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 (Date of earliest event reported): August 1, 2006 (July 27, 2006)

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 no.)

Mellon Bank Center, 1735 Market Street, Philadelphia, PA (Address of principal executive offices)

19103-1699 (Zip Code)

866-248-4344

Registrant's telephone number, including area code

NOT APPLICABLE

(Former name or former address, if changed since last report.)

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

- o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

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Item 1.01. Entry into a Material Definitive Agreement.

On July 27, 2006, Sunoco Pipeline Acquisition LLC, a Delaware limited liability company ("Buyer") and wholly owned indirect subsidiary of Sunoco Logistics Partners L.P. (the "Partnership"), entered into a definitive Membership Interest Purchase Agreement (the "Agreement") with Sunoco, Inc., a Pennsylvania corporation ("Seller") and sole member of Sun Pipe Line Company of Delaware LLC (the "Company"), pursuant to which Buyer will purchase from Seller, all of the issued and outstanding membership interests in the Company. As consideration for the transaction, the Buyer will pay Seller \$65 million in cash. The purchase will be funded initially through a combination of cash on hand, and borrowing under the Partnership's revolving credit facility. The Partnership is a consolidated subsidiary of Seller. The Company owns 50 percent of the Class A (voting) shares and 55.26% of Class B (nonvoting) shares of the Mid-Valley Pipe Line Company, an Ohio corporation. Closing of this transaction is subject to certain conditions, including the filing of notice and expiration of the applicable waiting period under the Hart-Scott-Rodino Antitrust Improvements Act of 1976, as amended. The parties currently expect to close during the third quarter of 2006. A press release announcing the execution of the Agreement is attached hereto as Exhibit 99.1.

Item 2.02. Results of Operations and Financial Condition.

The press release announcing the financial results for the Partnership's 2006 second quarter is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

The information in this report, being furnished pursuant to Item 2.02 and 7.01 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 7.01. Regulation FD Disclosure.

On July 27, 2006, the Partnership issued a press release announcing its financial results for the second quarter 2006. Additional information concerning the Partnership's second quarter earnings was presented to investors in a teleconference call July 28, 2006. A copy of the slide presentation is attached hereto as Exhibit 99.2 and is incorporated herein by reference.

Item 9.01. Financial Statements and Exhibits.

- (c) Exhibit
- 99.1 Press release dated July 27, 2006.
- 99.2 Slide presentation given July 28, 2006 during investor teleconference.

Forward-Looking Statement

Statements contained in the exhibits 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 those results include those mentioned in the documents that the Partnership has filed with the Securities and Exchange Commission.

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SIGNATURES

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 hereunto duly authorized.

SUNOCO LOGISTICS PARTNERS L.P.

By: Sunoco Partners LLC, its General Partner (Registrant)

Date August 1, 2006

/s/ Jennifer L. Andrews

Jennifer L. Andrews Comptroller (Principal Accounting Officer)

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EXHIBIT INDEX

Exhibit Number	Exhibit
Exhibit 99.1	Press Release dated July 27, 2006.
Exhibit 99.2	Slide presentation given July 28, 2006 during investor teleconference.

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News Release

Sunoco Logistics Partners L.P. 1735 Market Street Philadelphia, Pa. 19103-7583

For release: 5.00 p.m. July 27, 2006

For further information contact: Jerry Davis (media) 215-977-6298 Colin Oerton (investors) 866-248-4344

No. 16

SUNOCO LOGISTICS PARTNERS L.P. REPORTS SECOND QUARTER 2006 RESULTS, ANNOUNCES ACQUISITION OF 55.3 PERCENT INTEREST IN MID VALLEY PIPELINE, AND DECLARES INCREASED SECOND QUARTER DISTRIBUTION

