SEC Form 4

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person[*]	2. Issuer Name **and** Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
KNESEK MICHAEL J	ENTERPRISE PRODUCTS PARTNERS L P [EPD]	Director ___ 10% Owner ___ X Officer (give title below) ___ Other (specify below) ___ SVP, PAO, & Controller

(Last) (First) (Middle)	3. Date of Earliest Transaction (Month/Day/Year)
1100 LOUISIANA STREET SUITE 1000	04/23/2010

(Street)	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line)
HOUSTON TX 77002		X 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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Units Representing Limited Partnership Interests	04/23/2010		M		15,000	A	$26.47	79,644	D	
Common Units Representing Limited Partnership Interests	04/23/2010		F		11,978	D	$36.46	67,666	D	
Common Units Representing Limited Partnership Interests								739.04	I[(1)]	By spouse

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 Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Employee Unit Option- Right To Buy	$26.47	04/23/2010		M			15,000	08/04/2009	08/04/2015	Common Units	15,000	$0.00	0	D[(2)]	

Explanation of Responses:

1. All of these Common Units were acquired by the Reporting Person's spouse in the Issuer's Employee Unit Purchase Plan and Distribution Reinvestment Plan. The Reporting Person disclaims any beneficial ownership of these securities, and this report shall not be deemed an admission that the Reporting Person is the beneficial owner of these securities for purposes of Section 16 or for any other purpose.

2. The power of attorney under which this form was signed is on file with the Commission.

Remarks:

/s/Wendi S. Bickett, Attorney-in-Fact on behalf of Michael J. Knesek   04/27/2010

** Signature of Reporting Person   Date