00100	•	**	n	11	**	n	
Surrogate: a.a.a-Trifluorotoluene		106 %	80-12	20	n	"	"	"	
Surrogate: 4-Bromofluorobenzene		87.8 %	80-12	20	"	"	"	"	
MW-3 (7C20008-03) Water									
Benzene	ND	0.00100	mg/L	l	EC72601	03/26/07	03/27/07	EPA 8021B	",
Toluene	ND	0.00100	н			11	**		
Ethylbenzene	ND	0.00100	n	**	•	11	"	•	
Xylene (p/m)	ND	0.00100	н	*	**	**	,,	"	
Xylene (o)	ND	0.00100	*	*	**	11	н	n	
Surrogate: a.a,a-Trifluorotoluene		106 %	80-12	20	"	n	"	"	
Surrogate: 4-Bromofluorobenzene		85.2 %	80-12	20	"	"	"	#	

Project: Frisco Skelly

Project Number: 2004-00196
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Organics by GC - Quality Control Environmental Lab of Texas

		Reporting		Spike	Source	0.1-	%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EC72601 - EPA 5030C (GC)										
Blank (EC72601-BLK1)				Prepared &	& Analyzed:	03/26/07				
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	40.8		ug/l	50.0		81.6	80-120			
Surrogate: 4-Bromofluorobenzene	40.6		"	50.0		81.2	80-120			
LCS (EC72601-BS1)				Prepared &	& Analyzed:	03/26/07				
Benzene	0.0442	0.00100	mg/L	0.0500		88.4	80-120	~		<u>_</u>
Toluene	0.0431	0.00100	,,	0.0500		86.2	80-120			
Ethylbenzene	0.0419	0.00100		0.0500		83.8	80-120			
Xylene (p/m)	0.0890	0.00100		0.100		89.0	80-120			
Xylene (o)	0.0450	0.00100	н	0.0500		90.0	80-120			
Surrogate: a,a,a-Trifluorotoluene	40.5		ug/l	50.0		81.0	80-120			
Surrogate: 4-Bromofluorobenzene	43.5		"	50.0		87.0	80-120			
Calibration Check (EC72601-CCV1)				Prepared &	& Analyzed:	03/26/07				
Benzene	45.8		ug/l	50.0		91.6	80-120		· · · · · · · · · · · · · · · · · · ·	
Toluene	44.4		н	50.0		88.8	80-120			
Ethylbenzene	45.9			50.0		91.8	80-120			
Xylene (p/m)	89.2		•	100		89.2	80-120			
Xylene (o)	45.9		**	50.0		91.8	80-120			
Surrogate: a,a,a-Trifluorotoluene	40.8		"	50.0		81.6	80-120			
Surrogate: 4-Bromofluorobenzene	43.9		"	50.0		87.8	80-120			
Duplicate (EC72601-DUP1)	Sou	ırce: 7C23001-	10	Prepared &	& Analyzed:	03/26/07				
Benzene	ND	0.00100	ıng/L		ND				20	
Toluene	0.00353	0.00100	*		0.00330			6.73	20	
Ethylbenzene	0.000521	0.00100			0.000349			39.5	20	
Kylene (p/m)	0.00502	0.00100	*		0.00430			15.5	20	
(ylene (o)	0.00123	0.00100	**		0.000981			22.5	20	
urrogate: a,a,a-Trifluorotoluene	41.0		ug/l	50.0		82.0	80-120			

Surrogate: 4-Bromofluorobenzene

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80-120

50.0

42.4

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 EC72601 - EPA 5030C (GC)					,					
Matrix Spike (EC72601-MS1)	Sour	rce: 7C23001-	10	Prepared &	& Analyzed:	03/26/07				
Benzene	0.0449	0.00100	mg/L	0.0500	ND	89.8	80-120			
Toluene	0.0470	0.00100	"	0.0500	0.00330	87.4	80-120			
Ethylbenzene	0.0424	0.00100	"	0.0500	0.000349	84.1	80-120			
Xylene (p/m)	0.0924	0.00100		0.100	0.00430	88.1	80-120			
Xylene (o)	0.0464	0.00100	"	0.0500	0.000981	90.8	80-120			
Surrogate: a,a,a-Trifluorotoluene	40.0		ug/l	50.0		80.0	80-120			
Surrogate: 4-Bromofluorobenzene	44.7		"	50.0		89.4	80-120			

Plains All American EH & S
Project: Frisco Skelly
Fax: (432) 687-4914

1301 S. County Road 1150
Project Number: 2004-00196
Midland TX, 79706-4476
Project Manager: Camille Reynolds

Notes and Definitions

R5	RPD is outside of historic values
R4	Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.
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: 3/28/2007

Brent Barron, Laboratory Director/Corp. Technical Director Celey D. Keene, Org. Tech Director Raland K. Tuttle, Laboratory Consultant James Mathis, QA/QC Officer Jeanne Mc Murrey, Inorg. Tech Director

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Environmental Lab of Texas

A Xenco Laboratories Company

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.

Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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12600 West I-20 East Odessa, Texas 79765

Phone: 432-563-1800 Fax: 432-563-1713

TAT brabnas2 × × ☐ NPDES ပ္ RUSH TAT (Pre-Schedule) 24, 48, 72 hrs z zzzzzz 0 TRRP M.A.O.M H BCI Project Name: FRISCO-SKELLY # 1 Labels on container(s) Custody seals on container(s) Custody seals on cooler(s) Temperature Upon Receipt: × × × VOCs Free of Headspace? B1EX 80218/2030 of B1EX 8260 Sample Containers Intact? Sample Client Rep. PO #: PAA - C. J. Reynolds Analyze For Laboratory Comments: Sample Hand Delivered Project Loc: Lea County, NM setites Project #: 2004-00196 X Standard Metals: As Ag Ba Cd Cr Pb Hg Se TOLP SAR / ESP / CEC Anions (Cl. SO4, Alkelinity) Cations (Ca, Mg, Na, K) Report Format: 2001 XT 9001 XT Hdl me SSLOS M2108 1.814 Hd spendy Chines ß≷ S≷ 8€ **LOMAROT** egbuig=JS heigh grixning=WC Orner (Specify) Preservation & # of Containers anoN kad@basinenv.com OSSEN HOBN *05tH JUL (505) 396-1429 HOL × × × ONH 30 × × × 7 2 N Fotal #, of Containers parath 4 bisi e-mail: Fax No 1145 1020 1110 Time Sampled 0 Received by ELOT 01 OF 15-Mar-07 15-Mar-07 15-Mar-07 Received by: Basin Environmental Service Technologies, LLC Date Sampled 11.30 Ending Depth #8 be me Beginning Depth ØMARO7 PAN ARY Lovington, NM 88260 (505) 441-2124 P. O. Box 301 Ken Dutton FIELD CODE MW-2 NW-1 MW-3 Company Address: Sampler Signature: Project Manager: Company Name Telephone No: City/State/Zip: Special Instructions: Relinquished by Refinduished by (lab use only) ORDER #: lelinguished STAN (yino sau dai) # 8A.

