N.J 23

# SITE CLOSURE REQUEST

## HUGH GATHERING 4-INCH TO NEDU SE ¼, NE ¼, SECTION 3, TOWNSHIP 22 SOUTH, RANGE 37 EAST SOUTHEAST OF EUNICE LEA COUNTY, NEW MEXICO SRS #: 2007-00027 RP #1176

Prepared for:

Plains Marketing, L.P. 333 Clay Street, Suite 1600 Houston, Texas 77002



Prepared by:

NOVA Safety and Environmental 2057 Commerce Drive Midland, Texas 79703

July 2007

Curt D. Stanley

Project Manager

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

# **TABLE OF CONTENTS**

1.0	INTRODUCTION AND SITE BACKGROUND	1
2.0	NMOCD SITE CLASSIFICATION	1
3.0	SUMMARY OF FIELD ACTIVITIES	1
4.0	SITE CLOSURE REQUEST	2
5.0	LIMITATIONS	2
6.0	DISTRIBUTION	4

# **FIGURES**

Figure 1:	Site Location Map
Figure 2:	Site Map and Sample Locations

# TABLES

## APPENDICES

Appendix A:	Laboratory Reports
Appendix B:	Request for Approval to Accept Solid Waste (Form C-138)
Appendix C:	Release Notification and Corrective Action (Form C-141)

## **1.0 INTRODUCTION AND SITE BACKGROUND**

On behalf of Plains Marketing, L.P. (Plains), NOVA Safety and Environmental (NOVA) has prepared this Site Closure Request for the site known as Hugh Gathering 4-Inch to NEDU (Plains SRS # 2007-00027). The site is located in the SE <sup>1</sup>/<sub>4</sub> NE <sup>1</sup>/<sub>4</sub>, Section 3, Township 22 South, Range 37 East, Lea County, New Mexico and the site is located on property is owned by Targa Midstream.

On January 12, 2007, Plains reported a fifteen barrel release of crude oil from a 4-inch pipeline located approximately one-half mile southeast of Eunice, New Mexico. A vacuum truck recovered approximately three barrels of crude oil immediately following the release, resulting in a net loss of twelve barrels of crude oil. The resulting surface stain attributed to the release was approximately ninety feet in length and twenty feet in width. The release was the result of external corrosion of the 4 inch steel pipeline. A site location map is provided as Figure 1. The Release Notification and Corrective Action (Form C-141) is provided as Appendix C.

## 2.0 NMOCD SITE CLASSIFICATION

According to data obtained from the New Mexico Office of the State Engineer (NMOSE), no water wells are recorded in Section 3 of the above reference township. A two mile diameter search of the NMOSE database for water wells in surrounding sections indicates groundwater depths range from 65 to 100 feet below ground surface (bgs). This depth to groundwater results in a score of 10 being assigned to this site based on the NMOCD ranking criteria. The distance to the nearest water source exceeds 1,000 feet, resulting in no points being assigned to the site on this ranking criterion. There is no surface water body located with 1,000 feet of the site, resulting in no points being assigned on this ranking criterion.

The NMOCD's *Guidelines for Remediation of Leaks, Spills and Releases* (NMOCD, 1993), indicates the Hugh Gathering 4-Inch to NEDU site has a ranking score of 10 points. The soil cleanup levels for a site with a ranking of 10 require benzene concentrations below 10 mg/Kg, total benzene, toluene, ethylbenzene and xylene (BTEX) concentrations below 50 mg/Kg and total petroleum hydrocarbons gasoline range organics / diesel range organics (TPH-GRO/DRO) concentrations below 1,000 mg/Kg.

## **3.0 SUMMARY OF FIELD ACTIVITIES**

January 16 through January 25, 2007, a backhoe was utilized to excavate hydrocarbon impacted soil at the site. Approximately 450 cubic yards (cy) of impacted soil was excavated and stockpiled on plastic pending the collection of analytical soil samples.

On February 7, 2007, soil samples were collected from each of the four excavation sidewalls (NSW, WSW, SSW and ESW) and two soil samples (BH-1 and BH-2) were collected from the floor of the excavation. All soil samples were collected utilizing industry standard sampling protocol and were transported to TraceAnalysis of Lubbock, Texas. The soil samples were analyzed for concentrations of total petroleum hydrocarbon (TPH) utilizing EPA Method 8015M

(GRO/DRO). A site map illustrating site details, pipeline locations and soil sample locations is provided as Figure 2.

The analytical results of the soil samples collected on February 7, 2007 indicated total TPH concentrations ranged from 6.17 mg/Kg to <50 mg/Kg. The analytical results are summarized in Table 1 (Concentrations of TPH in Soil). Laboratory reports are provided in Appendix A.

On February 24, 2007, a meeting was held at the NMOCD district office in Hobbs, New Mexico to address the proposed backfilling of the site and disposition of the stockpiled soil on site. Plains proposed to segregate the caliche from the stockpiled soil utilizing a mechanical screener and partially backfill the excavation with the segregated caliche. The impacted soil segregated during the screening activities would then be transported to the Plains Lea Station Land Farm in Lea County for treatment. Remediated soil meeting NMOCD standards for reuse would then be transported from the Lea Station Land Farm to complete the backfilling of the excavation.

The NMOCD approved the proposed closure strategy and backfilling of the site. On February 26, 2007, a Request for Approval to Accept Solid Waste (Form C-138) was submitted and approved by the NMOCD. The Request for Approval to Accept Solid Waste (Form C-138) is provided as Appendix B. Following the approval of the Form C-138, the closure strategy was implemented as approved.

During screening activities approximately 250 cy of caliche was segregated and placed in the excavation. Approximately 216 cy of impacted soil was transported to the Plains Lea Station Land Farm for remediation. Approximately 216 cy of remediated soil was transported to the site from the Plains Lea Station Land Farm and placed in the excavation in twelve-inch lifts and compacted to complete the backfilling activities. The site surface was contoured to the surrounding topography to complete the site restoration.

## 4.0 SITE CLOSURE REQUEST

Based on the analytical results of confirmation soil samples obtained from the floor and sidewalls of the excavation, NOVA recommends that Plains provide the NMOCD Hobbs district office a copy of this Site Closure Request and request the NMOCD grant closure to the Hugh Gathering 4-Inch to NEDU release site.

