UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported) — September 1, 2017

Plains All American Pipeline, L.P.

(Exact name of registrant as specified in its charter)

DELAWARE (State or other jurisdiction of

incorporation)

1-14569 (Commission File Number) **76-0582150** (IRS Employer Identification No.)

333 Clay Street, Suite 1600, Houston, Texas 77002

(Address of principal executive offices) (Zip Code)

713-646-4100

(Registrant's telephone number, including area code)

(Former name or former address, if changed since last report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company o

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. o

Item 7.01. Regulation FD Disclosure

In accordance with General Instruction B.2. of Form 8-K, the following information shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act except as shall be expressly set forth by specific reference in such a filing.

Representatives from Plains All American Pipeline, L.P. ("PAA") and Plains GP Holdings, L.P. ("PAGP") intend to make a presentation and meet with members of the financial community at the Barclays CEO Energy - Power Conference to be held in New York, New York from September 5-7, 2017. The presentation, which will take place at 11:45 a.m. Eastern Time on Wednesday, September 6, will cover an industry overview, PAA's commercial and operational activities, forward growth outlook, financial positioning and other related matters. The presentation materials will be made available for viewing on Tuesday, September 5, 2017, at www.plainsallamerican.com under the "News & Events — Investor Presentations" portion of the Investor Relations section of the website. The presentation will be webcast live beginning at 11:45 a.m. Eastern Time on Wednesday, September 6, 2017, and will be available for a period of 180 days following the event at the following web link: https://cc.talkpoint.com/barc002/090517b_as/?entity=74_GLC07UQ. Neither PAA nor PAGP undertake to update the information as posted on their websites; however, they may post additional information included in future press releases, Forms 8-K, and periodic Exchange Act reports.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

PLAINS ALL AMERICAN PIPELINE, L.P.

- By: PAA GP LLC, its general partner
- By: Plains AAP, L.P., its sole member
- By: Plains All American GP LLC, its general partner
- By: /s/ Richard McGee Name: Richard McGee Title: Executive Vice President

3

Date: September 1, 2017