Temple Chris Form 4 August 15, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB 3235-0287

Number:

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

may continue.

See Instruction

1. Name and A Temple Chri	Symbol PLAIN	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 S	(First) (M	(Month/D	3. Date of Earliest Transaction (Month/Day/Year) 08/14/2012			_X_ Director Officer (gives below)		6 Owner er (specify	
(Street) 4.			4. If Amendment, Date Original				6. Individual or Joint/Group Filing(Check		
HOUSTON, TX 77002			Filed(Month/Day/Year)				Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting		
110051011,						Person			
(City)	(State) (Z	Zip) Tabl	e I - Non-D	erivative S	Securi	ties Ac	quired, Disposed	of, or Beneficia	lly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code	4. Securi onAcquirec Disposec (Instr. 3,	l (A) o l of (D))	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Units	08/14/2012		M	2,500	A	\$0	5,625	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of **SEC 1474** information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. NumborDerivati Securitie Acquired Disposed (Instr. 3,	ve es d (A) or d of (D)	Expiration Date (Month/Day/Year) or (D)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Phantom Units	(1)	08/14/2012		M		2,500	(2)	(3)	Common Units	2,500
Phantom Units	(1)	08/14/2012		A	2,500		(2)	(3)	Common Units	2,500

Reporting Owners

Reporting Owner Name / Address	Relationships					
FB	Director	10% Owner	Officer Other			
Temple Chris 333 CLAY STREET SUITE 1600 HOUSTON, TX 77002	X					

Signatures

/s/ Chris Temple 08/14/2012

**Signature of Date
Reporting Person

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) One common unit is deliverable, upon vesting, for each phantom unit that vests.
- (2) 2500 phantom units vest annually on the August distribution date, with an automatic re-grant of an equivalent amount.
- (3) Upon termination of service as a director, other than because of death, disability or retirement.

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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