## 5.0 LIMITATIONS

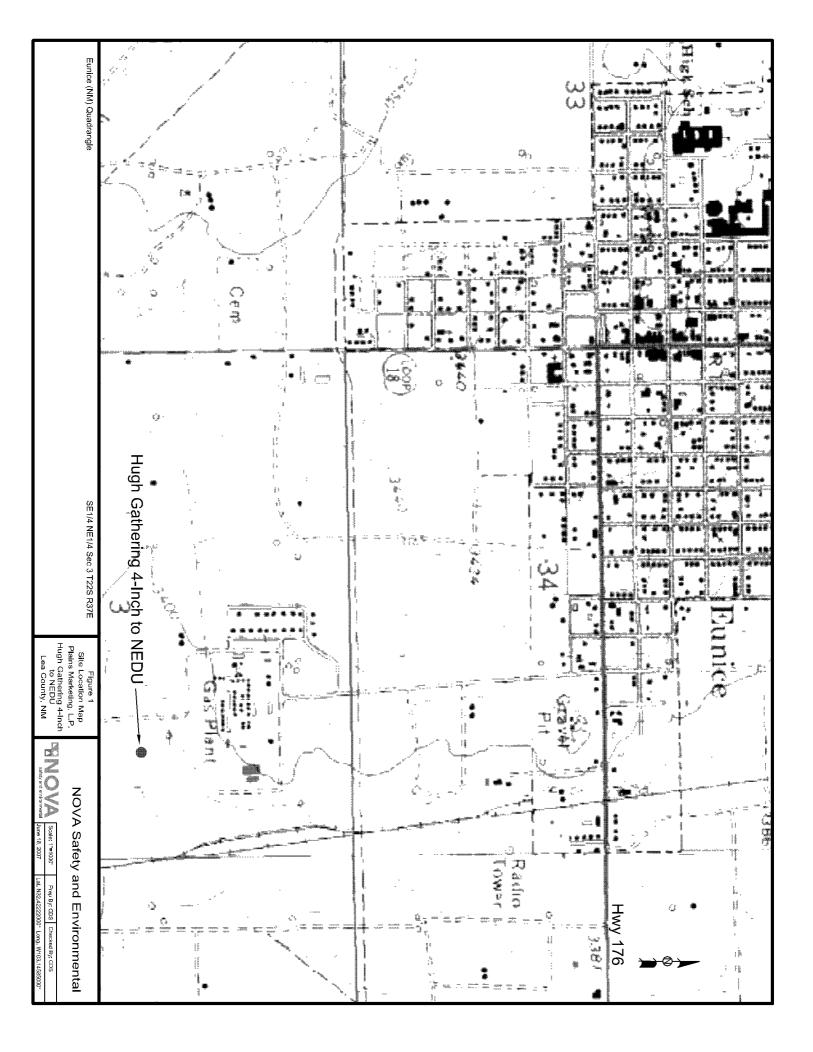
NOVA has prepared this *Site Closure Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. NOVA has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. NOVA has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. NOVA has prepared this report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. NOVA also notes that the facts and conditions referenced in this report may change

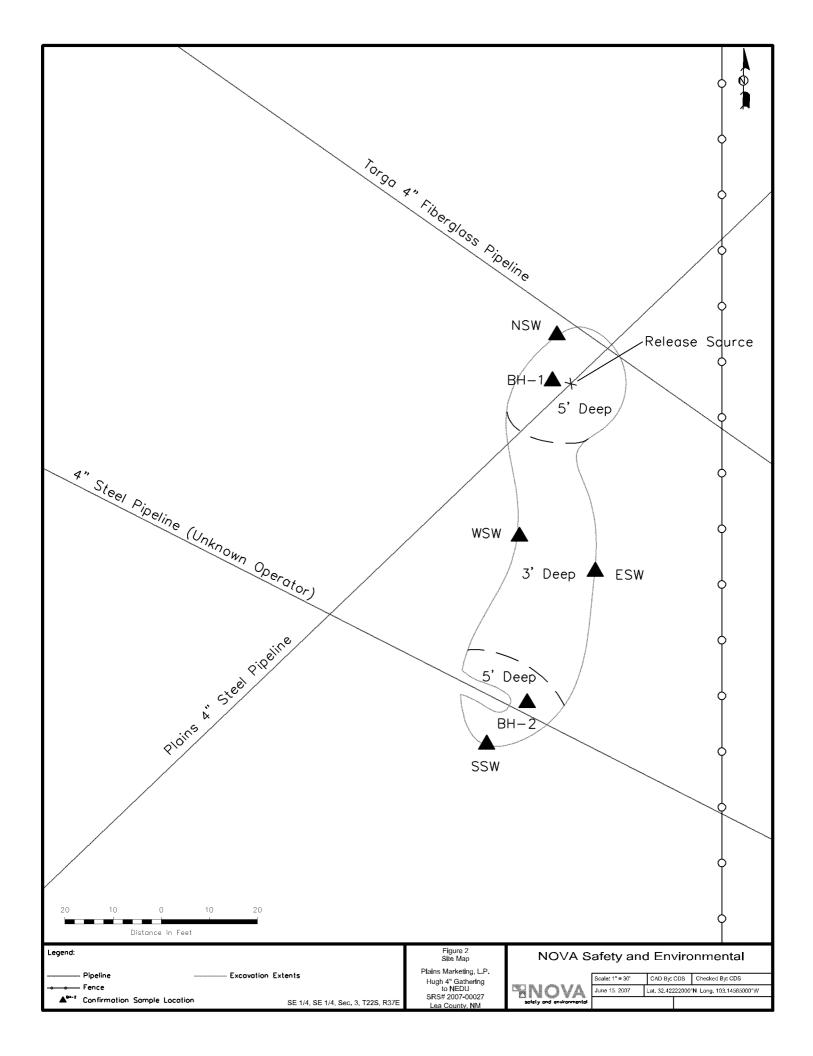
over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

