Filed pursuant to Rule 433
Issuer Free Writing Prospectus dated September 22, 2009
Relating to Preliminary Prospectus Supplement dated September 21, 2009
Registration Statement No. 333-145709

Enterprise Products Partners L.P. Pricing Term Sheet and Related Matters

7,250,000 Common Units

Enterprise Products Partners L.P.

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Symbol:	EPD
Size:	\$ 203.0 million
Units sold:	7,250,000 common units representing limited partner interests
Price to public:	\$ 28.00 per common unit
Units outstanding after this offering:	476,866,848 common units representing limited partner interests

Trade date: September 22, 2009

Closing date: September 25, 2009

CUSIP: 293792107

Issuer:

Option to purchase additional units:

Underwriters: Morgan Stanley & Co. Incorporated

Barclays Capital Inc.

1,087,500 common units

Citigroup Global Markets Inc. Wells Fargo Securities, LLC

Merrill Lynch, Pierce, Fenner & Smith

Incorporated J.P. Morgan Securities Inc. Raymond James & Associates, Inc.

SMH Capital Inc.

Enterprise Products Partners L.P. previously filed a registration statement (including a prospectus) on Form S-3 with the Securities and Exchange Commission (the "SEC") for the offering to which this communication relates, which automatically became effective upon filing August 27, 2007. Before you invest, you should read the prospectus supplement to the prospectus in that registration statement and other documents the issuer has filed with the SEC for more complete information about Enterprise Products Partners L.P. and this offering. You may get these documents for free by visiting EDGAR on the SEC web site at www.sec.gov.

A copy of the preliminary prospectus supplement and prospectus relating to the offering may also be obtained from the following addresses:

Morgan Stanley & Co. Incorporated Attn: Prospectus Dept. 180 Varick Street, 2nd floor, New York, NY, 10014 Toll-free number: (866) 718-1649 prospectus@morganstanley.com

Barclays Capital Inc.

c/o Broadridge Integrated Distribution Services

1155 Long Island Avenue Edgewood, NY 11717

Toll-free number: 1-888-603-5847 Barclaysprospectus@broadridge.com

Citigroup Global Markets Inc. Brooklyn Army Terminal Attention: Prospectus Dept. 140 58th Street, 8th floor, Brooklyn, NY, 11220

Toll-free number: (800) 831-9146 batprospectusdept@citi.com

Wells Fargo Securities, LLC Attention: Equity Syndicate Dept.

375 Park Ave. New York, NY, 10152

Toll-free number: (800) 326-5897 equity.syndicate@wachovia.com