PHILADELPHIA, July 27, 2006 – Sunoco Logistics Partners L.P. (NYSE: SXL) today announced record quarterly net income for the second quarter ended June 30, 2006 of \$26.3 million, or \$0.81 per limited partner unit on a diluted basis, compared with \$17.8 million, or \$0.68 per limited partner unit on a diluted basis, for the second quarter of 2005. Net income for the six months ended June 30, 2006 was \$44.7 million, or \$1.48 per limited partner unit on a diluted basis, compared with net income of \$33.1 million, or \$1.28 per limited partner unit on a diluted basis, for the first half of 2005. Net income increased 47.9 percent, or \$8.5 million, for the second quarter 2006 compared to the second quarter of 2005, and 35.2 percent, or \$11.6 million, for the six months ended June 30, 2006 over the prior year period. These increases were due mainly to higher Western Pipeline System lease acquisition margins, an increase in total shipments in the Eastern Pipeline System, and operating results from the acquisitions completed in 2005 and 2006 in the Western Pipeline System. These increases were partially offset by higher interest expense related to financing of both the recent acquisitions and the Partnership's internal expansion capital program, and higher selling, general and administrative costs related to the acquired assets. Additionally, selling, general and administrative costs were higher in the six months ended June 30, 2006 as compared to 2005 due to \$2.9 million in costs related to the Western area headquarters relocation, which was completed in the first quarter 2006.

The Partnership also announced today that is has executed a purchase agreement with Sunoco, Inc. to acquire a 100 percent interest in Sun Pipe Line Company of Delaware LLC, the owner of a 55.3 percent equity interest in Mid-Valley Pipeline Company ("Mid-Valley") for \$65 million. Closing is expected within the next 30 days, subject to expiration of the Hart-Scott-Rodino waiting period. The purchase will initially be financed with the Partnership's revolving credit facility and cash on hand. Mid-Valley owns a 994-mile pipeline which originates in Longview, Texas and terminates in Samaria, Michigan, and has operating capacity of 238,000 barrels per day and 4.2 million barrels of shell storage capacity. Mid-Valley provides crude oil to a number of refineries, primarily in the Midwest United States. The Partnership will continue to be the operator of the Mid-Valley pipeline.

Sunoco Partners LLC, the general partner of Sunoco Logistics Partners L.P., also declared an increased cash distribution for the second quarter 2006 of \$0.775 per common and subordinated partnership unit (\$3.10 annualized) payable August 14, 2006 to unitholders of record on August 7, 2006, an increase of \$0.025 per partnership unit over the preceding quarter (\$0.10 annualized increase).

"We are exceptionally pleased with both our second quarter earnings and the acquisition of a 55.3 percent interest in Mid-Valley", said Deborah M. Fretz, President and Chief Executive Officer. "Earnings reached record levels and are 47.9 percent higher than last year's second quarter. Acquisitions, primarily in the Western crude oil investment platform, and organic growth in the base business resulted in increased cash flow. Lease acquisition margins have also improved versus the prior year. The purchase of the Mid-Valley Pipeline interest in the third quarter will continue to improve our ratable cash flow. We expect to receive annual dividends from our ownership interest of approximately \$6.5 million. With the additional growth in EBITDA, we announced a 3.3 percent increase in our distribution to unitholders to \$3.10 per unit annually. This represents the twelfth distribution increase in the past thirteen quarters, and a 21.6 percent increase over the second quarter of 2005."

Segmented Second Quarter Results

Eastern Pipeline System

Operating income for the Eastern Pipeline System increased \$3.2 million to \$11.3 million for the second quarter 2006 from \$8.1 million for the second quarter 2005. This increase was primarily the result of a \$1.8 million increase in sales and other operating revenue and a \$1.5 million decrease in operating expenses. Sales and other operating revenue increased from \$23.4 million for the prior year's quarter to \$25.2 million for the second quarter 2006 due to an increase in total shipments as well as higher revenue per barrel mile. The increase in shipments was due principally to higher throughput on the Marysville, Michigan to Toledo, Ohio crude oil pipeline due to resumed production at two third-party Canadian synthetic crude oil plants which experienced reduced production in 2005 as a result of fire damage, and higher demand due to expansion of a Detroit refinery served by the Marysville pipeline. Operating expenses decreased from \$11.1 million in the second quarter 2005 to \$9.6 million for the second quarter 2006 due mainly to product operating gains, partially offset by increased utility and operating supply costs.