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

ent: YWNB				
e/ Time: 3/2d 01 11:30				
10#: 7(10008				
ls:				
ils: UK-				
Sample Receipt	Checklist			
			CII	ent Initials
Temperature of container/ cooler?	Yes	No	1.0 °C	
Shipping container in good condition?	∛e§	No		
Custody Seals intact on shipping container/ cooler?	Xes	No	Not Present	
Custody Seals intact on sample bottles/ container?	XES	No	Not Present	
Chain of Custody present?	800	No		
Sample instructions complete of Chain of Custody?	Ves	No		
Chain of Custody signed when relinquished/ received?	(%es	No		
Chain of Custody agrees with sample label(s)?	λ'€\$	No	ID written on Cont./ Lid	
Container label(s) legible and intact?	X95	No	Not Applicable	
Sample matrix/ properties agree with Chain of Custody?	Zes	No		
Containers supplied by ELOT?	Yes	No		
Samples in proper container/ bottle?	Y55	No	See Below	
Samples properly preserved?		No	See Below	
Sample bottles intact?	Yes Ves	No		
Preservations documented on Chain of Custody?	y es	No		
Containers documented on Chain of Custody?	Ves	No		
Sufficient sample amount for indicated test(s)?	Yes	No	See Below	
All samples received within sufficient hold time?	Yes	No	See Below	
Subcontract of sample(s)?	Yes	No	Not Applicable	
VOC samples have zero headspace?	Yes,	No	Not Applicable	
Variance Docur	nentation			
ntact: Contacted by:			Date/ Time:	
		•		Market Company of the
garding:				
rrective Action Taken:				

		 		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		-tan-uk-venanakihina-venanaki		
eck all that Apply: See attached e-mail/ fax			•	
Client understands and would				
Cooling process had begun	shortly after	sampling	event	



A Xenco Laboratories Company

Analytical Report

Prepared for:

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

Project: Frisco Skelly # 1 Project Number: 2004-00196 Location: Lea County, NM

Lab Order Number: 7F06014

Report Date: 06/11/07

Project: Frisco Skelly # 1
Project Number: 2004-00196

Fax: (432) 687-4914

Project Manager: Camille Reynolds

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-I	7F06014-01	Water	05/30/07 11:00	06-06-2007 12:21
MW-2	7F06014-02	Water	05/30/07 11:55	06-06-2007 12:21
MW-3	7F06014-03	Water	- 05/30/07 13:10	06-06-2007 12:21

Project: Frisco Skelly # 1

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 (7F06014-01) Water	Result	Dimit		Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.00100	mg/L	1	EF70802	06/08/07	06/09/07	EPA 8021B	
			ing/L		Er /0802	00/08/07	00/09/07	EFA 8021B	
Toluene	0.00648	0.00100		"	"	,,	,,	n	
Ethylbenzene	ND	0.00100	**				"		
Xylene (p/m)	ND	0.00100		"				,	
Xylene (o)	ND	0.00100	*		*			н	
Surrogate: a,a,a-Trifluorotoluene		111%	80-12	0	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.6 %	80-12	0	"	"	"	"	
MW-2 (7F06014-02) Water									
Benzene	ND	0.00100	mg/L	1	EF70802	06/08/07	06/09/07	EPA 8021B	
Toluene	0.00616	0.00100	**	"		**	н	"	
Ethylbenzene	ND	0.00100	**		n	**	"	· ·	
Xylene (p/m)	ND	0.00100	Ω	٠,	•	•	*	w	
Xylene (o)	ND	0.00100	u			17	51	н	
Surrogate: a,a,a-Trifluorotoluene		113 %	80-12	0	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.8 %	80-12	0	n	"	"	"	
MW-3 (7F06014-03) Water									
Benzene	ND	0.00100	mg/L	1	EF70802	06/08/07	06/09/07	EPA 8021B	
Toluene	0.00161	0.00100		"	"	17	Ħ	•	
Ethylbenzene	ND	0.00100	91	и ,	*	n	**	•	
Xylene (p/m)	ND	0.00100		**	•	"	**	•	
Xylene (o)	ND	0.00100	11	"	**	"	**	**	
Surrogate: a,a,a-Trifluorotoluene		88.4 %	80-12	0	"	"	u	n	
Surrogate: 4-Bromofluorobenzene		78.0 %	80-12	0	"	,,	"	n	S-04

