

Zulim Thomas M.
Form 4
April 27, 2010

FORM 4

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
Zulim Thomas M.

2. Issuer Name and Ticker or Trading Symbol
ENTERPRISE PRODUCTS PARTNERS L P [EPD]

5. Relationship of Reporting Person(s) to Issuer
(Check all applicable)

(Last) (First) (Middle)
1100 LOUISIANA STREET, SUITE 1000
(Street)

3. Date of Earliest Transaction (Month/Day/Year)
04/26/2010

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
Senior Vice President

HOUSTON, TX 77002

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Units Representing Limited Partnership Interests	04/26/2010		M		25,000	A	\$ 26.95
Common Units Representing Limited Partnership Interests	04/26/2010		F		20,134	D	\$ 36.65
							92,580
							72,446

Interests

Common
Units

Representing
Limited
Partnership
Interests

04/26/2010	M	25,000	A	\$ 26.47	97,446	D
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Common
Units

Representing
Limited
Partnership
Interests

04/26/2010	F	19,893	D	\$ 36.65	77,553	D
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Security (Instr. 3 and 4)	Amount or Number of Shares
Employee Unit Option-Right To Buy	\$ 26.95	04/26/2010		M	25,000	02/11/2009 02/11/2015	Common Units	25,000
Employee Unit Option-Right To Buy	\$ 26.47	04/26/2010		M	25,000	08/04/2009 08/04/2015	Common Units	25,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other

Zulim Thomas M.
1100 LOUISIANA STREET
SUITE 1000
HOUSTON, TX 77002

Senior Vice President

Signatures

/s/Wendi S. Bickett, Attorney-in-Fact on behalf of Thomas M.
Zulim

04/27/2010

__Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).
 - ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) The power of attorney under which this form was signed is on file with the Commission.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.