Terminal Facilities

The Terminal Facilities business segment had record operating income of \$9.9 million for the second quarter 2006, an increase of \$0.6 million from \$9.3 million for the prior year's second quarter. Total revenues increased \$2.5 million from the prior year's second quarter to \$30.4 million for the second quarter 2006 due primarily to increased revenues associated with the addition of ethanol blending at the balance of the Partnership's refined product terminals in May 2006, increased revenues at the Partnership's Nederland Terminal, and increased volumes at the refined product terminals. Operating expenses increased \$1.0 million from the prior year's second quarter to \$12.7 million for the second quarter 2006 due to the timing of scheduled maintenance activity and higher utility costs. Closing of the previously announced agreement to purchase a 50 percent interest in a refined products terminal located in Syracuse, New York from an affiliate of Exxon Mobil Corporation is now expected to occur in the third quarter of 2006.

Western Pipeline System

Operating income for the Western Pipeline System increased \$6.0 million to a record quarterly high of \$11.8 million for the second quarter 2006 from \$5.8 million for the second quarter 2005. The increase was primarily the result of higher lease acquisition margins, and higher crude oil pipeline volumes, mainly from the Corsicana to Wichita Falls, Texas crude oil pipeline acquired in August 2005, the 37.0 percent undivided interest in the Mesa Pipe Line System acquired in December 2005, and the

Millennium and Kilgore pipelines acquired in March 2006. Total revenues and cost of products sold and operating expenses increased compared with the prior year's quarter due principally to an increase in the price of crude oil. The average price of West Texas Intermediate crude oil at Cushing, Oklahoma, increased to \$70.70 per barrel for the second quarter 2006 from \$53.13 per barrel for the second quarter 2005. Operating expenses were higher also as a result of increased costs associated with the acquired assets and higher utility costs. Depreciation and amortization increased by \$1.3 million due principally to the 2005 and 2006 acquisitions discussed earlier. Depreciation on the Amdel pipeline, acquired in March 2006, began in June 2006 when the line became operational. Shipments on the pipeline are expected to begin during the third quarter 2006.

Segmented Six Month Results

Eastern Pipeline System

Operating income for the Eastern Pipeline System for the six months ended June 30, 2006 increased \$4.4 million to \$21.2 million from \$16.8 million in the prior year period. Sales and other operating revenue increased over the prior year period due to an increase in total shipments. The increase in shipments was principally the result of higher throughput on the Marysville to Toledo crude oil pipeline as a result of the prior year production issues previously discussed. Other income decreased to \$4.8 million for the first half of 2006 from \$6.3 million for the prior year period due primarily to a decrease in joint venture equity income mainly as a result of reduced pipeline volumes experienced by the Partnership's joint venture interests. Operating expenses decreased from \$21.7 million in the first half of 2005 to \$20.2 million for the first half of 2006 due mainly to product operating gains, partially offset by increased utility and operating supply costs.

Terminal Facilities

The Terminal Facilities business segment had operating income of \$19.3 million for the six months ended June 30, 2006, an increase of \$0.5 million from \$18.8 million for the prior year's corresponding period. Total revenues increased \$3.7 million from the prior year's first half to \$59.5 million for the first half of 2006 due primarily to an increase in revenues at the Partnership's Nederland Terminal, as well as increased revenues associated with the addition of ethanol blending at the balance of the Partnership's refined product terminals in May 2006. Operating expenses increased \$2.5 million from the prior year's first half to \$25.3 million for the first half of 2006 due to the timing of scheduled maintenance activity and higher utility costs.

Western Pipeline System

Operating income for the Western Pipeline System increased \$9.1 million to \$17.1 million for the six months ended June 30, 2006 from \$8.0 million for the corresponding prior year period. The increase was primarily the result of higher lease acquisition margins, and higher crude oil pipeline volumes, mainly from the acquisitions previously discussed. Total revenues and cost of products sold and operating expenses increased in the first half of 2006 compared with the prior year's first half due principally to an increase in the price of crude oil. The average price of West Texas Intermediate crude oil at Cushing, Oklahoma, increased to \$67.13 per barrel for the first half of 2006 from \$51.53 per barrel for the first half of 2005. Selling, general and administrative expenses increased \$4.2 million due principally to \$2.9 million of costs related to the Western area headquarters relocation from Tulsa, Oklahoma to Sugar Land, Texas, as well as increased costs associated with the acquired assets. The relocation to Sugar Land was completed in the first quarter 2006.