Plains All American EH & S

1301 S. County Road 1150 Midland TX, 79706-4476 Project: Frisco Skelly # 1

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 EF70802 - EPA 5030C (GC)										
Blank (EF70802-BLK1)				Prepared &	. Analyzed	: 06/08/07				
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	*							
Ethylbenzene	ND	0.00100	**							
Xylene (p/m)	ND	0.00100	**							
Xylenc (o)	ND	0.00100	н							
Surrogate: a,a,a-Trifluorotoluene	54.1		ug/l	50.0		108	80-120			
Surrogate: 4-Bromofluorobenzene	45.4		"	50.0		90.8	80-120			
LCS (EF70802-BS1)				Prepared &	. Analyzed	: 06/08/07				
Benzene	0.0548	0.00100	mg/L	0.0500		110	80-120			
Toluene	0.0556	0.00100	11	0.0500		111	80-120			
Ethylbenzene	0.0543	0.00100		0.0500		109	80-120			
Xylene (p/m)	0.101	0.00100	H	0.100		101	80-120			
Xylene (o)	0.0569	0.00100	*	0.0500		114	80-120			
Surrogate: a,a,a-Trifluorotoluene	54.6		ug/l	50.0 -		109	80-120			
Surrogate: 4-Bromofluorobenzene	51.7		"	50.0		103	80-120			
Calibration Check (EF70802-CCV1)				Prepared: (06/08/07 A	nalyzed: 06	6/09/07			
Benzene	0.0576		mg/L	0.0500		115	80-120			
Toluene	0.0567		"	0.0500		113	80-120			
Ethylbenzene	0.0537		*	0.0500		107	80-120			
Xylene (p/m)	0.0999		**	0.100		99.9	80-120			
Xylene (o)	0.0573		"	0.0500		115	80-120			
Surrogate: a,a,a-Trifluorotoluene	57.9		ug/l	50.0		116	80-120			
Surrogate: 4-Bromofluorobenzene	53.0		"	50.0		106	80-120			
Matrix Spike (EF70802-MS1)	Sou	ırce: 7F06019-	03	Prepared: ()6/08/07 A	nalyzed: 06	5/09/07			
Benzene	0.0598	0.00100	mg/L	0.0500	ND	120	80-120			
Toluene	0.0593	0.00100	11	0.0500	ND	119	80-120			
Ethylbenzene	0.0584	0.00100	**	0.0500	ND	117	80-120			
Xylene (p/m)	0.107	0.00100	11	0.100	ND	107	80-120			
Xylene (o)	0.0614	0.00100	"	0.0500	ND	123	80-120			
Surrogate: a,a,a-Trifluorotoluene	58.4		ug/l	50.0		117	80-120			
Surrogate: 4-Bromofluorobenzene	56.2		"	50.0		112	80-120			

Project: Frisco Skelly # 1

Spike

Source

%REC

Project Number: 2004-00196 Project Manager: Camille Reynolds Fax: (432) 687-4914

RPD

Organics by GC - Quality Control Environmental Lab of Texas

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EF70802 - EPA 5030C (GC)										
Matrix Spike Dup (EF70802-MSD1)	Sour	ce: 7F06019-	03	Prepared: 0	6/08/07 A	nalyzed: 06	/09/07			
Benzene	0,0565	0,00100	mg/L	0.0500	, ND	113	80-120	6.01	20	
Toluene	0.0566	0.00100		0.0500	ND	113	80-120	5.17	20	
Ethylbenzene	0.0556	0.00100	н	0.0500	ND	111	80-120	5.26	20	
Xylene (p/m)	0.102	0.00100	,	0.100	ND	102	80-120	4.78	20	
Xylene (o)	0.0584	0.00100	"	0.0500	ND	117	80-120	5.00	20	
Surrogate: a,a,a-Trifluorotoluene	58.3		ug/l	50.0		117	80-120			
Surrogate: 4-Bromofluorobenzene	54.2		"	50.0		108	80-120			

Plains All American EH & S
Project: Frisco Skelly # 1
Fax: (432) 687-4914

1301 S. County Road 1150
Project Number: 2004-00196
Midland TX, 79706-4476
Project Manager: Camille Reynolds

Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS). Μl Analyte DETECTED DET ND Analyte NOT DETECTED at or above the reporting limit Not Reported NR Sample results reported on a dry weight basis dry Relative Percent Difference RPD LCS Laboratory Control Spike MS Matrix Spike Duplicate Dup

	Bun Burron		
Report Approved By:		Date:	6/11/2007

Brent Barron, Laboratory Director/Corp. Technical Director Celey D. Keene, Org. Tech Director Raland K. Tuttle, Laboratory Consultant

James Mathis, QA/QC Officer Jeanne Mc Murrey, Inorg. Tech Director

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Environmental Lab of Texas

Phone: 432-563-1800 CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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Fax: 432-563-1713 Odessa, Texas 79765 12600 West I-20 East

□ NPDES ô SUSH TAT (Pre-Schodule) 24, 48, 72 hrs 4.5 TRRP M.A.O.M. 된 SC! Project Name: FRISCO-SKELLY # 1 Labels on container(s) Custody seals on container(s) Sample Hand Delivered

4y Sample Achiev Rep. ?

by Courier? UPS Temperature Upon Receipt: × × × VOCs Free of Headspace? BTEX 80218/5030 or BTEX 6260 Sample Containers Intact? Custody seals on cooler(s) PO #: PAA - C. J. Reynolds Laboratory Comments: Project Loc: Lea County, NM Project #: 2004-00196 X Standard Metals: As Ag Ba Cd Cr Pb Hg Se 10.0 TOTAL vniona (CI, SO4, Alkalinity) Cations (Ca. Mg. Na. K) Report Format: 9001 X.I 2001 XT Hal 12.21 Time Time E E 89108 MS108 1.814 :Hd. 3€ 8 80 10.9.9 W=Drinking Water SL=Studge Date Date Other (Specify) kdutton@basinenv.com Preservation & # of Containers COZSZEN HOEN *05°H 2×) (505) 396-1429 NON HCI × × × CONH 90) × × × 3 otal #. of Containers 2 7 2 bereili'i biel Fax No: e-mail: 1100 1155 1310 Time Sampled などとびと 5 Received by ELOT PAGE 01 OF 30-May-07 30-May-07 30-May-07 Received by: Received by: Basin Environmental Service Technologies, LLC Date Sampled Ending Depth 3 me Hoginning Depth Lovington, NM 88260 Date (505) 441-2124 Company Address: P. O. Box 301 Ken Dutton Sampler Signature: Pyr FIELD CODE **MW-2** MW-3 MW-1 183834 7500014 Project Manager: Company Name Telephone No: City/State/Zip: Special Instructions: Relinquished by: Relinquished by: Relinguished by (lab use only) ORDER #: 5 5 0 (vino eeu del) # BAJ