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

## 6.0 **DISTRIBUTION**

Copy 1:	Larry Johnson and Pat Richards New Mexico Energy, Minerals and Natural Resources Department
	Oil Conservation Division (District 1)
	1625 French Drive
	Hobbs, NM 88240
Copy 2:	Camille Reynolds
	Plains Marketing, L.P.
	3112 Highway 82
	Lovington, New Mexico
	cjreynolds@paalp.com
Copy 3:	Jeff Dann
	Plains Marketing, L.P.
	333 Clay Street, Suite 1600
	Houston, Texas 77002
	jpdann@paalp.com
Copy 4:	NOVA Safety and Environmental.
	2057 Commerce Drive
	Midland, Texas 79703
	cstanley@novatraining.cc





### TABLE 1

#### PLAINS MARKETING, L.P. Hugh 4" Gathering to NEDU Southeast of Eunice, NM PLAINS SRS NO: 2007-00027

SAMPLE LOCATION	SAMPLE DATE	TPH DRO DRO	TPH GRO GRO	Total TPH
NSW	02/07/07	<50.0	<1	<50.0
ESW		<50.0	<1	<50.0
SSW		<50.0	<1	<50.0
WSW		<50.0	<1	<50.0
BH-1		<50.0	<1	<50.0
BH-2		<50.0	6.17	6.17



6701 Aberdeen Avenue, Suite 9 155 McCutcheon, Suite H Lubbock, Texas 79424 800 • 378 • 1296 El Paso, Texas 79932 888 • 588 • 3443 E-Mail lab@traceanalysis.com

806•794•1296 FAX 806•794•1298 915•585•3443 FAX 915•585•4944

Report Date: February 9, 2007

7020810

Work Order:

# **Analytical and Quality Control Report**

Jennifer Lange Nova Safety & Environmental 2057 Commerce St. Midland, TX, 79703

Project Location:Southeast of Eunice, NMProject Name:Hugh 4" Gathering to NeduProject Number:2007-00027

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
115846	NSW	soil	2007-02-07	14:00	2007-02-08
115847	ESW	soil	2007-02-07	14:05	2007-02-08
115848	SSW	soil	2007-02-07	14:10	2007-02-08
115849	WSW	soil	2007-02-07	14:15	2007-02-08
115850	BH-1	soil	2007-02-07	14:20	2007-02-08
115851	BH-2	soil	2007-02-07	14:25	2007-02-08

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 10 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Elan Li

Dr. Blair Leftwich, Director

**Standard Flags** 

 $\,B\,\,$  -  $\,$  The sample contains less than ten times the concentration found in the method blank.

# **Analytical Report**

## Sample: 115846 - NSW

QC Batch:	TPH DRO 34448 29902		Date Ana	l Method: lyzed: reparation:	Mod. 8015 2007-02-09 2007-02-09	)	Ana	Method: N/A lyzed By: WR ared By: WR
_			RL					
Parameter	Flag		Result		Units		Dilution	RL
DRO			<50.0		mg/Kg		1	50.0
Surrogate	Flag	Result	Units	Dilu	ition	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane	-	123	mg/Kg		1	150	82	61.7 - 143.2
QC Batch:	<b>346 - NSW</b> TPH GRO 34423 29879		Analytical Date Analy Sample Pr	yzed:	S 8015B 2007-02-08		Prep M Analyz Prepare	ed By: ss
Parameter	Flag		RL Result		Units		Dilution	RL
GRO	6		<1.00		mg/Kg		1	1.00
Surrogate		Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluer			0.842	mg/Kg	1	1.00	84 109	52.4 - 123.7
Sample: 1158	bbenzene (4-BFB)		1.09	mg/Kg	1	1.00	109	67.5 - 140.3
Analysis: QC Batch:	TPH DRO 34448 29902		Date Ana	l Method: lyzed: reparation:	Mod. 8015 2007-02-09 2007-02-09	)	Ana	Method: N/A lyzed By: WR ared By: WR
Parameter	Flag		RL Result		Units		Dilution	RL
DRO			<50.0		mg/Kg		1	50.0
Surrogate	Flag	Result	Units	Dilı	ution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		123	mg/Kg	DIR	1	150	82	61.7 - 143.2
		125			-	100		01.7 110.2

#### Sample: 115847 - ESW

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	34423	Date Analyzed:	2007-02-08	Analyzed By:	SS
Prep Batch:	29879	Sample Preparation:		Prepared By:	SS

			RL					
Parameter	Flag		Result		Units		Dilution	RL
GRO			<1.00		mg/Kg		1	1.00
						Spike	Percent	Recovery
Surrogate		Flag	Result	Units	Dilution	Amount	Recovery	Limits
Trifluorotoluene (TFT)			0.835	mg/Kg	1	1.00	84	52.4 - 123.7
4-Bromofluorobenzene (4-E			1.04	mg/Kg	4	1.00	104	67.5 - 140.3

## Sample: 115848 - SSW

Analysis: QC Batch: Prep Batch:	TPH DRO 34448 29902		Analytical M Date Analyz Sample Prej	zed: 2007-	8015B -02-09 -02-08	Ana	p Method: N/A alyzed By: WR pared By: WR
			RL				
Parameter	F	lag	Result	τ	Jnits	Dilution	RL
DRO			<50.0	mį	g/Kg	1	50.0
Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontan	•	116	mg/Kg	1	150	77	61.7 - 143.2

## Sample: 115848 - SSW

Analysis: QC Batch: Prep Batch:	TPH GRO 34423 29879		Date Ana	al Method: llyzed: reparation:	S 8015B 2007-02-08		Prep Ma Analyza Prepare	ed By: ss
			RL					
Parameter	Flag		Result		Units		Dilution	RL
GRO			<1.00		mg/Kg		1	1.00
Surrogate		Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Sunogate		1 lag	Result	Onto	Difution	7 mount	Recovery	Linnes
Trifluorotolu	iene (TFT)	1 lag	0.841	mg/Kg	1	1.00	84	52.4 - 123.7
Trifluorotolu	nene (TFT) probenzene (4-BFB)	Tiag			1 1		2	

#### Sample: 115849 - WSW

Analysis: QC Batch:	TPH DRO 34448	Analytical Method: Date Analyzed:	Mod. 8015B 2007-02-09		Prep Method: Analyzed By:	
Prep Batch:	29902	Sample Preparation:	2007-02-08		Prepared By:	WR
		RL				
Parameter	Flag	Result	Units	Dilution		RL
DRO		<50.0	mg/Kg	1		50.0

