

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

**FORM 10-Q/A
(Amendment No. 1)**

(Mark One)

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended June 30, 2011

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____

Commission file number 1-31219

SUNOCO LOGISTICS PARTNERS L.P.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

23-3096839
(I.R.S. Employer
Identification No.)

1818 Market Street, Suite 1500, Philadelphia, PA
(Address of principal executive offices)

19103
(Zip Code)

Registrant's telephone number, including area code: (866) 248-4344

Former name, former address and formal fiscal year, if changed since last report: Not Applicable

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer. See definition of "accelerated filer" and "large accelerated filer" in Rule 12b-2 of the Exchange Act.:

| | | | |
|-------------------------|-------------------------------------|---------------------------|--------------------------|
| Large accelerated filer | <input checked="" type="checkbox"/> | Accelerated filer | <input type="checkbox"/> |
| Non-accelerated filer | <input type="checkbox"/> | Smaller reporting company | <input type="checkbox"/> |

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes No

At June 30, 2011, the number of the registrant's Limited Partnership Units outstanding was 33,128,767.

Explanatory Note

The sole purpose of this Amendment No. 1 to Sunoco Logistics Partners L.P.'s Quarterly Report on Form 10-Q (the "Form 10-Q") for the period ended June 30, 2011, as filed with the Securities and Exchange Commission on August 4, 2011, is to furnish Exhibit 101.1 to the Form 10-Q in accordance with Rule 405 of Regulation S-T. Exhibit 101.1 provides the financial statements and related notes from the Form 10-Q formatted in XBRL (eXtensible Business Reporting Language).

No other changes have been made to the Form 10-Q. This Amendment No. 1 to the Form 10-Q does not reflect events that may have occurred subsequent to the original filing date, and does not modify or update in any way disclosures made in the original Form 10-Q.

Pursuant to Rule 406T of Regulation S-T, the interactive data files on Exhibit 101.1 hereto are deemed not filed or part of a registration statement or prospectus for purposes of Sections 11 or 12 of the Securities Act of 1933, as amended, are deemed not filed for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, and otherwise are not subject to liability under those sections.

Item 6. Exhibits

- *3.1: Amendment No. 1 to Third Amended and Restated Partnership Agreement of Sunoco Logistics Partners L.P. dated as of July 1, 2011 (incorporated by reference to Exhibit 3.2 of Form 8-K, file No. 1-31219, filed July 5, 2011)
- *3.2: Third Amended and Restated Limited Liability Company Agreement of Sunoco Partners LLC dated as of July 1, 2011 (incorporated by reference to Exhibit 3.2 of Form 8-K, file No. 1-31219, filed July 5, 2011)
- *10.1: Contribution Agreement, dated as of June 29, 2011, to be effective July 1, 2011, by and among Sunoco, Inc. (R&M), Sunoco Logistics Partners L.P., and certain subsidiaries and affiliates of Sunoco Logistics Partners L.P.
- *12.1: Statement of Computation of Ratio of Earnings to Fixed Charges
- *31.1: Chief Executive Officer Certification of Periodic Report Pursuant to Exchange Act Rule 13a-14(a)
- *31.2: Chief Financial Officer Certification of Periodic Report Pursuant to Exchange Act Rule 13a-14(a)
- *32.1: Chief Executive Officer Certification of Periodic Report Pursuant to Exchange Act Rule 13a-14(b) and U.S.C. §1350
- *32.2: Chief Financial Officer Certification of Periodic Report Pursuant to Exchange Act Rule 13a-14(b) and U.S.C. §1350
- **101.1: The following financial statements from Sunoco Logistics Partners L.P.'s Quarterly Report on Form 10-Q for the three and six months ended June 30, 2011 formatted in XBRL (eXtensible Business Reporting Language): (i) the Condensed Consolidated Statements of Operations; (ii) the Condensed Consolidated Balance Sheets; (iii) the Condensed Consolidated Statement of Cash Flows; and, (iv) the Notes to Condensed Consolidated Financial Statements, tagged as blocks of text.

* Filed as an Exhibit to the original Form 10-Q for the period ended June 30, 2011, filed August 4, 2011.

** Filed herewith.