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Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Sample Receipt Checklist Client	
Sample Receipt Checklist Clier 11 Temperature of container/ cooler? 22 Shipping container in good condition? 33 Custody Seals intact on shipping container/ cooler? 44 Custody Seals intact on sample bottles/ container? 45 Chain of Custody present? 46 Sample instructions complete of Chain of Custody? 47 Chain of Custody signed when relinquished/ received? 48 Chain of Custody agrees with sample label(s)? 49 Container label(s) legible and intact? 40 Sample matrix/ properties agree with Chain of Custody? 40 Sample matrix/ properties agree with Chain of Custody? 41 Samples properly preserved? 42 No 43 No 44 Sample bottles intact? 45 No 46 No 47 Supples in proper container/ bottle? 48 No 49 No 40 See Below 41 Samples properly preserved? 41 Samples properly preserved? 42 No 43 Samples properly preserved? 44 Samples properly amount for indicated test(s)? 45 No 46 No 47 Sufficient sample amount for indicated test(s)? 48 No 49 No 40 See Below 41 Subcontract of sample(s)? 49 No 40 No 40 See Below 41 Subcontract of sample(s)? 40 No 41 Samples received within sufficient hold time? 40 No 41 Samples received within sufficient hold time? 40 No 41 Subcontract of sample(s)? 41 No 42 No 43 Samples procerity within sufficient hold time? 40 No 41 Subcontract of sample(s)? 41 No 42 No 43 No 44 No 45 No 46 No 46 No 47 No 48 No 49 No 40 N	
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Sufficient sample amount for indicated test(s)? Yes No See Below	
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Check all that Apply: See attached e-mail/ fax Client understands and would like to proceed with analysis	

Analytical Report 290374

for

PLAINS ALL AMERICAN EH&S

Project Manager: Camille Reynolds

Frisco-Skelly # 1 2004-00196

02-OCT-07



12600 West I-20 East Odessa, Texas 79765

A Xenco Laboratories Company

Texas certification numbers: Houston, TX T104704215

Florida certification numbers:
Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America Midland - Corpus Christi - Atlanta



02-OCT-07

Project Manager: Camille Reynolds PLAINS ALL AMERICAN EH&S 1301 S. COUNTY ROAD 1150

Midland, TX 79706

Reference: XENCO Report No: 290374

Frisco-Skelly #1

Project Address: Lea County, NM

Camille Reynolds:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 290374. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 290374 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron

Odessa Laboratory Director

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Sample Cross Reference 290374

PLAINS ALL AMERICAN EH&S, Midland, TX

Frisco-Skelly # 1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-1	W	Sep-24-07 10:50		290374-001
MW-2	W	Sep-24-07 11:40	•	290374-002
MW-3	W	Sep-24-07 13:00		290374-003



Contact: Camille Reynolds Project Location: Lea County, NM

Project Id: 2004-00196

Certificate of Analysis Summary 290374 PLAINS ALL AMERICAN EH&S, Midland, TX

Project Name: Frisco-Skelly #1

Date Received in Lab: Thu Sep-27-07 02:30 pm

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Report Date: 02-OCT-07

Project Manager: Brent Ramon 11

					Project Manager: Brent Barron, II	
	Lab Id:	290374-001	290374-002	290374-003		
Analogic Danagad	Field Id:	MW-1	MW-2	MW-3		
naisanhay sistinuv	Depth:					
	Matrix:	WATER	WATER	WATER		
	Sampled:	Sep-24-07 10:50	Sep-24-07 11:40	Sep-24-07 13:00		
BTEX by EPA 8021B	Extracted:	Oct-01-07 12:00	Oct-01-07 12:00	Oct-01-07 12:00		
	Analyzed:	Oct-01-07 14:20	Oct-01-07 14:37	Oct-01-07 14:53		
	Units/RL:	mg/L RL	mg/L RL	mg/L RL		
Benzene		ND 0.0010	0100'0 QN	ND 0.0010		
Toluene		ND 0.0010	01000 ON	ND 0.0010		
Ethylbenzene		ND 0.0010	ND 0.0010	ND 0.0010		
m,p-Xylene		ND 0.0020	ND 0.0020	ND 0.0020		
o-Xylene		ND 0.0010	ND 0.0010	ND 0.0010		
Total Xylenes		QN	ND	ND		
Total BTEX		QN	ND	ND		

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and restities expressed throughout this analytical report present the best judgment of XRNCO Laboratories. XEXVO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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Odessa Laboratory Director

Flagging Criteria

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F RPD exceeded lab control limits.
- J The target analyte was positively identified below the MQL and above the SQL.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- **H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- **K** Sample analyzed outside of recommended hold time.
- * Outside XENCO'S scope of NELAC Accreditation

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(210) 509-3334	(201) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555
	(281) 589-0692 (214) 902 0300 (210) 509-3334 (813) 620-2000



Project Name: Frisco-Skelly # 1

Work Order #: 290374

Project ID: 2004-00196

Lab Batch #: 705455

Sample: 290374-001 / SMP

Batch: 1

Matrix: Water

Units: mg/L	SU	RROGATE R	ECOVERY	STUDY	
BTEX by EPA 8021B	Amount Found [A]	True Amount {B}	Recovery %R	Control Limits %R	Flags
Analytes			[D]		
1,4-Difluorobenzene	0.0314	0.0300	105	80-120	
4-Bromofluorobenzene	0.0273	0.0300	91	80-120	

Lab Batch #: 705455

Sample: 290374-002 / SMP

Batch: 1

Matrix: Water

Units: mg/L	SU	RROGATE R	RECOVERY	STUDY	
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes		}.	[D]		İ
1,4-Difluorobenzene	0.0315	0.0300	105	80-120	
4-Bromofluorobenzene	0.0262	0.0300	87	80-120	

Lab Batch #: 705455

Sample: 290374-003 / SMP

Batch: 1

Matrix: Water

Units: mg/L	SU	RROGATE R	ECOVERY	STUDY	
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes			[D]		
1,4-Difluorobenzene	0.0316	0.0300	105	80-120	
4-Bromofluorobenzene	0.0267	0.0300	89	80-120	