Surrogate	Flag	Result	Units	Dil	ution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane	-	106	mg/Kg		1	150	71	61.7 - 143.2
Sample: 115849	) - WSW							
Analysis: TF	PH GRO		Analytica	l Method:	S 8015B		Prep M	ethod: S 5035
QC Batch: 34	423		Date Ana	lyzed:	2007-02-08		Analyz	ed By: ss
Prep Batch: 29	879		Sample P	reparation:			Prepare	ed By: ss
			RL					
Parameter	Flag		Result		Units		Dilution	RI
GRO			<1.00		mg/Kg		1	1.00
						Spike	Percent	Recovery
Surrogate		Flag	Result	Units	Dilution	*	Recovery	Limits
Trifluorotoluene	(TFT)	U	0.837	mg/Kg	1	1.00	84	52.4 - 123.7
4-Bromofluorobe	enzene (4-BFB)		1.05	mg/Kg	1	1.00	105	67.5 - 140.3
Sample: 115850	) - BH-1							
•	PH DRO		Analytic	al Method:	Mod. 8015	D	Dron	Method: N/A
•	448		Date Ana		2007-02-0		-	lyzed By: WF
-	902			Preparation:	2007-02-0			ared By: WF
2)	, . <b>.</b>		Sampier	reparation	200, 02 0		p	
			RL					
Parameter	Flag		Result		Units		Dilution	RI
ORO			<50.0		mg/Kg		1	50.
						Spike	Percent	Recovery
Surrogate	Flag	Result	Units	Dil	ution	Amount	Recovery	Limits
n-Triacontane		114	mg/Kg		1	150	76	61.7 - 143.2
Sample: 115850								
•	PH GRO		Analytica		S 8015B		Prep M	
	423		Date Ana		2007-02-08		Analyz	•
Prep Batch: 29	879		Sample P	reparation:			Prepare	ed By: ss
	51		RL		<b></b>			
Parameter	Flag		Result		Units		Dilution	
GRO			<1.00		mg/Kg		1	1.00
Surrogata		Elaa	Docult	I In:ta	D:1	Spike Amount	Percent	Recovery
Surrogate Trifluorotoluene	(TFT)	Flag	Result 0.834	Units ma/Ka	Dilution 1	1.00	Recovery 83	Limits 52.4 - 123.7
4-Bromofluorobe			0.834	mg/Kg mg/Kg	1	1.00	83 105	52.4 - 123. 67.5 - 140.1
+-DIOIHOHU01006	Inzene (4-DFD)		1.03	mg/Kg	1	1.00	105	07.3 - 140.

## Sample: 115851 - BH-2

Sample: 115851	- ЫП-2							
~	PH DRO		•	cal Method			-	Method: N/A
	448		Date An		2007-02-09			lyzed By: WR
Prep Batch: 29	902		Sample	Preparation	n: 2007-02-0	8	Prep	ared By: WR
			RL					
Parameter	Flag	•	Result		Units		Dilution	RL
DRO			<50.0		mg/Kg		1	50.0
						Spike	Percent	Recovery
Surrogate	Flag	Result	Units	D	oilution	Amount	Recovery	Limits
n-Triacontane		114	mg/Kg		1	150	76	61.7 - 143.2
Sample: 115851	- BH-2							
Analysis: TF	'H GRO		Analytic	al Method:	S 8015B		Prep M	ethod: S 5035
•	423		Date Ana		2007-02-08		Analyz	
Prep Batch: 29	879		Sample I	Preparation	ı:		Prepare	
<b>D</b>	71		RL		<b>T</b> T <b>T</b> .			DI
Parameter	Flag	8	Result		Units		Dilution	RL
GRO			6.17		mg/Kg		1	1.00
						Spike	Percent	Recovery
Surrogate		Flag	Result	Units	Dilution	Amount	Recovery	Limits
Trifluorotoluene			0.825	mg/Kg	1	1.00	82	52.4 - 123.7
4-Bromofluorobe	enzene (4-BFB)		1.13	mg/Kg	1	1.00	113	67.5 - 140.3
	<ol> <li>QC Batch</li> <li>423</li> <li>879</li> </ol>	: 34423		nalyzed: eparation: M	2007-02-08 2007-02-08 DL			alyzed By: ss epared By: ss
Parameter		Flag		Res		U	Inits	RL
GRO				<0.7	739	m	g/Kg	1
						Spike	Percent	Recovery
			D 1	TT .	Dilution		Recovery	Limits
Surrogate		Flag	Result	Units	Dilution	Amount	Recovery	LIIIIIIS
Surrogate Trifluorotoluene	(TFT)	Flag	0.900	mg/Kg		1.00	90	52.4 - 123.7

	Method Blank (1)	QC Batch: 34448
--	------------------	-----------------

QC Batch:	34448	Date Analyzed:	2007-02-09	Analyzed By:	WR
Prep Batch:	29902	QC Preparation:	2007-02-09	Prepared By:	WR

Parameter		Flag		MDL Result		Units	RL
DRO				<13.4		mg/Kg	50
Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		124	mg/Kg	1	150	83	61.7 - 143.2

#### Laboratory Control Spike (LCS-1)

QC Batch:	34423	Date Analyzed:	2007-02-08	Analyzed By:	SS
Prep Batch:	29879	QC Preparation:	2007-02-08	Prepared By:	SS

	LCS			Spike	Matrix		Rec.
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit
GRO	7.44	mg/Kg	1	10.0	< 0.739	74	57.7 - 102.5

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

	LCSD			Spike	Matrix		Rec.		RPD
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit	RPD	Limit
GRO	6.67	mg/Kg	1	10.0	< 0.739	67	57.7 - 102.5	11	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

	LCS	LCSD			Spike	LCS	LCSD	Rec.
Surrogate	Result	Result	Units	Dil.	Amount	Rec.	Rec.	Limit
Trifluorotoluene (TFT)	1.15	0.808	mg/Kg	1	1.00	115	81	36.8 - 152.5
4-Bromofluorobenzene (4-BFB)	0.989	0.988	mg/Kg	1	1.00	99	99	70 - 130