Other Analysis

Financing Costs

Net interest expense increased \$1.3 million for the second quarter 2006 and \$2.3 million for the six months ended June 30, 2006, compared to the prior year's respective periods, primarily due to increased borrowings and higher interest rates, partially offset by \$1.2 million and \$1.7 million in capitalized interest for the quarter and six-month period ended June 30, 2006. The Partnership increased borrowings under its credit facility by \$109.5 million to fund the acquisitions of the Millennium and Kilgore pipelines and the Amdel pipeline in March 2006. The Partnership also issued \$175 million of 6.125% Senior Notes during the second quarter 2006. Net proceeds of \$173.3 million from this offering, together with the \$110.4 million in net proceeds from the concurrent offering of 2.7 million limited partner common units, were utilized to repay all of the outstanding borrowings under its credit facility and to fund a portion of the Partnership's internal expansion capital program. Total debt outstanding at June 30, 2006 consisted of \$423.8 million of Senior Notes.

Capital Expenditures

Maintenance capital expenditures decreased \$2.1 million to \$3.9 million for the second quarter 2006 from the second quarter 2005 due primarily to the differences in timing of scheduled maintenance activity between the periods. Maintenance capital expenditures for the six months ended June 30, 2006 were \$10.3 million, including \$2.8 million related to the Western area headquarters relocation. Excluding the relocation costs, maintenance capital expenditures decreased \$3.4 million from the first six months of 2005 due mainly to the differences in timing of scheduled maintenance activity between the periods. Management anticipates maintenance capital expenditures, excluding reimbursable amounts under agreements discussed below and \$2.8 million related to the Western area headquarters relocation, to be approximately \$25.0 million for the year ended December 31, 2006.

Expansion capital expenditures increased by \$29.2 million to \$33.3 million for the second quarter 2006 due primarily to the construction at Nederland of six new crude oil storage tanks with a total capacity of approximately 3.6 million shell barrels, and installation of ethanol blending facilities at certain refined product terminals. All of the Partnership's refined product terminals now have ethanol blending capability. Expansion capital expenditures increased by \$143.1 million to \$150.2 million for the six months ended June 30, 2006 due primarily to the acquisitions of the Millennium and Kilgore pipelines and the Amdel pipeline in March 2006, expansion of the Marysville crude oil pipeline and the Amdel pipeline, the construction at Nederland of six new crude oil storage tanks, and installation of ethanol blending facilities at certain refined product terminals.

Reimbursements Under Agreements with Sunoco

Under agreements with Sunoco, the Partnership received reimbursement of \$0.7 million and \$0.5 million for the second quarter 2006 and 2005, respectively, and \$0.7 million and \$0.9 million for the six months ended June 30, 2006 and 2005, respectively, for maintenance capital expenditures associated with improvements to certain assets incurred during the period. The reimbursements of these amounts were recorded by the Partnership as capital contributions.

Sunoco Logistics Partners L.P. Financial Highlights (in thousands, except units and per unit amounts) (unaudited)

	Three Months Ended June 30,		Six Months Ended June 30,	
	2006	2005	2006	2005
Income Statement				
Sales and other operating revenue	\$ 1,491,496	\$ 1,080,445	\$ 2,752,467	\$ 2,092,294
Other income	3,872	4,089	6,263	7,716
Total Revenues	1,495,368	1,084,534	2,758,730	2,100,010
Cost of products sold and operating expenses	1,439,674	1,041,388	2,654,460	2,016,299
Depreciation and amortization	9,211	7,493	18,157	15,615
Selling, general and administrative expenses	13,522	12,507	28,525	24,424
Total costs and expenses	1,462,407	1,061,388	2,701,142	2,056,338
Operating income	32,961	23,146	57,588	43,672
Interest cost and debt expense, net	7,830	5,352	14,589	10,580
Capitalized interest	(1,189)		(1,745)	
Net Income	\$ 26,320	\$ 17,794	\$ 44,744	\$ 33,092
Calculation of Limited Partners' interest:				
Net Income	\$ 26,320	\$ 17,794	\$ 44,744	\$ 33,092
Less: General Partner's interest	(4,101)	(1,156)	(5,445)	(2,078)
Limited Partners' interest in Net Income	\$ 22,219	\$ 16,638	\$ 39,299	\$ 31,014
Net Income per Limited Partner unit				
Basic	\$ 0.81	\$ 0.69	\$ 1.48	\$ 1.29
				