Lab Batch #: 705455

Sample: 499946-1-BKS / BKS

Batch: 1

Matrix: Water

Units: mg/L	SU	RROGATE R	RECOVERY	STUDY	
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes			[D]		
1,4-Difluorobenzene	0.0334	0.0300	111	80-120	
4-Bromofluorobenzene	0.0298	0.0300	99	80-120	

Lab Batch #: 705455

Sample: 499946-1-BLK / BLK

Batch: 1

Matrix: Water

Units: mg/L	SU	RROGATE R	ECOVERY	STUDY	
BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0317	0.0300	106	80-120	
4-Bromofluorobenzene	0.0272	0.0300	91	80-120	

^{**} Surrogates outside limits; data and surrogates confirmed by reanalysis

Surrogate Recovery [D] = 100 * A / B

^{***} Poor recoveries due to dilution



Project Name: Frisco-Skelly # 1

Work Order #: 290374

Project ID: 2004-00196

Lab Batch #: 705455

Sample: 499946-1-BSD / BSD

Matrix: Water Batch:

Units: mg/L	SU	RROGATE R	ECOVERY S	STUDY	
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes			[D]		
1,4-Difluorobenzene	0.0292	0.0300	97	80-120	
4-Bromofluorobenzene	0.0269	0.0300	90	80-120	

Surrogate Recovery [D] = 100 * A / B

^{**} Surrogates outside limits; data and surrogates confirmed by reanalysis

^{***} Poor recoveries due to dilution



BS / BSD Recoveries

Project Name: Frisco-Skelly #1

Work Order #: 290374

Analyst: SHE

Lab Batch ID: 705455

Sample: 499946-1-BKS

Batch #: 1

Date Prepared: 10/01/2007

Project ID: 2004-00196 **Date Analyzed:** 10/01/2007

Matrix: Water

Units: mg/L		BLAN	K/BLANKS	SPIKE / B	LANK S	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY	ICATE I	RECOVE	RY STUD	Y	
BTEX by EPA 8021B	Blank Sample Result [A]	Spike Added	Blank Spike Result	Blank Spike %R	Spike Added	Blank Spike Duplicate	BIk. Spk Dup. %R	RPD	Control Limits %R	Control Limits %RPD	Flag
Analytes		[B]	[C]	ē	亘	Result [F]	<u>5</u>	-			
Всписте	QN	0.1000	0.0948	95	0.1	9680'0	06	9	70-125	25	
Toluene	QN	0.1000	0.0951	95	0.1	0.0894	68	9	70-125	25	
Ethylbenzene	ND	0.1000	0.0972	64	0.1	0.0917	92	9	71-129	25	
m,p-Xylenc	QN	0.2000	0.1925	96	0.2	0.1821	16	9	70-131	25	
o-Xylene	ND	0.1000	0.0963	96	0.1	0.0907	91	9	71-133	25	

Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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12600 West i-20 East Phone: 432-563-1800 Odessa, Texas 79765 Fax: 432-563-1713

TAT brabnat2 FedEx Lone Star NPDES SUSH TAT (Pre-Schodule) 24, 48, 72 hra zzzzzz 4.0 TRRP M.G.R.M. BCI Labels on container(s)
Custody seals on container(s)
Custody seals on cooler(s) Project Name: FRISCO-SKELLY # 1 by Sampler/Client Rep. ?
by Counier? UPS I Temperature Upon Receipt: BTEX 80218/5030 OF BTEX 8260 X × VOCs Free of Headspace? Sample Containers Intact? PO #: PAA - C. J. Reynolds Laboratory Comments Sample Hand Delivered SHIPPOATUR Project Loc: Lea County, NM Project #: 2004-00196 [X] Standard Metais: As Ag Ba Cd Cr Pb Hg Se TOUR TOTAL SAR / ESP / CEC Anions (Ct. SO4. Alkalinity) Cations (Ca. Mg. Na. K) Report Format: 9001 XT 1X 1002 Нал 2:32 Щe 80158 MS108 1.811 :Hau **₹** ₹0 57.07 Other (Specify) kdutton@basinenv.com PHON ö COSSEN HOEN 'OS²H (505) 396-1429 HCI (NOV X S) × €ONH 931 × × 7 7 otal # of Containers Fax No: e-mail: 1050 1140 1300 Time Sampled 2 Received by ELOT PAGE 01 OF 24-Sep-07 24-Sep-07 24-Sep-07 leceixed by Basin Environmental Service Technologies, LLC Date Sampled 06:40 Ending Depth 8 Atded gninniged さるよだっと Lovington, NM 88260 2800 Plains Hwy (505) 441-2124 Ken Dutton FIELD CODE MW-1 MW-2 MW-3 7011274 Company Address: Sampler Signature: Project Manager: Company Name Telephone No: City/State/Zip: Special Instructions: ORDER #: (lab use only 6 02 (yino seu dei) # 8A_

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client:	Basin / Plains				
Date/ Time:	9:27:07 2:30				
Lab ID#:	290374				
Initials:	aL				
	Sample Receipt	Checklist			
				Client Initial	\$
#1 Tempera	ature of container/ cooler?	Yes	No	4.0 °C]
	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	
	Custody present?	(es)	No		
#6 Sample	instructions complete of Chain of Custody?	(es)	No]
#7 Chain of	Custody signed when relinquished/ received?	des)	No]
#8 Chain of	Custody agrees with sample label(s)?	(es)	No	ID written on Cont./ Lid]
#9 Containe	er label(s) legible and intact?	/es	. No	Not Applicable]
#10 Sample	matrix/ properties agree with Chain of Custody?	(es)	No		1
#11 Contain	ers supplied by ELOT?	(es)	No		7
#12 Sample	s in proper container/ bottle?	Ves	No	See Below]
#13 Sample	s properly preserved?	(es)	No	See Below	1
#14 Sample	bottles intact?	(es)	No		7
#15 Preserv	vations documented on Chain of Custody?	(Yes)	No		7
#16 Contain	ers documented on Chain of Custody?	Yes	No		1
#17 Sufficie	nt sample amount for indicated test(s)?	Yes	No	See Below	1
#18 All sam	ples received within sufficient hold time?	Yes	No	See Below	1
#19 Subcon	tract of sample(s)?	Yes	No	Alot Applicable	7
#20 VOC sa	amples have zero headspace?	⊘ es	No	Not Applicable	7
Contact:	Variance Docur Contacted by:	nentation		Date/ Time:	
Regarding:					
Corrective A	ction Taken:				
Check all tha	See attached e-mail/ fax Client understands and woul Cooling process had begun				

