

OMB APPROVAL	
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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

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

<b>1. Name and Address of Reporting Person*</b> <u>FOWLER W RANDALL</u>  (Last) (First) (Middle) <u>1100 LOUISIANA STREET</u> <u>SUITE 1000</u>  (Street) <u>HOUSTON TX 77002</u>  (City) (State) (Zip)	<b>2. Issuer Name and Ticker or Trading Symbol</b> <u>ENTERPRISE PRODUCTS PARTNERS L P [ EPD ]</u>	<b>5. Relationship of Reporting Person(s) to Issuer</b> (Check all applicable)  Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>EVP &amp; Chief Financial Officer</u>
	<b>3. Date of Earliest Transaction (Month/Day/Year)</b> <u>08/05/2010</u>	
	<b>4. If Amendment, Date of Original Filed (Month/Day/Year)</b>	<b>6. Individual or Joint/Group Filing (Check Applicable Line)</b>  <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person

**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	08/05/2010		M <sup>(1)</sup>		65,611	A	\$0.00 <sup>(1)</sup>	254,624	D	
Common Units Representing Limited Partnership Interests	08/06/2010		M <sup>(2)</sup>		14,165	A	\$0.00 <sup>(2)</sup>	268,789	D	

**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
Class B Limited Partnership Interest in EPCO Unit L.P.	(1)	08/05/2010		M <sup>(1)</sup>		0 <sup>(1)</sup>		(1)	(1)	Common Units	(1)	\$0.00	0 <sup>(1)</sup>	D	
Class B Limited Partnership Interest in Enterprise Unit L.P.	(2)	08/06/2010		M <sup>(2)</sup>		0 <sup>(2)</sup>		(2)	(2)	Common Units	(2)	\$0.00	0 <sup>(2)</sup>	D <sup>(3)</sup>	

**Explanation of Responses:**

- On August 5, 2010, EPCO Unit L.P. ("EPCO Unit") was liquidated in accordance with its agreement of limited partnership. Upon EPCO Unit's liquidation, the reporting person's Class B limited partner interest in EPCO Unit automatically converted into the right to receive 65,611 common units representing limited partnership interests in Enterprise Products Partners L.P. ("Common Units"), based on the reporting person's percentage share of Class B limited partner interest in EPCO Unit immediately prior to the liquidation. After giving effect to the distributions related to the liquidation of EPCO Unit, the reporting person no longer has any interest in EPCO Unit.
- On August 6, 2010, Enterprise Unit L.P. ("Enterprise Unit") was liquidated in accordance with its agreement of limited partnership. Upon Enterprise Unit's liquidation, the reporting person's Class B limited partner interest in Enterprise Unit automatically converted into the right to receive 14,165 Common Units based on the reporting person's percentage share of Class B limited partner interest in Enterprise Unit immediately prior to the liquidation. After giving effect to the distributions related to the liquidation of Enterprise Unit, the reporting person no longer has any interest in Enterprise Unit.
- The power of attorney under which this form was signed is on file with the Commission.

**Remarks:**

Transaction Code M - Exercise or conversion of derivative security exempted pursuant to Rule 16b-3

/s/Wendi S. Bickett, Attorney-in-Fact on behalf of W. Randall 08/09/2010  
Fowler

\*\* Signature of Reporting Person Date

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

\* 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).

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.