#### Laboratory Control Spike (LCS-1)

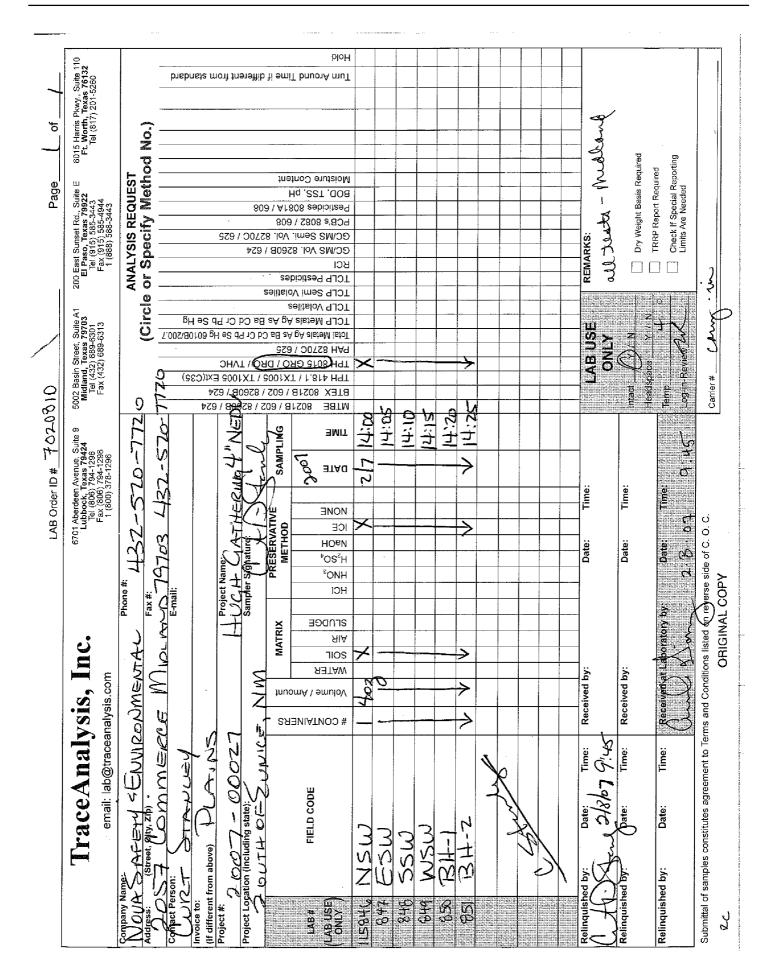
QC Batch:34448Prep Batch:29902				analyzed: eparation:	2007-02- 2007-02-				alyzed By pared By:	
		LCS	5			Spike	Matr	ix		Rec.
Param		Resu	lt	Units	Dil.	Amount	Resu	It Rec.	Ι	Limit
DRO		301	. n	ng/Kg	1	250	<13	.4 120	62.5	- 135.4
Percent recovery is ba	used on the spike		D is base	d on the sp		-	result.			
		LCSD			Spike	Matrix		Rec.		RPD
Param		Result	Units	Dil.	Amount	Result	Rec.	Limit	RPD	Limit
DRO		251	mg/Kg	1	250	<13.4	100	62.5 - 135.4	18	20
Percent recovery is ba	used on the spik	e result. RP	'D is base	d on the sp	ike and spi	ike duplicate	result.			
	LCS	LCSD	)			Spike	LCS	LCSD	]	Rec.
Surrogate	Result	Result	t U	nits	Dil.	Amount	Rec.	Rec.	Ι	Limit
n-Triacontane	123	110	m	g/Kg	1	150	82	73	66.6	- 140.9

