
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549**

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

**Date of report: May 20, 2008
(Date of earliest event reported): May 16, 2008**

SUNOCO LOGISTICS PARTNERS L.P.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation)

1-31219
(Commission file number)

23-3096839
(IRS employer
identification number)

1735 Market Street, Suite LL, Philadelphia, PA
(Address of principal executive offices)

19103-7583
(Zip Code)

(215) 977-3000
(Registrant's telephone number, including area code)

N/A
(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 5.02. Departure of Directors or Principal Officers; Election of Directors; Appointment of Principal Officers

By letter dated May 16, 2008, Gary W. Edwards announced his resignation as a director of Sunoco Partners LLC (the “Company”), general partner of Sunoco Logistics Partners L.P. (the “Partnership”), effective as of such date. Mr. Edwards’ resignation was not the result of any disagreement relating to the operations, policies or practices of either the Company or the Partnership.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

17.1. Resignation letter, dated May 16, 2008, from Gary W. Edwards

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

SUNOCO LOGISTICS PARTNERS LP.

**By: Sunoco Partners LLC,
its General Partner**

By: /s/ DANIEL D. LEWIS

Daniel D. Lewis
Comptroller

May 20, 2008
Philadelphia, PA

EXHIBIT INDEX

<u>Exhibit No.</u>	<u>Exhibit</u>
17.1	Resignation letter, dated May 16, 2008, from Gary W. Edwards.

May 16, 2008

Mr. Jack G. Drosdick
Chairman, CEO & President
Sunoco, Inc

Dear Jack,

In light of my recent election to the Board of Directors of Sunoco Inc., I believe it is appropriate for me to resign my position as a director of Sunoco Partners LLC, the general partner of Sunoco Logistics Partners L.P. It was a privilege and honor to have served on the Board for the past six years as Debbie and her management team grew the business into one of the leading liquid pipeline companies. I believe the Partnership is well positioned for continued success in the future. My resignation does not reflect any disagreement with the management or the Board of Sunoco Logistics Partners L.P.

Sincerely,

/s/ Gary W. Edwards

Gary W. Edwards