PEFANIS HARRY N

Form 4

December 31, 2012

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB 3235-0287

OMB APPROVAL

Number:

Expires:

January 31, 2005

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if no longer subject to Section 16. Form 4 or Form 5

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue.

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

See Instruction

1. Name and A	2. Issuer Name and Ticker or Trading Symbol PLAINS ALL AMERICAN PIPELINE LP [PAA]						5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
(Last) 333 CLAY	(First) (STREET, # 1600	Middle)		f Earliest Transaction Day/Year) 012					Director 10% OwnerX_ Officer (give title Other (specify below) President & COO			
				mendment, Date Original Month/Day/Year)					6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Tab	le I - No	on-E	erivative So	ecuriti	es Acq	uired, Disposed o	of, or Beneficia	ılly Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year) 2A. Deemed Execution Date, any (Month/Day/Year)			3. 4. Securities Acquired vate, if Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5)					5. Amount of Securities Ownership Indirect Beneficially Form: Direct Benefici Owned (D) or Ownersh Indirect (I) (Instr. 4) Transaction(s) 6. 7. Nature Senerici Indirect Benefici Ownersh Indirect (I) (Instr. 4) Indirect (I) (Instr. 4)			
Common	12/21/2012			Code	V V	Amount 100,000	(D) D	Price \$ 0	(Instr. 3 and 4) 526,436 (1)	D		
Units	12/21/2012			U	v	100,000	ט	φU	320,430 <u>~</u>	D		
Common Units	12/21/2012			G	V	100,000	A	\$ 0	100,000 (2)	I	By Children's Trusts	
Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.												

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Title		8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration D	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secur
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ties	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Own
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration		or		
						Exercisable	Date	Title Nun	Number		
						LACICISAUIC			of		
				Code V	(A) (D)				Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Officer Other Director 10% Owner

PEFANIS HARRY N 333 CLAY STREET, # 1600 HOUSTON, TX 77002

President & COO

Signatures

/s/ Ann F. Gullion, Attorney-in-Fact

12/31/2012

**Signature of Reporting Person

Date

Explanation of Responses:

- If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Reporting person's holdings have been adjusted to reflect 2-for-1 split effected by the Issuer on October 1, 2012.
- (2) Reporting person disclaims beneficial ownership of these securities.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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