
**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: June 16, 2010
(Date of earliest event reported): June 16, 2010**

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)

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

19103
(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))
-

Item 7.01 Regulation FD Disclosure

On June 16, 2010, executives of Sunoco Partners LLC, the general partner of Sunoco Logistics Partners L.P. (the "Partnership"), presented information about the Partnership described in the slides attached to this report as Exhibit 99.1 as part of a larger Sunoco, Inc. slide presentation at an analyst conference hosted by Sunoco, Inc. in New York, NY.

Exhibit 99.1 and the slides thereof are incorporated by reference herein. These slides are also available on the Partnership's website at www.sunocologistics.com. The full Sunoco, Inc. slide presentation, including the slides referenced herein are available on Sunoco, Inc's website at www.sunocoinc.com.

The information in this report, being furnished pursuant to Items 7.01 and 9.01 of Form 8-K, shall not be deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that Section, and is not incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as expressly set forth by specific reference in such filing.

Item 9.01 Financial Statements and Exhibits

(c) Exhibits.

99.1 Slide presentation given on June 16, 2010 by executives of Sunoco Partners LLC, the general partner of Sunoco Logistics Partners L.P.

Forward-Looking Statements

Statements contained in the exhibit to this report that state the Partnership's or its management's expectations or predictions of the future are forward-looking statements. The Partnership's actual results could differ materially from those projected in such forward-looking statements. Factors that could affect such results include those mentioned in the documents that the Partnership has filed with the Securities and Exchange Commission.

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/ BRUCE D. DAVIS, JR.
Bruce D. Davis, Jr.
Vice President, General Counsel and Secretary

**June 16, 2010
Philadelphia, PA**

EXHIBIT INDEX

Exhibit No.

Exhibit

99.1

Slide presentation given on June 16, 2010 by executives of Sunoco Partners LLC, the general partner of Sunoco Logistics Partners L.P.

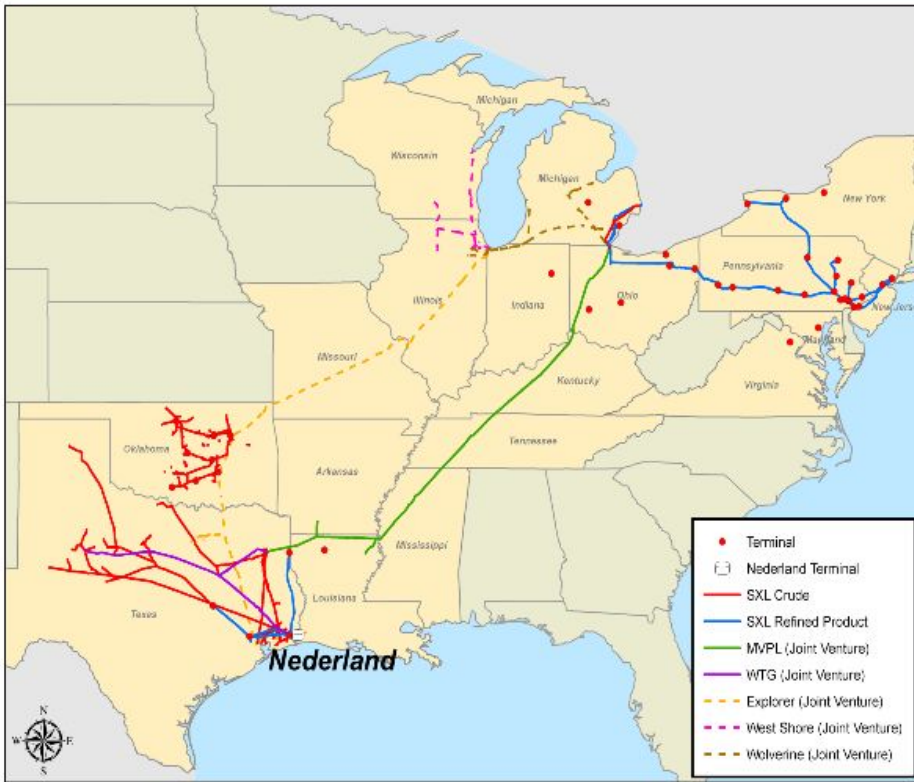


Sunoco Logistics Partners L.P.

(NYSE: SXL)

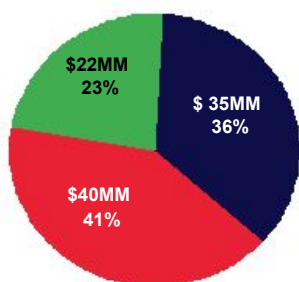
Mike Hennigan

Asset Overview



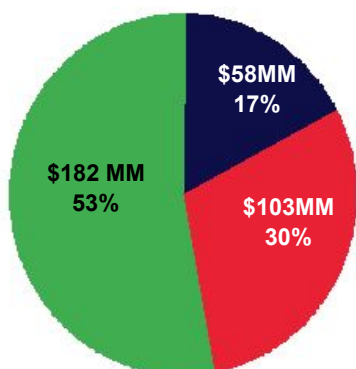
- Serve key Northeast, Midwest & Gulf Coast production/refining centers
- 2,200 miles of refined product pipelines
- 3,850 miles of crude pipelines
- 41 refined product terminals
- 23 million barrels of crude oil storage capacity

2002 EBITDA \$97MM



- Optimize current asset base
- Invest in organic extensions
- Opportunistically acquire complementary assets

2009 EBITDA \$343MM



- Continue focus on platform growth
- Successfully integrated 15 acquisitions since 2002 IPO

■ Crude Oil Pipeline System
■ Refined Products Pipeline System
■ Terminal Facilities

* For reconciliation to Net Income, see Slide A2.