Analytical Report 293981

for

PLAINS ALL AMERICAN EH&S

Project Manager: JIMMY BRYANT

Frisco-Skelly #1 2004-00196

10-DEC-07



12600 West I-20 East Odessa, Texas 79765

A Xenco Laboratories Company

Texas certification numbers: Houston, TX T104704215

Florida certification numbers:
Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

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10-DEC-07

Project Manager: JIMMY BRYANT
PLAINS ALL AMERICAN EH&S
1301 S. COUNTY ROAD 1150
Midland, TX 79706

Reference: XENCO Report No: 293981

Frisco-Skelly #1

Project Address: Lea County, NM

JIMMY BRYANT:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 293981. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 293981 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron, II

Odessa Laboratory Manager

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Sample Cross Reference 293981

PLAINS ALL AMERICAN EH&S, Midland, TX

Frisco-Skelly #1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-I	. W	Nov-29-07 12:43		293981-001
MW-2	W	Nov-29-07 13:44		293981-002
MW-3	W	Nov-29-07 14:50		293981-003



Contact: JIMMY BRYANT

Project Id: 2004-00196

Project Location: Lea County, NM

Certificate of Analysis Summary 293981 PLAINS ALL AMERICAN EH&S, Midland, TX

Project Name: Frisco-Skelly #1

Date Received in Lab: Tue Dec-04-07 12:45 pm

Project Manager: Brent Barron, II

Report Date: 10-DEC-07

	Lab Id:	293981-001	293981-002	293981-003	
Analysis Bonnestod	Field Id:	MW-1	MW-2	MW-3	
naisanhan sistinuk	Depth:				
	Matrix:	WATER	WATER	WATER	
	Sampled:	Nov-29-07 12:43	Nov-29-07 13:44	Nov-29-07 14:50	
BTEX by EPA 8021B	Extracted:	Dec-06-07 12:45	Dec-05-07 11:30	Dec-05-07 11:30	
	Analyzed:	Dec-06-07 16:27	Dec-06-07 00:42	Dec-06-07 00:59	
	Units/RL:	mg/L RL	mg/L RL	mg/L RL	
Benzenc		ND 0.0010	0.0033 0.0010	0.0012 0.0010	
Toluene		ND 0.0020	ND 0.0020	ND 0.0020	
Ethylbenzene		ND 0.0010	ND 0.0010	ND 0.0010	
m,p-Xylenes		ND 0.0020	ND 0.0020	ND 0.0020	
o-Xylene		ND 0.0010	ND 0.0010	ND 0.0010	
Xylenes, Total		QN	QN	QN	
Total BTEX		ND	0.0033	0.0012	

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and restills expressed throughout the analytical report present the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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Odessa Laboratory Director

MANGO Laboratories

Flagging Criteria

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F RPD exceeded lab control limits.
- J The target analyte was positively identified below the MQL and above the SQL.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- **H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- **K** Sample analyzed outside of recommended hold time.
- * Outside XENCO'S scope of NELAC Accreditation

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Project Name: Frisco-Skelly #1

Work Order #: 293981

Lab Batch #: 709872

Sample: 293981-002/SMP

Project ID: 2004-00196

Batch:

Matrix: Water

Units: mg/L	SU	RROGATE R	ECOVERY	STUDY	
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes			[D]		
1,4-Difluorobenzene	0.0321	0.0300	107	80-120	
4-Bromofluorobenzene	0.0249	0.0300	83	80-120	

Lab Batch #: 709872

Sample: 293981-003 / SMP

Batch: 1

Matrix: Water

Units: mg/L	SU	RROGATE R	ECOVERY	STUDY	
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes			[D]		
1,4-Difluorobenzene	0.0315	0.0300	105	80-120	
4-Bromofluorobenzene	0.0253	0.0300	84	80-120	

Lab Batch #: 709872

Sample: 502211-1-BKS / BKS

Batch: 1

Matrix: Water

Units: mg/L	SU	RROGATE R	ECOVERY :	STUDY	
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes			[D]		
1,4-Difluorobenzene	0.0289	0.0300	96	80-120	
4-Bromofluorobenzene	0.0279	0.0300	93	80-120	

Lab Batch #: 709872

Sample: 502211-1-BLK / BLK

Batch: 1

Matrix: Water

Units: mg/L	SU	RROGATE R	ECOVERY	STUDY	
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes			[D]		
1,4-Difluorobenzene	0.0317	0.0300	106	80-120	
4-Bromofluorobenzene	0.0261	0.0300	87	80-120	

Lab Batch #: 709872

Sample: 502211-1-BSD / BSD

Batch: 1

Matrix: Water

Units: mg/L	SU	RROGATE R	ECOVERY	STUDY	* .
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes			121		
1,4-Difluorobenzene	0.0293	0.0300	98	80-120	
4-Bromofluorobenzene	0.0275	0.0300	92	80-120	

^{**} Surrogates outside limits; data and surrogates confirmed by reanalysis

Surrogate Recovery [D] = 100 * A / B

^{***} Poor recoveries due to dilution



Project Name: Frisco-Skelly #1

Work Order #: 293981

Lab Batch #: 710056

Project ID: 2004-00196

Sample: 293896-054 S / MS

Batch: 1

Matrix: Water

Units: mg/L	SU	RROGATE R	ECOVERY	STUDY	
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes			{D}		
1,4-Difluorobenzene	0.0295	0.0300	98	80-120	
4-Bromofluorobenzene	0.0276	0.0300	92	80-120	