•	4423 9879				Analyze Preparatic						nalyzed E epared B	•
тер Баюп. 2	90/9			QUI	reparatic	ын. 2007-0.	2-08			F1	epared B	y: ss
			MS				Spike	M	atrix			Rec.
Param			Resu	lt	Units	Dil.	Amount	Re	esult	Rec.		Limit
GRO			6.60	) 1	mg/Kg	1	10.0	<0	).739	66	10	- 141.:
ercent recover	y is based on t	he spike	result. RP	D is base	ed on the	spike and sp	ike duplicate	result.				
			MSD			Spike	Matrix		I	Rec.		RPI
Param			Result	Units	Dil.	Amount	Result	Rec.		Limit	RPD	Limi
GRO			6.54	mg/Kg	1	10.0	< 0.739	65	10 -	- 141.5	1	20
Percent recover	y is based on t	he spike	result. RP	D is base	ed on the	spike and sp	ike duplicate	result.				
			MS	М	ISD		Sp	ike	MS	MSD	I	Rec.
Surrogate			Resul		esult		Dil. Am	ount	Rec.	Rec.		imit
Frifluorotoluene			0.744			mg/Kg		1	74	76		- 125.3
-Bromofluorob	enzene (4-BF	B)	1.10	1	.10	mg/Kg	1	1	110	110	86.7	- 144.:
C Batch: 34	<b>MS-1)</b> Spik 4448 9902	ed Samp	ole: 115846	Date 4	Analyzed reparation						lyzed By ared By:	
QC Batch: 34 Prep Batch: 29	4448	ed Samp	MS	Date A QC Pr	reparation	n: 2007-02	-09 Spike	Mat		Prep	ared By:	WR Rec.
QC Batch: 34 Prep Batch: 29 Param	4448	ed Samp	MS Resul	Date A QC Pi	reparation		-09 Spike Amount	Res	sult	Prep Rec.	ared By: I	WR Rec. Jimit
QC Batch: 34 Prep Batch: 29 Param DRO	4448		MS Resul 265	Date 2 QC Pr	reparation Units ng/Kg	n: 2007-02 Dil.	-09 Spike Amount 250	Res	sult	Prep	ared By: I	WR Rec. Jimit
QC Batch: 34 Prep Batch: 29 Param DRO	4448		MS Resul 265 result. RP	Date 2 QC Pr	reparation Units ng/Kg	n: 2007-02 Dil. 1 spike and sp	-09 Spike Amount 250 ike duplicate	Res	sult 3.4	Prep Rec. 106	ared By: I	WR Rec. .imit - 168.0
QC Batch: 34 Prep Batch: 29 Param DRO Percent recover	4448	he spike	MS Resul 265 result. RP MSD	Date A QC Pr It D is base	Units Units ng/Kg ed on the	n: 2007-02 Dil. 1 spike and sp Spike	-09 Spike Amount 250 ike duplicate Matrix	Res <1 result.	sult 3.4 R	Prep <u>Rec.</u> 106	ared By: 1 	WR Rec. .imit - 168.0 RPD
QC Batch: 34 Prep Batch: 29 Param DRO Percent recovery Param	4448	he spike	MS Resul 265 result. RP MSD Result	Date 2 QC Pr It D is base Units	Units ng/Kg ed on the Dil.	n: 2007-02 Dil. 1 spike and sp Spike Amount	-09 Spike Amount 250 ike duplicate Matrix Result	Res <1. result. Rec.	sult 3.4 R Li	Prep Rec. 106 Rec. imit	ared By: I 29.7 RPD	WR Rec. .imit - 168. RPE Limi
QC Batch: 34 Prep Batch: 29 Param DRO Percent recover Param DRO	4448 9902 y is based on t	he spike	MS Resul 265 result. RP MSD Result 231	Date A QC Pr lt D is base Units mg/Kg	Units ng/Kg ed on the Dil. 1	n: 2007-02 Dil. 1 spike and sp Spike Amount 250	-09 Spike Amount 250 ike duplicate Matrix Result <13.4	Res <1. result. <u>Rec.</u> 92	sult 3.4 R Li	Prep <u>Rec.</u> 106	ared By: 1 	WR Rec. .imit - 168.0 RPD
QC Batch: 34 Prep Batch: 29 Param DRO Percent recover Param DRO	4448 9902 y is based on t	he spike	MS Resul 265 result. RP MSD Result 231 result. RP	Date 2 QC Pr lt D is base <u>Units</u> mg/Kg D is base	Units ng/Kg ed on the Dil. 1	n: 2007-02 Dil. 1 spike and sp Spike Amount 250	-09 Spike Amount 250 ike duplicate Matrix Result <13.4 ike duplicate	Res <1 result. 92 result.	R 3.4 R Li 29.7	Prep <u>Rec.</u> 106 2ec. imit - 168.6	ared By: 1 29.7 RPD 14	WR Rec. .imit - 168.0 RPD Limi 20
QC Batch: 34 Prep Batch: 29 Param DRO Percent recover Param DRO Percent recover	y is based on t	he spike he spike MS	MS Resul 265 result. RP MSD Result 231 result. RP MSD	Date A QC Pr t D is base Units mg/Kg D is base	Units ng/Kg ed on the Dil. 1 ed on the	n: 2007-02 Dil. 1 spike and sp Spike Amount 250 spike and sp	-09 Spike Amount 250 ike duplicate Matrix Result <13.4 ike duplicate Spike	Res <1 result. 92 result. M	R 3.4 R Li 29.7 S	Prep <u>Rec.</u> 106 2ec. imit - 168.6 MSD	ared By: I 29.7 RPD 14	WR Rec. - 168.0 RPD Limi 20 Rec.
Prep Batch: 29 Param DRO Percent recover Param DRO Percent recover	y is based on t	he spike he spike MS	MS Resul 265 result. RP MSD Result 231 result. RP	Date A QC Pr t D is base Units mg/Kg D is base	Units ng/Kg ed on the Dil. 1 ed on the	n: 2007-02 Dil. 1 spike and sp Spike Amount 250 spike and sp	-09 Spike Amount 250 ike duplicate Matrix Result <13.4 ike duplicate Spike	Res <1 result. 92 result. M	R 3.4 R Li 29.7 S	Prep <u>Rec.</u> 106 2ec. imit - 168.6 MSD	ared By: I 29.7 RPD 14	V Rec. .imit - 16 R Li 2 R R c.
QC Batch:       34         Prep Batch:       29         Param       29         DRO       29         Percent recovery       20         Param       20         Percent recovery       20         Percent recovery       20         Percent recovery       20         Surrogate       1         Triacontane       1	y is based on t	he spike	MS Resul 265 result. RP MSD Result 231 result. RP MSD	Date A QC Pr dt D is base Units mg/Kg D is base	Units ng/Kg ed on the Dil. 1	n: 2007-02 Dil. 1 spike and sp Spike Amount 250	-09 Spike Amount 250 ike duplicate Matrix Result <13.4 ike duplicate	Res <1 result. 92 result.	R 3.4 Li 29.7 S c.	Prep <u>Rec.</u> 106 2ec. imit - 168.6	ared By: I 29.7 RPD 14 I L	W Rec. .imit - 168 RP Lin 20 Rec.
QC Batch:       34         Prep Batch:       29         Param       29         Percent recovery       29         Param       20         Percent recovery       29         Param       20         Percent recovery       20         Percent recovery       20         Percent recovery       20         Percent recovery       20         Surrogate       20         Percentare       20         Standard (ICV)       20	4448 9902 y is based on t y is based on t F -1)	he spike he spike MS Result	MS Result 265 result. RP MSD Result 231 result. RP MSD Result	Date 4 QC Pr It D is base <u>Units</u> mg/Kg D is base t	reparation Units ng/Kg ed on the Dil. 1 ed on the Units ng/Kg	n: 2007-02 Dil. 1 spike and sp Spike Amount 250 spike and sp Dil.	-09 Spike Amount 250 ike duplicate Matrix Result <13.4 ike duplicate Spike Amount 150	Res <1. result. 92 result. M Re	R 3.4 Li 29.7 S c.	Prep <u>Rec.</u> 106 tec. <u>imit</u> - 168.6 <u>MSD</u> <u>Rec.</u> 81	ared By: I 29.7 RPD 14 I L	WI Rec. - 168 RPI Lim 20 Rec. .imit - 193
QC Batch:       34         Prep Batch:       29         Param       29         DRO       29         Percent recovery       29         Param       20         Percent recovery       20         Standard (ICV)       20	4448 9902 y is based on t y is based on t F -1)	he spike he spike MS Result	MS Result 265 result. RP MSD Result 231 result. RP MSD Result	Date 4 QC Pr It D is base <u>Units</u> mg/Kg D is base t	Teparation Units ng/Kg ed on the Dil. 1 ed on the Units ng/Kg Analyzed	n: 2007-02 Dil. 1 spike and sp Spike Amount 250 spike and sp Dil. 1	-09 Spike Amount 250 ike duplicate Matrix Result <13.4 ike duplicate Spike Amount 150	Res <1. result. 92 result. M Re	R 3.4 Li 29.7 S c.	Prep Rec. 106 Rec. MSD Rec. 81 An cent	ared By: I 29.7 RPD 14 I L 43.4 nalyzed E	WF Rec. <u>iimit</u> - 168. RPI Lim 20 Rec. <u>iimit</u> - 193.
QC Batch: 34 Prep Batch: 29 Param DRO Percent recover Param DRO	4448 9902 y is based on t y is based on t F -1)	he spike he spike MS Result	MS Result 265 result. RP MSD Result 231 result. RP MSD Result	Date 4 QC Pr It D is base Units mg/Kg D is base t t T Date ICVs	Teparation Units ng/Kg ed on the Dil. 1 ed on the Units ng/Kg Analyzed F	n: 2007-02 Dil. 1 spike and sp Spike Amount 250 spike and sp Dil. 1 d: 2007-02 ICVs	-09 Spike Amount 250 ike duplicate Matrix Result <13.4 ike duplicate Spike Amount 150 -08	Res <1 result. 92 result. Mi Re 80	R Li 29.7 S c. ) Perc	Prep Rec. 106 Rec. MSD Rec. 81 An cent very	ared By: I 29.7 RPD 14 I L 43.4 halyzed E	WR Rec. imit - 168. RPI Limit 20 Rec. imit - 193. Sy: ss

