

Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers

Effective August 15, 2010, Chris Herbold was promoted to the position of Vice President Accounting and Chief Accounting Officer of Plains All American GP LLC, the general partner of Plains All American Pipeline, L.P. (PAA). Tina Summers, who previously served as Vice President Accounting and Chief Accounting Officer of PAA, is retiring from the company on August 31, 2010.

Mr. Herbold, age 38, served as Controller of PAA from 2008 until August 2010. He previously served as Director of Operational Accounting from 2006 to 2008, Director of Financial Reporting and Accounting from 2003 to 2006 and Manager of SEC and Financial Reporting from 2002 to 2003. Prior to joining PAA in April 2002, Mr. Herbold spent seven years working for the accounting firm Arthur Andersen LLP.

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.

Date: August 19, 2010

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