Diluted	\$ 0.81	\$ 0.68	\$ 1.48	\$ 1.28
Weighted average Limited Partners' units outstanding:				
Basic	27,466,092	24,144,043	26,499,007	24,116,585
Diluted	27,589,644	24,303,921	26,623,554	24,295,440
Capital Expenditure Data:				
Maintenance capital expenditures	\$ 3,858	\$ 6,003	\$ 10,297	\$ 10,904
Expansion capital expenditures	33,256	4,086	150,169	7,026
Total	\$ 37,114	\$ 10,089	\$ 160,466	\$ 17,930
	June 30, 200	Dec. 31, 2005		
Balance Sheet Data (at period end):		2000		
Cash and cash equivalents	\$ 25,44	12 \$ 21,645		
Total Debt	423,81	13 355,573		
Total Partners' Capital	637,52	28 523,411		

Sunoco Logistics Partners L.P. Earnings Contribution by Business Segment (in thousands, unaudited)

		onths Ended ne 30,	Six Months Ended June 30,		
	2006	2005	2006	2005	
Eastern Pipeline System:					
Sales and other operating revenue	\$ 25,223	\$ 23,441	\$ 50,499	\$ 46,945	
Other income	2,859	3,179	4,831	6,250	
Total Revenues	28,082	26,620	55,330	53,195	
Operating expenses	9,583	11,119	20,232	21,736	
Depreciation and amortization	2,568	2,607	5,218	5,206	
Selling, general and administrative expenses	4,604	4,740	8,672	9,399	
Operating Income	\$ 11,327	\$ 8,154	\$ 21,208	\$ 16,854	
Terminal Facilities:					
Total Revenues	\$ 30,377	\$ 27,886	\$ 59,497	\$ 55,814	
Operating expenses	12,739	11,751	25,296	22,790	
Depreciation and amortization	3,880	3,431	7,580	7,515	
Selling, general and administrative expenses	3,883	3,454	7,356	6,722	
Operating Income	\$ 9,875	\$ 9,250	\$ 19,265	\$ 18,787	
					
Western Pipeline System:					
Sales and other operating revenue	\$1,435,896	\$1,029,118	\$2,642,478	\$1,989,536	
Other income	1,013	910	1,425	1,465	
Total Revenues	1,436,909	1,030,028	2,643,903	1,991,001	
Cost of products sold and operating expenses	1,417,352	1,018,518	2,608,932	1,971,773	
Depreciation and amortization	2,763	1,455	5,359	2,894	
Selling, general and administrative expenses	5,035	4,313	12,497	8,303	
Operating Income	\$ 11,759	\$ 5,742	\$ 17,115	\$ 8,031	

Sunoco Logistics Partners L.P. Operating Highlights (unaudited)

		Three Months Ended June 30,		hs Ended 2 30,	
	2006	2005	2006	2005	
Eastern Pipeline System: (1)					
Total shipments (barrel miles per day) (2)	58,451,104	55,429,896	59,713,014	55,514,812	
Revenue per barrel mile (cents)	0.474	0.465	0.467	0.467	
Terminal Facilities:					
Terminal throughput (bpd):					
Refined product terminals	390,341	383,286	386,807	389,619	
Nederland terminal	449,176	452,571	469,309	472,133	
Refinery terminals (3)	713,407	709,023	703,597	699,459	
Western Pipeline System: (1)(4)					
Crude oil pipeline throughput (bpd)	519,808	320,243	502,503	319,113	
Crude oil purchases at wellhead (bpd)	201,975	191,820	191,751	193,325	
Gross margin per barrel of pipeline throughput (cents) (5)	33.4	31.4	31.0	25.7	

- (1) Excludes amounts attributable to equity ownership interests in the corporate joint ventures.
- (2) Represents total average daily pipeline throughput multiplied by the number of miles of pipeline through which each barrel has been shipped.
- (3) Consists of the Partnership's Fort Mifflin Terminal Complex, the Marcus Hook Tank Farm and the Eagle Point Dock.
- (4) Includes results from the Partnership's purchases of an undivided joint interest in the Mesa Pipe Line system, the Corsicana to Wichita Falls, Texas pipeline system, and the Millennium and Kilgore pipeline system from acquisition dates.
- (5) Represents total segment sales and other operating revenue minus cost of products sold and operating expenses and depreciation and amortization divided by crude oil pipeline throughput.

