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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) — May 12, 2010

**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:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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## 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, except as shall be expressly set forth by specific reference in such a filing.

Representatives of Plains All American Pipeline, L.P. ("PAA") and PAA Natural Gas Storage, L.P. ("PNG") intend to meet with investors on May 12-13, 2010 and make a presentation at the 2010 Master Limited Partnership Investor Conference to be held in Old Greenwich, Connecticut on May 13, 2010. Such presentation will give an overview of PAA and PNG, including a review of their respective business models, capital projects, financial and strategic positioning and related matters. On the morning of May 12, 2010, the prepared presentation materials will be made available for viewing on PAA's website at [www.paalp.com](http://www.paalp.com) as well as on PNG's website at [www.pnglp.com](http://www.pnglp.com). PAA does not undertake to update the information as posted on its website; however, PAA may post additional information included in future press releases and Forms 8-K, as well as posting its periodic Exchange Act reports. An audio webcast of the presentation will begin at approximately 10:15 a.m. Eastern Time and will be available for a period of 30 days thereafter at the following weblink: <http://www.wsw.com/webcast/naptp3/paa/>.

### 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/ Tim Moore

Name: Tim Moore

Title: Vice President

Date: May 12, 2010