

| 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

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|--|--|--|
| 1. Name and Address of Reporting Person*<br><u>CUNNINGHAM RALPH S</u><br><br>(Last) (First) (Middle)<br><u>1100 LOUISIANA STREET</u><br><u>SUITE 1000</u><br><br>(Street)<br><u>HOUSTON TX 77002</u><br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>ENTERPRISE PRODUCTS PARTNERS L</u><br><u>P [ EPD ]</u> | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><input checked="" type="checkbox"/> Director 10% Owner<br>Officer (give title below) Other (specify below) |
|  | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>06/04/2013</u>                                    |  |
|  |  | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br>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 | 06/04/2013                           |  | S                              |   | 12,000  | D          | \$59.31 <sup>(1)</sup> | 161,869   | D  |   |
| Common Units Representing Limited Partnership Interests |                                      |  |                                |   |   |            |                        | 23  | I  | By Purdey Management, LLC                             |
| Common Units Representing Limited Partnership Interests |                                      |  |                                |   |   |            |                        | 305,506   | I  | By GeeGee Holdings, Ltd. <sup>(2)(3)</sup>            |

**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 |   |  |  |   |  |

**Explanation of Responses:**

- Represents the weighted average sale price. The units were sold at various prices ranging from \$59.28 to \$59.40. Financial information regarding the number of units sold at each price will be provided upon the request of the United States Securities and Exchange Commission staff, the issuer or a security holder of the issuer.
- The reporting person disclaims beneficial ownership of common units held by GeeGee Holdings, Ltd., except to the extent of his pecuniary interest therein.
- The power of attorney under which this form was signed is on file with the Commission.

**Remarks:**

Transaction Code S - Open market or private sale of non-derivative or derivative security.

/s/ Christopher S. Wade,  
Attorney-in-Fact on behalf of 06/06/2013  
Ralph S. Cunningham

\*\* 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.