

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>KAYNE ANDERSON CAPITAL ADVISORS LP</u> (Last) (First) (Middle) <u>1800 AVENUE OF THE STARS</u> <u>3RD FLOOR</u> (Street) <u>LOS ANGELES CA 90067</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>PLAINS GP HOLDINGS LP [PAGP]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>01/29/2016</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			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)
			Code	V	Amount	(A) or (D)	Price			
Class A Shares	01/29/2016		A		3,138,430	A	\$0	3,138,430	I	See Footnotes
Class A Shares	01/29/2016		J		3,138,430	D	\$0	0	I	See Footnotes

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

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. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Class A Units in Plains AAP, L.P.	\$0	01/29/2016		M		3,138,430		(1)(2)(3)	(1)(2)(3)	Class A Shares	3,138,430	\$0	95,699,079	I	See Footnotes

1. Name and Address of Reporting Person*
KAYNE ANDERSON CAPITAL ADVISORS LP
 (Last) (First) (Middle)
1800 AVENUE OF THE STARS
3RD FLOOR
 (Street)
LOS ANGELES CA 90067
 (City) (State) (Zip)

1. Name and Address of Reporting Person*
KAFU HOLDINGS, L.P.
 (Last) (First) (Middle)
1800 AVENUE OF THE STARS
3RD FLOOR
 (Street)
LOS ANGELES CA 77002
 (City) (State) (Zip)

1. Name and Address of Reporting Person*
KAFU Holdings.(QP), L.P.

(Last) (First) (Middle)
1800 AVENUE OF THE STARS, SUITE 300

(Street)
LOS ANGELES CA 90067

(City) (State) (Zip)

1. Name and Address of Reporting Person*

KAFU Holdings II, L.P.

(Last) (First) (Middle)
1800 AVENUE OF THE STARS
3RD FLOOR

(Street)
LOS ANGELES CA 90067

(City) (State) (Zip)

Explanation of Responses:

1. KAFU Holdings (QP), L.P., KAFU Holdings, L.P., and KAFU Holdings II, L.P. (collectively "KAFU") along with Kayne Anderson Capital Advisors, L.P. ("KACALP") hold Class B shares representing limited partners interest in Plains GP Holdings L.P. (the "Issuer"), an equivalent number of units representing limited liability company interests of the Issuer's general partner ("GP Units"), and an equivalent number of Class A Units representing limited partner interests in Plains AAP, L.P. ("AAP"). The limited partnership agreement of AAP was amended and restated to provide that each limited partner of AAP, including KAFU and KACALP, will have the right at any time (without expiration) to immediately exchange (the "exchange Right") its Class A units in AAP together with a like number of Class B shares and the GP Units, for a like number of Class A shares of the Issuer.

2. KACALP is the manager of the general partner of KAFU and may be deemed to beneficially own the Class B shares, Class A Units in AAP, and the GP Units held by KAFU. The filing of this statement shall not be construed as an admission that either KAFU or KACALP are, for purposes of Section 13(d) of the Exchange Act, as amended, the beneficial owner of any security.

3. The reported transaction is an in-kind distribution to redeeming limited partners of KAFU. Such redemption were made in-kind with Class A shares.

David Shladovsky

02/02/2016

** Signature of Reporting Person

Date

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.