FORM 3

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

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

			or Sect	1011 30(11) 01	the inve	istinent Company Act of 1s	940					
Name and Address of Reporting Person*     CUNNINGHAM RALPH S			2. Date of Event Requiring Stater (Month/Day/Yea 11/22/2010	ment	3. Issuer Name <b>and</b> Ticker or Trading Symbol ENTERPRISE PRODUCTS PARTNERS L P [ EPD ]							
(Last) (First) (Middle) 1100 LOUISIANA STREET					Relationship of Reporting Perso (Check all applicable)     X Director		on(s) to Issuer 10% Owner		5. If Amendment, Date of Original Filed (Month/Day/Year)			
SUITE 1000					Officer (give title below)	Other (spe below)	cify		cable Line)	/Group Filing (Check		
(Street) HOUSTON	TX	77002							X		y One Reporting Person y More than One erson	
(City)	(State)	(Zip)										
		7	Table I - Nor	n-Derivat	tive Se	curities Beneficiall	y Owned					
1. Title of Security (Instr. 4)					2. Amount of Securities Beneficially Owned (Instr. 4)		3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)		4. Nature of Indirect Beneficial Ownership (Instr. 5)			
Common Units Representing Limited Partnership Interests					219,186		D					
		(e.				urities Beneficially ptions, convertible		s)				
1. Title of Derivative Security (Instr. 4)			2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securi Underlying Derivative Securi			4. Conversion or Exercise		5. Ownership Form:	6. Nature of Indirect Beneficial Ownership (Instr. 5)	
			Date Exercisable	Expiration Date	n Title		Amount or Number of Shares	Price of Derivation Securi	tive	Direct (D) or Indirect (I) (Instr. 5)		
Employee Unit Option-Right To Buy		05/29/2011	12/31/2012	2	Common Units	60,000 30.9		96	D			
Employee Unit Option-Right To Buy		05/22/2012	12/31/2013	3	Common Units	60,000 30.93		D				
Employee Unit Option-Right To Buy		02/19/2013	12/31/2014	4	Common Units	60,000 22.06		06	D			
Employee Uni	it Option-Right	To Buy	05/06/2013	12/31/2014	4	Common Units	60,000	24.	92	D		
Employee Unit Option-Right To Buy		02/23/2014	12/31/2015	,	Common Units	60,000	32.:	<u></u>	D <sup>(1)</sup>			

## **Explanation of Responses:**

1. The power of attorney under which this form was signed is attached.

## Remarks:

/s/Wendi S. Bickett, Attorney-

in-Fact on behalf of Ralph S. 11/24/2010

Cunningham

\*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- $^{\star}$  If the form is filed by more than one reporting person, see Instruction 5 (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).

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

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 Number.

KNOW ALL PERSONS BY THIS DOCUMENT: That Ralph S. Cunningham, has made, constituted, and appointed, and by this document does make, constitute, and appoint STEPHANIE C. HILDEBRANDT, CHRISTOPHER S. WADE and WENDI S. BICKETT, of the County of Harris, State of Texas, whose signatures are:

/s/Stephanie C. Hildebrandt

Stephanie C. Hildebrandt, Attorney-in-Fact

/s/Christopher S. Wade

Christopher S. Wade, Attorney-in-Fact

/s/Wendi S. Bickett

Wendi S. Bickett, Attorney-in-Fact

or any of them, signing singly, its true and lawful attorney-in-fact, and in its name, place, and stead to:

- 1. Execute, deliver and file on behalf of the undersigned, in the undersigned's capacity as an officer of Enterprise Products GP, LLC, the sole general partner of Enterprise Products Partners L.P., (the "Company") any U.S. Securities and Exchange Commission Form 3, 4 and 5 in accordance with Section 16(a) of the Securities Exchange Act of 1934 and the rules thereunder with respect to holdings of or trading in securities issued by the Company;
- 2. Do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Form 3, 4 or 5 and timely file such form or any amendment thereto with the United States Securities and Exchange Commission and any stock exchange or similar authority; and
- 3. Take any other action of any type whatsoever in connection with or in furtherance of the matters described in paragraphs 1 and 2 above which in the opinion of its attorney-in-fact may be of benefit to, and in the best interest of, or legally required by, the undersigned.

Giving and granting to each such attorney-in-fact full power and authority to do and perform every act necessary and proper to be done in the exercise of the foregoing powers as fully as it might or could do if personally present, with full power of substitution and revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that each attorney-in-fact, in serving in such capacity at the request of the undersigned, is not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Securities Exchange Act of 1934.

This Power of Attorney shall remain in effect until the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless revoked by the undersigned in a signed writing delivered to each of the foregoing attorneys-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 18th day of November, 2010.

/s/Ralph S. Cunningham

Ralph S. Cunningham