

Smith Edwin E
 Form 4
 September 09, 2011

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 *
 Smith Edwin E

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

3. Date of Earliest Transaction (Month/Day/Year)
 09/07/2011

Director 10% Owner
 Officer (give title below) Other (specify below)

(Street)
 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 Indirect Beneficial Ownership (Instr. 4)
Common Units Representing Limited Partnership Interests	09/07/2011		A	34,340 A	\$ 0 (1) 186,944	D (2)	

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

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number.

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 Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Following Reporting Transaction (Instr. 6)
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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Smith Edwin E 1100 LOUISIANA STREET SUITE 1000 HOUSTON, TX 77002	X			

Signatures

/s/Wendi S. Bickett, Attorney-in-Fact on behalf of Edwin E. Smith

09/09/2011

__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).

Acquired pursuant to the Agreement and Plan of Merger dated as of April 28, 2011, by and among Enterprise Products Partners L.P. ("EPD"), Enterprise Products Holdings LLC, EPD MergerCo LLC, Duncan Energy Partners L.P. ("DEP"), and DEP Holdings, LLC (the

(1) "MLP Merger Agreement") as Merger Consideration (as defined in the MLP Merger Agreement). On the effective date of the merger, the closing price of the Units of DEP on the New York Stock Exchange ("NYSE") was \$41.22 and the closing price of the Common Units of EPD on the NYSE was \$40.83.

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

Remarks:

Transaction Code A - Grant, award or other acquisition pursuant to Rule 16b-3(d)

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

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