FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

1. Name and Address of Reporting Person

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

5. Relationship of Reporting Person(s) to Issuer

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

2. Issuer Name and Ticker or Trading Symbol

FOWLER W RANDALL					ENTERPRISE PRODUCTS PARTNERS L P [EPD]								Directo	or		10% Ow	
(Last) (First) (Middle) 1100 LOUISIANA STREET SUITE 1000				08	3. Date of Earliest Transaction (Month/Day/Year) 08/03/2010								below) EVP	& Chief I		below) cial Office	er
ON T	TX 77002				4. If Amendment, Date of Original Filed (Month/Day/Year)									Form filed by One Repo			1
(S	•	(Zip)															
1. Title of Security (Instr. 3) 2. Tr. Date				saction	1	2A. Deemed Execution Date, if any (Month/Day/Year)		3. 4. Securi Transaction Dispose Code (Instr. 5)			ties Acquire	ed (A) or	5. Amou Securiti Benefici Owned	5. Amount of Securities Beneficially Owned Following		: Direct r Indirect str. 4)	7. Nature of Indirect Beneficial Ownership
								Code	v	Amount	(A) or (D)	Price	Transac	tion(s)		((Instr. 4)
Common Units Representing Limited Partnership Interests				08/03/2010				M		25,000	0 A	\$26.	47 200	00,580		D	
Common Units Representing Limited Partnership Interests				08/03/2010				F		20,253	3 D	\$37.	75 180	180,327		D	
Common Units Representing Limited Partnership Interests				08/03/2010				М		40,000	0 A	\$24.	85 220),327	D		
Common Units Representing Limited Partnership Interests 08.)3/2010				F		31,31	4 D	\$37.	75 189	189,013		D	
Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																	
erivative Conversion Date Execurity or Exercise (Month/Day/Year) if		Execution I	Execution Date, if any		4. Transaction Code (Instr. 8)		ivative urities urired or oosed D) (Instr.	Expiration Date			of Securit Underlyin Derivative	ies g Security	8. Price of Derivative Security (Instr. 5)	derivative Securities Beneficial Owned Following Reported	e s Illy	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisab			Title	or					
\$26.47	08/03/2010			M			25,000	08/04/200	9 0	8/04/2015	Common Units	25,000	\$0.00	0		D	
\$24.85	08/03/2010			M			40,000	05/01/201	0 0	5/01/2016	Common Units	40,000	\$0.00	0		D ⁽¹⁾	
	Units Reprip Interests 2. Conversion or Exercise Price of Derivative Security	(First) UISIANA STREET .0000 ON TX (State) Tab Security (Instr. 3) Units Representing Limited ip Interests 2. Conversion or Exercise Price of Derivative Security 3. Transaction Date (Month/Day/Year) \$26.47 08/03/2010	(First) (Middle) UISIANA STREET 0000 ON TX 77002 (State) (Zip) Table I - Nor Security (Instr. 3) Units Representing Limited ip Interests Table II - 2. Conversion or Exercise Price of Derivative Security 3. Transaction Date (Month/Day/Year) if any (Month/Day Security) \$26.47 08/03/2010	(First) (Middle) UISIANA STREET 0000 ON TX 77002 (State) (Zip) Table I - Non-Deri Security (Instr. 3) 2. Tran Date (Month) Units Representing Limited ip Interests Table II - Derivative (e.g., 1 and 1	(First) (Middle) (UISIANA STREET (O00 CN TX 77002 (State) (Zip) Table I - Non-Derivative (Month/Day/Yout) Units Representing Limited ip Interests Table II - Derivative (e.g., puts, puts	(First) (Middle) UISIANA STREET 000 (State) (Zip) Table I - Non-Derivative Security (Instr. 3) Units Representing Limited ip Interests Table II - Derivative Sec (e.g., puts, call farmy (Month/Day/Year) 2. Transaction Date (e.g., puts, call farmy (Month/Day/Year) 2. Conversion Or Exercise Price of Date (Month/Day/Year) Pice of Date (Month/Day/Year) Security A. Deemed Execution Date, if any (Month/Day/Year) Code (Instr. 9) Code V	(First) (Middle) (Interests	(First) (Middle) UISIANA STREET 000 Table I - Non-Derivative Securities Acquired ip Interests Units Representing Limited ip Interests Conversion Date (Month/Day/Year) 3. Date of Earliest Trans 2A. Deemed Execution Date if Any (Month/Day/Year) 08/03/2010 Security (Instr. 3) 5. Number of Ocide (Instr. 8) Derivative Securities Acq (e.g., puts, calls, warrants Conversion Oate (Month/Day/Year) (Month/Day/Year) A. Deemed Execution Date, if Annaction (A) or Disposed of (D) (Instr. 3, 4 and 5) Code V (A) (D) \$26.47 08/03/2010 M 25,000	(First) (Middle) UISIANA STREET 0000 Table I - Non-Derivative Securities Acquired, Nonth/Day/Year) (State) (Zip) Table I - Non-Derivative Securities Acquired, Month/Day/Year) (Month/Day/Year) Units Representing Limited ip Interests Units Representing Limited ip Interests Units Representing Limited ip Interests Table II - Derivative Securities Acquired, Date (A) or Disposed of (D) (Month/Day/Year) (Month/Day/Year) Table II - Derivative Securities Acquired, Decenting Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) Security (Month/Day/Year) (Month/Day/Year)	(First) (Middle) UISIANA STREET 000 Table I - Non-Derivative Securities Acquired, Disposed ip Interests Units Representing Limited ip Interests Conversion Date (e.g., puts, calls, warrants, options, cells, units of Exercise Disposed in Code (instr. disposed in Code ((First) (Middle) UISIANA STREET 000 Table I - Non-Derivative Securities Acquired, Disposed of Code (Instr. 3) 2. 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Explanation of Responses:

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

Remarks:

Transaction Codes: F - Payment of exercise price or tax liability by delivering or withholding securities incident to the receipt, exercise or vesting of a security issued in accordance with Rule 16b-3 M - Exercise or conversion of derivative security exempted pursuant to Rule 16b-3

> /s/Wendi S. Bickett, Attorneyin-Fact on behalf of W. Randall 08/05/2010 <u>Fowler</u>

** Signature of Reporting Person Date

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

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.

^{*} 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).