Lab Batch #: 710056

Sample: 293896-054 SD / MSD

Batch: 1

Matrix: Water

Units: mg/L	SURROGATE RECOVERY STUDY						
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags		
Analytes			[D]				
1,4-Difluorobenzene	0.0296	0.0300	99	80-120			
4-Bromofluorobenzene	0.0280	0.0300	93	80-120			

Lab Batch #: 710056

Sample: 293981-001 / SMP

Batch: 1

Matrix: Water

Units: mg/L	SURROGATE RECOVERY STUDY						
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags		
Analytes		1	[D]				
1,4-Difluorobenzene	0.0312	0.0300	104	80-120			
4-Bromofluorobenzene	0.0245	0.0300	82	80-120			

Lab Batch #: 710056

Sample: 502290-1-BKS / BKS

Batch: 1

Matrix: Water

Units: mg/L	SURROGATE RECOVERY STUDY							
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags			
Analytes			[D]					
1,4-Difluorobenzene	0.0288	0.0300	96	80-120				
4-Bromofluorobenzene	0.0273	0.0300	91	80-120				

Lab Batch #: 710056

Sample: 502290-1-BLK / BLK

Batch: 1

Matrix: Water

Units: mg/L	SURROGATE RECOVERY STUDY							
BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags			
1,4-Difluorobenzene	0.0310	0.0300	103	80-120				
4-Bromofluorobenzene	0.0261	0.0300	87	80-120	-			

^{**} Surrogates outside limits; data and surrogates confirmed by reanalysis

Surrogate Recovery [D] = 100 * A / B

^{***} Poor recoveries due to dilution



Project Name: Frisco-Skelly #1

Work Order #: 293981

Project ID: 2004-00196

Lab Batch #: 710056

Sample: 502290-1-BSD / BSD

Matrix: Water

Units: mg/L SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes	, ,	,,	[D]		
1,4-Difluorobenzene	0.0289	0.0300	96	80-120	
4-Bromofluorobenzene	0.0273	0.0300	91	80-120	

^{**} Surrogates outside limits; data and surrogates confirmed by reanalysis

^{***} Poor recoveries due to dilution Surrogate Recovery [D] = 100 * A / B



BS / BSD Recoveries

Project Name: Frisco-Skelly #1

Work Order #: 293981

Analyst: SHE

Lab Batch ID: 709872

Date Prepared: 12/05/2007

Project ID: 2004-00196 **Date Analyzed:** 12/05/2007

Matrix: Water

Sample: 502211-1-BKS

Batch #: 1

Units: mg/L		BLAN	BLANK/BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY	SPIKE / B	TANK S	PIKE DUPL	ICATE F	SECOVE	RY STUD	Y	
BTEX by EPA 8021B	Blank Sample Result [A]	Spike Added	Blank Spike Result	Blank Spike %R	Spike Added	Blank Spike Duplicate	Blk. Spk Dup. %R	RPD	Control Limits	Control Limits	Flag
Analytes		<u>B</u>	<u>[</u>	<u>a</u>	[E]	Result [F]	<u>5</u>				
Benzene	QN	0.1000	0.0970	-64	0.1	0.0936	94	4	70-125	25	
Toluene	QN	0.1000	0.0953	95	0.1	0.0933	93	2	70-125	25	
Ethylbenzene	QN.	0.1000	0.0955	96	0.1	0.0934	93	2	71-129	25	
m,p-Xylenes	QN	0.2000	0.1863	93	0.2	0.1821	16	2	70-131	25	
o-Xylene	. QN	0.1000	0.0956	96	0.1	0.0935	94	2	71-133	25	

Analyst: SHE

Date Prepared: 12/06/2007

Date Analyzed: 12/06/2007 Matrix: Water

> Sample: 502290-1-BKS Lab Batch ID: 710056

Batch #: 1

Units: mg/L		BLAN	BLANK/BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY	PIKE / B	LANKS	PIKE DUPI	ICATE 1	RECOVE	RY STUD	Y	
BTEX by EPA 8021B	Blank Sample Result	Spike Added	Blank Spike	Blank Spike	Spike Added	Blank Spike	Blk. Spk Dup.	RPD	Control Limits	Control Limits	Flag
Analytes	<u>₹</u>	[8]	Result [C]	%R [D]	<u> </u>	Duplicate Result [F]	%R [G]	%	%В	%RPD)
Benzene	QN	0.1000	0.0870	87	0.1	0.0889	68	2	70-125	25	
Toluene	QN	0.1000	0.0872	87	0.1	0.0892	68	2	70-125	25	
Ethylbenzene	QN	0.1000	0.0907	16	0.1	0.0924	92	2	71-129	25	
m,p-Xylenes	Q.	0.2000	0.1781	68	0.2	0.1813	16	2	70-131	25	
o-Xylene	ND	0.1000	0.0895	06	0.1	0.0918	92	3	71-133	25	

Relative Percent Difference RPD = 200*[(D-F)/(D+F)] Blank Spike Recovery [D] = 100*(C)/[B] Blank Spike Duplicate Recovery [G] = 100*(F)/[E] All results are based on MDL and Validated for QC Purposes



Form 3 - MS / MSD Recoveries

Project Name: Frisco-Skelly #1

Work Order #: 293981

Lab Batch ID: 710056

Date Analyzed: 12/06/2007

Reporting Units: mg/L

QC-Sample ID: 293896-054 S Date Prepared: 12/06/2007

Batch #: Analyst:

SHE

Matrix: Water

Project ID: 2004-00196

Keporing Units: mg/L		Σ	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY	E/MATI	RIX SPIF	KE DUPLICAT	re reco	VERY S	TUDY		
BTEX by EPA 8021B	Parent Sample		Spiked Sample Result	Spiked Sample	Spike	Duplicate Spiked Sample	Spiked Dup.	RPD	Control Limits	Control Limits	Flag
Analytes	Result [A]	Added [B]	[C] %R	. <u>6</u>	Added [E]	Result [F]	%R [G]	%	%R	%RPD)
Benzene	0.0054	0.1000	0.0859	18	0.1000	0980:0	18	0	70-125	25	
Toluene	QN	0.1000	0.0858	98	0.1000	0.0863	98	0	70-125	25	
Ethylbenzene	QX	0.1000	0.0892	68	0.1000	0.0900	06	1	71-129	25	
m,p-Xylenes	QN	0.2000	0.1740	.87	0.2000	0.1758	88	1	70-131	25	
o-Xylene	QN	0001'0	0.0901	06	0.1000	0.0910	16	1	71-133	25	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B Relative Percent Difference RPD = 200*(D-G)/(D+G)

