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): January 15, 2009

ENTERPRISE PRODUCTS PARTNERS L.P.

(Exact name of registrant as specified in its charter)

Delaware

(State or Other Jurisdiction of Incorporation or Organization)

1-14323 (Commission File Number) **76-0568219** (I.R.S. Employer Identification No.)

1100 Louisiana, 10th Floor, Houston, Texas (Address of Principal Executive Offices)

77002 (Zip Code)

Registrant's Telephone Number, including Area Code: (713) 381-6500

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 (see General Instruction A.2. below):

□ 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))

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

On January 15, 2009, James H. Lytal notified us of his resignation as Executive Vice President of Enterprise Products GP, LLC, the general partner of Enterprise Products Partners L.P. (the "Partnership"), effective immediately. The Partnership and Mr. Lytal remain in discussions with respect to the terms of his departure.

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.

ENTERPRISE PRODUCTS PARTNERS L.P.

By: Enterprise Products GP, LLC, as General Partner

Date: January 16, 2009

By: /s/ Michael J. Knesek Name: Michael J. Knesek Title: Senior Vice President, Controller and Principal Accounting Officer of Enterprise Products GP, LLC

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