QC Batch: 34423

Analyzed By: ss

Report Date: February 9, 2007 2007-00027			Work Order: 7020810 Hugh 4" Gathering to Nedu			Page Number: 9 of 10 Southeast of Eunice, NM	
Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	1.11	111	85 - 115	2007-02-08
Standard (	(ICV-1)						
QC Batch: 34448			Date Ana	Date Analyzed: 2007-02-09			lyzed By: WR
			ICVs True	ICVs Found	ICVs Percent	Percent Recovery	Date
Param DRO	Flag	Units mg/Kg	Conc. 250	Conc. 232	Recovery 93	Limits 85 - 115	Analyzed 2007-02-09
Standard (CCV-1) QC Batch: 34448		Date Analyzed: 2007-02-09			Analyzed By: WR		
Demons	Die -	TT-: 4-	CCVs True	CCVs Found	CCVs Percent	Percent Recovery	Date
Param DRO	Flag	Units mg/Kg	Conc. 250	Conc. 281	Recovery 112	Limits 85 - 115	Analyzed 2007-02-09
Standard (	(CCV-2)						
QC Batch:	34448	34448 D		alyzed: 2007-0	2-09	Ana	lyzed By: WR
Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO	1 mg	mg/Kg	250	260	104	85 - 115	2007-02-09



Report Date: February 9, 2007 2007-00027

арыла Баруу — Кар Барияна улуыздан Улуна да	State of New Mexico finergy Miller ifs had Natural Resources	gora or a 23 Reve a Monto a 22
1991 A. Andre C. Standard, M. Bokurs Norman F. Norman F. Norman F. 2010 Normanis Pri Sarah J., NM 6 (2010) 2010 Normanis Pri Sarah J., NM 6 (2010)	Department Oil Conservation Division 1270 South St. Francis Dr. Santa Fe, NM 87505	S de pla se que a line d'Al eq Appropries District Orbit
BEUESSI FUI	2 APPROVAL TO ACCEPT SOLD	N.38715

1. RCRA Exempt. E Non-Exchapt.	4 (agografo) Plains All American Pipeline
Verbal Approval (cocived) - Ves. [2] - No. [3] 2. Management Facility Destination Plains All American Lea Station Land Parm #GW-351	<ul> <li>Originating Site</li> <li>Hugh Gathering 4" Nedu ref#2007-027</li> <li>Fransporter</li> </ul>
Address of inciting Operator: Provironmental Plus, bc.	8 State New Mexico
<ul> <li>F. T. F. cation of Material (Sincer Address or ULSTR) - FL-HY</li> <li>S. C. Fele One:</li> </ul>	SEW of the NET of Section 3 1728 R37E
<ul> <li>A suppose for approved to accept oilfield exempt waster the Concrator; one certificate per job.</li> </ul>	s will be accompanied by a certification of wasts dom-

B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to

PROVE the material is not-bazardous and the Generator's certification of origin. No waste classified my indus by

listing or testing will be approved.

All transporters must certify the wastes delivered a configuration enongined for transport -

BRIEF DESCRIPTION OF MATERIAL:

Crude Oil Contaminated Soil

stimated Volume (100 – cy	y – Known Volume (	to be entered by the open	stor at the end of	'dhe haa')	216 0
IGNAILRI: DELB	et	ITTL: Environment		DATE:	2/26/57

TYPE OR PRINT NAME: Dagiel Bryant TETEPHONE NO. 432-686-1969

(This space for State T 26/07 ance Roceronte TTTLF4 APPROVED BY: APPROVED BY: TITLE DATE