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Environmental Lab of Texas

And the state of t

Phone: 432-563-1800 Fax: 432-563-1713 CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST Odessa, Texas 79765 12600 West I-20 East

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TAT bisbrist2 NPDES RUSH TAT (Pre-Schodule) 24, 48, 72 hrs zzzzzz TRRP M.A.O.M. SCI Project Name: FRISCO-SKELLY # 1 Labels on container(s)
Custody seals on container(s)
Custody seals on cooler(s) × BTEX 8021B/5030 of BTEX 8260 Sample Containers Intact? /OCs Free of Headspace? PO #; PAA - C. J. Reynolds Analyze For Project Loc: Lea County, NIM X Standard Project #: 2004-00196 Netels: As Ag Ba Cd Cr Pb Hg So TCLP: SARVESPICEC TOTAL Antions (Cl. 504, Alkalinity) Cations (Ca, Mg, Na, K) Report Format 9001 XI 2001 XT Hel acros MS108 1.814 S S S ₹0 85 CW = Ground OCCUPATION WATER SE-SAUGGO Oliver (Specify) kdufton@basinenv.com Preservation & # of Containers COSSEN HOEN *OS*H HCI (NOV X S) (505) 396-1429 × × × нио 901 × × Total #, of Containers 2 7 benetiili bial e-mail: Fax No: 1243 1344 1450 Time Sampled 9 91 05 29-Nov-07 29-Nov-07 29-Nov-07 Received by Basin Environmental Service Technologies, LLC Date Sampled Ending Depth Beginning Depth Lovington, NM 88260 2800 Plains Hwy (505) 441-2124 19 Ken Dutton FIELD CODE MW-2 MW-3 Company Address: Sampler Signature: Project Manager: Company Name Telephone No: City/State/Zip: Special Instructions (lab use only) ORDER #: (yino seu dai) # 8AJ

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emperature Upon Receipt:

Time

1.4.07

by Sampler/Client Rep. ? by Courier? UPS

Sample Hand Delivered

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8:00

to+0 Date

Relinquished by.

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Environmental Lab of Texas

Client: Davin WVn. Mulli				
Pate/ Time: 12/04/57 12:45			1	
ab ID#: 29398/				
nitials; <u>gw</u>				
V				
Sample Receipt	Checklist			
1 Temperature of container/ cooler?	Yes	No	Client Init	ials
2 Shipping container in good condition?	Yes	No		
3 Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present	-
Custody Seals intact on sample bottles/ container?	Yes	No	Not Present	-
5 Chain of Custody présent?	Yes	No	HOLLICSCIN	\dashv
6 Sample instructions complete of Chain of Custody?	Yes	No		\dashv
7 Chain of Custody signed when relinquished/ received?	Yes	No		\dashv
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	\dashv
10 Sample matrix/ properties agree with Chain of Custody?	Yes	No	Not riphicable	\dashv
11 Containers supplied by ELOT?	Yes	No		-
12 Samples in proper container/ bottle?	Yes	No	See Below	\dashv
13 Samples properly preserved?	Yes	No	See Below	\neg
14 Sample bottles intact?	Yes	No	000 0000	\dashv
Preservations documented on Chain of Custody?	Yes	No		\neg
#16 Containers documented on Chain of Custody?	Yes	No		\neg
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 Subcontract of sample(s)?	Yes	No	Not Applicable	\dashv
#20 VOC samples have zero headspace?	Yes	No	Not Applicable	
20 VOC samples have zero neadapace?	1 100	110	1 Not Applicable	
Variance Docur	nentation			
	•			
Contact: Contacted by:		_	Date/ Time:	
•		•	and the colour first and approximate the colour first and approxim	
Regarding:				
Corrective Action Taken:			•	
		······································		
Check all that Apply: See attached e-mail/ fax				
Client understands and woul Cooling process had begun	•		•	

APPENDIX B

RELEASE NOTIFICATION AND CORRECTIVE ACTION (FORM C-141)

1625 N. French Dr., Hobbs, NM 88240 1301 W. Grand Avenue, Artesia, NM 88210 District III

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State of New Mexico **Energy Minerals and Natural Resources**

Form C-141 Revised October 10, 2003

Oil Conservation Division

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

Attached

1000 Rio Brazos Road, Aztec, NM 87410 1220 South St. Francis Dr. District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 side of form Santa Fe, NM 87505 **Release Notification and Corrective Action** Chitial Reg **OPERATOR** Report Name of Company Plains Marketing, LP Contact Camille Reynolds Telephone No. 505-441-0965 Address 5805 East Hwy. 80, Midland, TX 79706 Facility Name Frisco Skelly #1 Facility Type 4"Steel Pipeline Surface Owner City of Lovington Mineral Owner Lease No. 153426> LOCATION OF RELEASE Township Unit Letter Section Range Feet from the North/South Line Feet from the East/West Line County P 36 36E 16S Lca Latitude 32° 52'20.0" Longitude 103°18'12.2" NATURE OF RELEASE Type of Release Crude Oil Volume of Release 25 harrels Volume Recovered 0 barrels Source of Release 4" Steel Pipeline Date and Hour of Occurrence Date and Hour of Discovery 9-20-04@08:45 9-20-04 @ 9:00 Was Immediate Notice Given? If YES, To Whom? Larry Johnson By Whom? Camille Reynolds Date and Hour 9-20-04 @ 15:10 Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. ☐ Yes ☒ No 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. OIL CONSERVATION DIVISION Signature: Approved by District Supervisor: Printed Name: Camille Reynolds Expiration Date: **Title: Remediation Coordinator** Approval Date:

Conditions of Approval:

Phone:505-441-0965

E-mail Address: cjreynolds@paalp.com