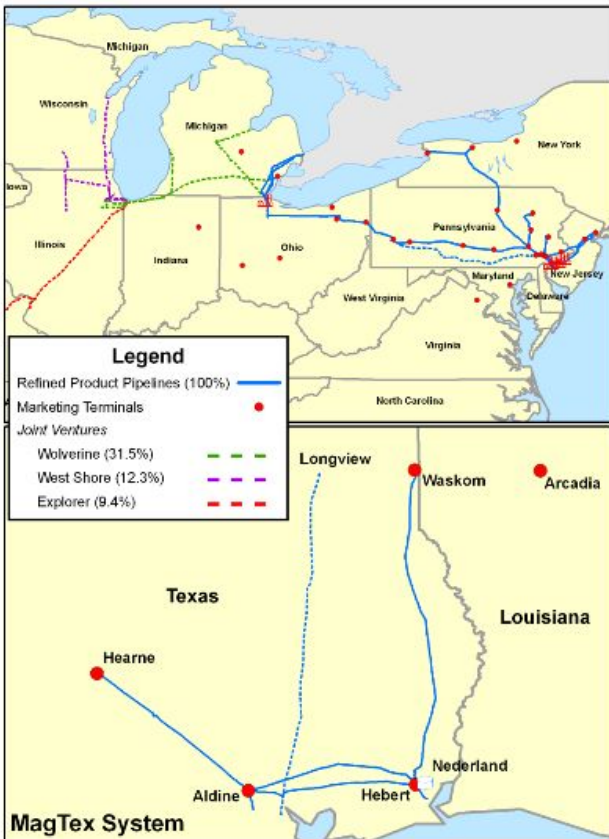


- Outside Sunoco footprint
 - Nederland terminal
 - MagTex organic growth
 - Crude oil pipeline organic growth

- Inside Sunoco footprint
 - Terminal services and pipeline infrastructure
 - Blending
 - Alternative fuels
 - Debottleneck where appropriate

Most of the historical growth has been outside the Sunoco footprint. Future growth opportunities exist in both areas.

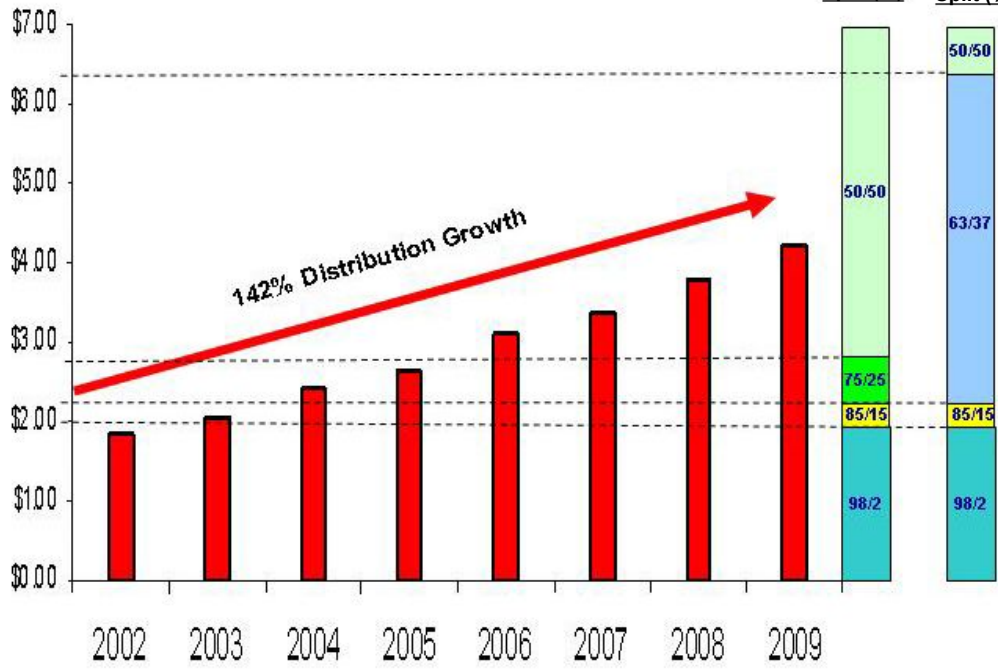




- Organic growth opportunities accelerate
 - Biodiesel
 - New terminal at Aldine, TX
 - Crude pipeline to products pipeline conversion to supply Longview, TX
 - Marcellus Shale Mariner project
- Blending services are becoming more essential as market needs expand
 - Ethanol
 - Biodiesel
 - Additive package
 - More expected in the future

Value from SXL

Average Annual Distribution
(per LP unit)



- Latest 12 month distribution growth: 10%
 - Highest in competitive class
- LP Distribution increased in 27 of last 28 quarters
- Current annualized distribution of \$4.46 (6.8% yield as of 5/28/10)
- Strong balance sheet
 - 3.6x Debt/EBITDA
 - Investment grade



- Consistent track record of distribution growth
- Excellent prospects for future growth both outside and inside the Sunoco footprint
 - Particular emphasis on the refined products system
 - Additional growth expected from integrated opportunities with Sunoco
 - Improve the refining/logistics/marketing integrated network
 - Identify possible terminal acquisitions
 - Work together on integrated opportunities (i.e. Marcellus Shale)
 - Supporting Sunoco's aspiration to become the premier provider of transportation fuels in its markets



Questions?