An investor call with management regarding our second-quarter results is scheduled for Friday morning, July 28 at 9:00 am EDT. Those wishing to listen can access the call by dialing (USA toll free) 1-877-297-3442; International (USA toll) 1-706-643-1335 and request "Sunoco Logistics Partners Earnings Call, Conference Code 2316782". This event may also be accessed by a webcast, which will be available at www.sunocologistics.com. A number of presentation slides will accompany the audio portion of the call and will be available to be viewed and printed shortly before the call begins. Individuals wishing to listen to the call on the Partnership's web site will need Windows Media Player, which can be downloaded free of charge from Microsoft or from Sunoco Logistics Partners' conference call page. Please allow at least fifteen minutes to complete the download.

Audio replays of the conference call will be available for two weeks after the conference call beginning approximately two hours following the completion of the call. To access the replay, dial 1-800-642-1687. International callers should dial 1-706-645-9291. Please enter Conference ID#2316782.

Sunoco Logistics Partners L.P. (NYSE: SXL), headquartered in Philadelphia, is a master limited partnership formed to acquire, own and operate refined product and crude oil pipelines and terminal facilities, including those of Sunoco, Inc. The Eastern Pipeline System consists of approximately 1,787 miles of primarily refined product pipelines and interests in four refined products pipelines, consisting of a 9.4 percent interest in Explorer Pipeline Company, a 31.5 percent interest in Wolverine Pipe Line Company, a 12.3 percent interest in West Shore Pipe Line Company and a 14.0 percent interest in Yellowstone Pipe Line Company. The Terminal Facilities consist of 8.9 million barrels of refined product terminal capacity and 19.4 million barrels of crude oil terminal capacity (including 12.5 million barrels of capacity at the Texas Gulf Coast Nederland Terminal). The Western Pipeline System consists of approximately 3,635 miles of crude oil pipelines, located principally in Oklahoma and Texas, a 43.8 percent interest in the West Texas Gulf Pipe Line Company and a 37.0 percent undivided interest in the Mesa Pipe Line System. For additional information visit Sunoco Logistics' web site at www.sunocologistics.com.

Although Sunoco Logistics Partners L.P. (the "Partnership") believes that the assumptions underlying these statements are reasonable, investors are cautioned that such forward-looking statements are inherently uncertain and necessarily involve risks that may affect the Partnership's business prospects and performance causing actual results to differ from those discussed in the foregoing release. Such risks and uncertainties include, by way of example and not of limitation: whether or not the transactions described in the foregoing news release will be cash flow accretive; increased competition; changes in demand for crude oil and refined products that we store and distribute; changes in operating conditions and costs; changes in the level of environmental remediation spending; potential equipment malfunction; potential labor issues; the legislative or regulatory environment; plant construction/repair delays; nonperformance by major customers or suppliers; and political and economic conditions, including the impact of potential terrorist acts and international hostilities. These and other applicable risks and uncertainties have been described more fully in the Partnership's Form 10-Q filed with the Securities and Exchange Commission on April 28, 2006. The Partnership undertakes no obligation to update any forward-looking statements in this release, whether as a result of new information or future events.

Sunoco Logistics Partners L.P.



Second Quarter 2006 Earnings Conference Call July 28, 2006

Forward-Looking Statement

You should review this slide presentation in conjunction with the second quarter 2006 earnings conference call for Sunoco Logistics Partners L.P., held on July 28 at 9:00 a.m. EDT. You may listen to the audio portion of the conference call on our website at www.sunocologistics.com or by dialing (USA toll-free) 1-877-297-3442. International callers should dial 1-706-643-1335. Please enter Conference ID #2316782.

Audio replays of the conference call will be available for two weeks after the conference call beginning approximately two hours following the completion of the call. To access the replay, dial 1-800-642-1687. International callers should dial 1-706-645-9291. Please enter Conference ID #2316782.