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

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

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 Pipeline, LP **Daniel Bryant** Contact P.O. Box 3119 - Midland, Tx 79702 Telephone No. (432) 557-5865 Address Facility Type Crude Oil Gathering Pipeline Hugh Gathering 4" Nedu Facility Name Lease No. Mineral Owner Surface Owner Targa LOCATION OF RELEASE Unit Letter North/South Line East/West Line Township Feet from the Feet from the County Section Range Н 3 22S 37E Lea. Latitude N 32,42222000 Longitude W 103.14585000 33-55 NATURE OF RELEASE Volume of Release 15 bbls Volume Recovered 3 bbls Type of Release Crude Oil Source of Release 4" steel pipeline Date and Hour of Occurrence Date and Hour of Discovery 1/12/07 0945 1/12/07 1015 If YES, To Whom? Was Immediate Notice Given? Yes No Not Required Pat Caperton, NMOCD-Hobbs Date and Hour 1/12/07 1600 By Whom? Daniel Bryant 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 a 4" steel pipeline caused the release. Pipeline was initially clamped to mitigate the release. Pipeline has a throughput of 3,000 per day. The pressure on the line is 120 psi and the gravity is 39.1. Depth of the line at the release location is 3" bgs. Describe Area Affected and Cleanup Action Taken.\* . Release impacted an area which measured approximately 90' X 15'. Impacted soils will be remediated per NMOCD guidelines. 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: ENVIRE ENGE Approved by District Supervisor. Printed Name: Daniel Br Expiration Date: 7.72.07 Title: Environmental R/C Specialist Approval Date: 5-22-27 E-mail Address: dmbryant@paalp.com Conditions of Approval: Attached [] SUBMIT FINAL C-41 DECLENZENTATION Date: 12615 Phone: (432) 557-5865 incident-pPAC0714447530 Juncident-n PAC0714447627 Juncident-pPAC0714447627 \* Attach Additional Sheets If Necessary p#1176

## 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**

			OPERATO	)R	Initial Report	🖾 Final Repor
Name of Company	Plains Pipeline, LP		Contact	Daniel Bryant		
Address	P.O. Box 3119 Midland, T	x 79702	Telephone No	(432) 557-5865		
Facility Name	Hugh Gathering 4" Nedu		Facility Type	Crude Oil Gatherin	ng Pipeline	
Surface Owner Targ	a M	ineral Owner			Lease No.	

## LOCATION OF RELEASE

Unit Letter HSection 3Township 22SRange 37EFect from the North/South LineFeet from the Feet from the LeaEast/West Line LeaCounty Lea

#### Latitude N 32.42222000 Longitude W 103.14585000

#### NATURE OF RELEASE

Type of Release Crude Oil	Volume of Release 15 bbls	Volume Reco	overed 3 bbls			
Source of Release 4" steel pipeline	Date and Hour of Occurrence 1/12/07 0945	Date and Hour of Discovery 1/12/07 1015				
Was Immediate Notice Given?	If YES, To Whom?					
Yes 🗌 No 🗌 Not Required	Pat Caperton, NMOCD-Hobbs					
By Whom? Daniel Bryant	Date and Hour 1/12/07 1600					
Was a Watercourse Reached?	If YES, Volume Impacting the Wa	tercourse.				
TYes No						
If a Watercourse was Impacted. Describe Fully.*	n.h					
	1 5 1 1 2 2 2 1 2 2 2 2 1 2 2 2 2 2 2 2	שושינינויניויניו נווינטי פיוופוינא א זיר א דא אל	< VADA x VE I x maaaaaaaxe x maaaxa xee'a xaaaaaaaaa x maaaxx xee'a xee			
Describe Cause of Problem and Remedial Action Taken.*						
Please see attached Site Closure Request for detailed information.						
аналанан аланан алан			*****			
Describe Area Affected and Cleanup Action Taken.* .						
Please see attached Site Closure Request for detailed information.						
I hereby certify that the information given above is true and complete to t	he best of my knowledge and underst	and that pursuan	nt to NMOCD rules and			
regulations all operators are required to report and/or file certain release n	otifications and perform corrective ac	tions for release	es which may endanger			
public health or the environment. The acceptance of a C-141 report by the	e NMOCD marked as "Final Report"	does not relieve	e the operator of hability			
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.	oes not reneve the operator of respon	sionity for comp	priance with any other			
аноносооколониянания с сболевод с С чилинининининининининининининининининини	OIL CONSER	VATION DI	IVISION			
- Pit	The second the second s	7	ик ч на пла ж "Бой" и Т аниналичная чала кала кала кала кала кала кала кала			
Signature: Xind St.T						
Printed Name: Daniel Bryant	Approved by District Supervisor:					
			******			
Title: Environmental R/C Specialist	Approval Date: Expiration Date:					
			******			
E-mail Address: dmbryant@paalp.com	Conditions of Approval: Attached		Attached			
Date: 7/10/07 Phone: (432) 686-1769						

\* Attach Additional Sheets If Necessary

State of New Mexico strict 1 Form C-141 625 N. French Dr., Hobbs, NM 88240 **Energy Minerals and Natural Resources** Revised October 10, 2003 District II 1301 W. Grand Avenue, Artesia, NM 88210 Submit 2 Copies to appropriate **Oil Conservation Division** District III District Office in accordance 1000 Rio Brazos Road, Aztec, NM 87410 1220 South St. Francis Dr. with Rule 116 on back District IV side of form 1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505 **Release Notification and Corrective Action** 2×62 **OPERATOR**  $\boxtimes$ Initial Report Final Repo Daniel Bryant Plains Pipeline, LP Contact Name of Company P.O. Box 3119 - Midland, Tx 79702 Telephone No. (432) 557-5865 Address Hugh Gathering 4" Nedu Facility Type Crude Oil Gathering Pipeline Facility Name Mineral Owner Lease No. Surface Owner Targa LOCATION OF RELEASE Unit Letter Section Township Range Feet from the North/South Line Feet from the East/West Line County н 3 22S 37E Lea Latitude N 32.42222000 Longitude W 103.14585000 **NATURE OF RELEASE** Type of Release Crude Oil Volume of Release 15 bbls Volume Recovered 3 bbls Source of Release 4" steel pipeline Date and Hour of Occurrence Date and Hour of Discovery 1/12/07 0945 1/12/07 1015 If YES, To Whom? Was Immediate Notice Given? Yes 🗌 No 🗍 Not Required Pat Caperton, NMOCD-Hobbs Date and Hour 1/12/07 1600 By Whom? Daniel Bryant 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.\* Please see attached Site Closure Request for detailed information. Describe Area Affected and Cleanup Action Taken.\* . Please see attached Site Closure Request for detailed information. 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 Oh Signature: Approved by District ENERISEONMENTAL ENGINEER Printed Name: Daniel Brya Approval Date: 10 Title: Environmental R/C Specialist **Expiration Date:** E-mail Address: dmbryant@paalp.com Conditions of Approval: Attached Date: 7/10 107 Phone: (432) 686-1769 Attach Additional Sheets If Necessary 1 RP-1176