During the call, those statements we make that are not historical facts are forward-looking statements. Although we believe the assumptions underlying these statements are reasonable, investors are cautioned that such forward-looking statements involve risks that may affect our business prospects and performance, causing actual results to differ from those discussed during the conference call. Such risks and uncertainties include, among other things: our ability to successfully consummate announced acquisitions and integrate them into existing business operations; the ability of announced acquisitions to be cash-flow accretive; increased competition; changes in the demand both for crude oil that we buy and sell, as well as for crude oil and refined products that we store and distribute; the loss of a major customer; changes in our tariff rates; changes in throughput of third-party pipelines that connect to our pipelines and terminals; changes in operating conditions and costs; changes in the level of environmental remediation spending; potential equipment malfunction; potential labor relations problems; the legislative or regulatory environment; plant construction/repair delays; and political and economic conditions, including the impact of potential terrorist acts and international hostilities.

These and other applicable risks and uncertainties are described more fully in our Form 10-Q, filed with the Securities and Exchange Commission on April 28, 2006. We undertake no obligation to update publicly any forward-looking statements whether as a result of new information or future events.

Q2 2006 Milestones

- Record second quarter 2006 net income of \$26.3 million or \$0.81 per L.P. unit, as compared to \$17.8 million or \$0.68 per L.P. unit in the prior year's quarter
- Total increased distribution of \$0.025 (\$0.10 annualized) per unit to \$0.775 (\$3.10 annualized), a 3.3 percent increase over the prior quarter's distribution
 - Twelfth distribution increase over the past thirteen quarters
 - 21.6 percent increase over prior year's second quarter distribution
- Executed purchase agreement with Sunoco, Inc. to acquire 100 percent interest in Sun Pipe Line Company of Delaware LLC, the owner of a 55.3 percent equity interest in Mid-Valley Pipeline Company for \$65 million
 - 994-mile crude oil pipeline from Longview, Texas to Samaria, Michigan
 - 238,000 bpd operating capacity and 4.2 million barrels shell storage capacity
 - Expect annual dividends of approximately \$6.5 million for our interest

Q2 2006 Financial Highlights

(\$ in millions, unaudited)

	Three Mon June		Six Mont June	
	2006	2005	2006	2005
Sales and other operating revenue Other income	\$ 1,491.5 3.9	\$1,080.4 4.1	\$2,752.5 6.3	\$ 2,092.3 7.7
Total revenues	1,495.4	1,084.5	2,758.7	2,100.0
Cost of products sold and operating expenses Depreciation and amortization Selling, general and administrative expenses Total costs and expenses	1,439.7 9.2 13.5 1,462.4	1,041.4 7.5 12.5 1,061.4	2,654.5 18.2 28.5 2,701.1	2,016.3 15.6 24.4 2,056.3
Operating income Interest cost and debt expense, net Capitalized Interest Net Income	33.0 7.8 (1.2) \$ 26.3	23.1 5.4 	57.6 14.6 (1.7) \$ 44.7	43.7 10.6 ————————————————————————————————————

Q2 2006 Financial Highlights

(amounts in millions, except unit and per unit amounts, unaudited)

	Three Mon June		Six Months Ended June 30,			
	2006	2005	2006	2005		
Calculation of Limited Partners' interest:						
Net Income Less: General Partner's interest	\$ 26.3 (4.1)	\$ 17.8 (1.2)	\$ 44.7 (5.4)	\$ 33.1 (2.1)		
Limited Partners' interest in Net Income	\$ 22.2	\$ 16.6	\$ 39.3	\$ 31.0		
Net Income per Limited Partner unit:						
Basic	\$ 0.81	\$ 0.69	\$ 1.48	\$ 1.29		
Diluted	\$ 0.81	\$ 0.68	\$ 1.48	\$ 1.28		
Weighted average Limited Partners' units outstanding (in thousands):						
Basic	27,466	24,144	26,499	24,117		
Diluted	27,590	24,304	26,624	24,295		

Eastern Pipeline System

(amounts in millions, unless otherwise noted, unaudited)

	Three Months Ended June 30,		Six Month June	
	2006	2005	2006	2005
Financial Highlights				
Sales and other operating revenue Other income Total revenues	\$ 25.2 2.9 28.1	\$ 23.4 3.2 26.6	\$ 50.5 4.8 55.3	\$ 46.9 6.3 53.2
Operating expenses Depreciation and amortization Selling, general and administrative expenses Operating income	9.6 2.6 4.6 \$ 11.3	11.1 2.6 4.7 \$ 8.1	20.2 5.2 8.7 \$ 21.2	21.7 5.2 9.4 \$ 16.8
Operating Highlights ⁽¹⁾				
Total shipments (mm barrel miles per day) ⁽²⁾ Revenue per barrel mile (cents)	58.5 0.474	55.4 0.465	59.7 0.467	55.5 0.467

Excludes amounts attributable to equity ownership interests in the corporate joint ventures.
 Represents total average daily pipeline throughput multiplied by the number of miles of pipeline through which each barrel has been shipped.

Terminal Facilities

(amounts in millions, unless otherwise noted, unaudited)

	Three Months Ended June 30,		Six Monti June	
	2006	2005	2006	2005
Financial Highlights				
Total revenues	\$ 30.4	\$ 27.9	\$ 59.5	\$ 55.8
Operating expenses Depreciation and amortization Selling, general and administrative expenses	12.7 3.9 3.9	11.8 3.4 3.5	25.3 7.6 7.4	22.8 7.5 6.7
Operating income	\$ 9.9	\$ 9.3	\$ 19.3	\$ 18.8
Operating Highlights				
Terminal throughput (000's bpd) Refined product terminals Nederland terminal Refinery terminals (1)	390.3 449.2 713.4	383.3 452.6 709.0	386.8 469.3 703.6	389.6 472.1 699.5

⁽¹⁾ Consists of the Partnership's Fort Mifflin Terminal Complex, the Marcus Hook Tank Farm and the Eagle Point Dock.

Western Pipeline System

(amounts in millions, unless otherwise noted, unaudited)		nths Ended e 30,	Six Months Ended June 30,		
	2006	2005	2006	2005	
Financial Highlights					
Sales and other operating revenue Other income	\$1,435.9 1.0	\$ 1,029.1 0.9	\$2,642.5 1.4	\$ 1,989.5 1.5	
Total revenues	1,436.9	1,030.0	2,643.9	1,991.0	
Cost of products sold and operating expenses	1,417.4	1,018.5	2,608.9	1,971.8	
Depreciation and amortization	2.8	1.5	5.4	2.9	
Selling, general and administrative expenses	5.0	4.3	12.5	8.3	
Operating income	\$ 11.8	\$ 5.8	\$ 17.1	\$ 8.0	
Operating Highlights ⁽¹⁾⁽²⁾					
Crude oil pipeline throughput (000's bpd) Crude oil purchases at wellhead (000's bpd) Gross margin per barrel of pipeline throughput (cents) ⁽²⁾	519.8 202.0 33.4	320.2 191.8 31.4	502.5 191.8 31.0	319.1 193.3 25.7	

⁽¹⁾ Excludes amounts attributable to equity ownership interests in the corporate joint venture.
(2) Represents total segment sales and other operating revenue minus cost of products sold and operating expenses and depreciation and amortization divided by crude oil pipeline throughput.

⁽³⁾ Includes results from the Partnership's purchases of an undivided joint interest in the Mesa Pipe Line system, the Corsicana to Wichita Falls, Texas pipeline system, and the Millennium and Kilgore pipeline system from acquisition dates.

Q2 2006 Financial Highlights

(\$ in millions, unaudited)

	Three Months Ended June 30,				Six Months Ended June 30,			
	2006		2	2005		2006		005
Capital Expenditure Data:								
Maintenance capital expenditures	\$	3.9	\$	6.0	\$	10.3	\$	10.9
Expansion capital expenditures		33.3		4.1		150.2		7.0
Total	\$	37.1	\$	10.1	\$	160.5	\$	17.9
Reimbursement Under Agreements								
with Sunoco, Inc.	\$	0.7	\$	0.5	\$	0.7	\$	0.9
		ne 30, 1006		mber 31, 1005				
Balance Sheet Data (at period end):								
Cash and cash equivalents	\$	25.4		\$ 21.6				
Total debt		423.8		355.6				
Total Partners' Capital		637.5		523.4				