

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

1. Name and Address of Reporting Person* <u>FREDERICKSON PHILIP L</u> (Last) (First) (Middle) <u>1818 MARKET STREET</u> <u>SUITE 1500</u> (Street) <u>PHILADELPHIA PA</u> <u>19103-3615</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>SUNOCO LOGISTICS PARTNERS L.P. [SXL]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>12/31/2010</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

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			

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)	
					(A)	(D)	Date Exercisable	Expiration Date						Amount or Number of Shares
Restricted Units	(1)	12/31/2010		A ⁽²⁾	126		(3)	(3)	Common Units	126	\$81.631	2,498	D	
Voluntary Deferred Restricted Units	(1)	12/31/2010		A ⁽⁴⁾	126		(3)	(3)	Common Units	126	\$81.631	1,351	D	

Explanation of Responses:

- The conversion rate is 1 for 1.
- Reflects crediting of Restricted Units into the Director's Mandatory Deferred Compensation Account pursuant to the Directors' Deferred Compensation Plan, in a transaction exempt under Rule 16b-3(d).
- Not applicable.
- Reflects crediting of Restricted Units into the Director's Voluntary Deferred Compensation Account pursuant to the Directors' Deferred Compensation Plan, in a transaction exempt under Rule 16b-3(d).

/s/John J. DiRocco, Jr.
attorney-in-fact for Philip L. Frederickson 01/04/2011

** 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.

POWER OF ATTORNEY

I, Philip R. Frederickson, do hereby appoint each of Kathleen Shea-Ballay, Christopher A. Ruggiero, and John J. DiRocco, Jr. signing singly, as my true and lawful attorney-in-fact to:

1. Execute the following items (each a "Report" and, collectively, "Reports"), on my behalf and in my capacity as a reporting person of Sunoco Partners LLC ("Company"), which Company is the general partner of Sunoco Logistics Partners L.P. ("Partnership"):
 - a. Forms 3, 4 and 5 and any other report required pursuant to Section 16(a) of the Securities Exchange Act of 1934, as amended, and the rules thereunder; and
 - b. Form 144 and any other similar report required under the Securities Act of 1933, as amended; and
2. Perform any and all acts on my behalf which may be necessary or desirable to complete and execute any Reports and timely file such Reports with the United States Securities and Exchange Commission and/or any stock exchange or similar authority; and
3. Take any other action in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by the undersigned, it being understood that any document executed by such attorney-in-fact on my behalf pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in their discretion.

I grant to each such attorneys-in-fact full power and authority to do and perform any act necessary or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as I might or could do if personally present, with full power of substitution or revocation. I ratify and confirm all that such attorney-in-fact, or any substitute of such attorney-in-fact, shall lawfully do or cause to be done by the rights and powers granted by this Power of Attorney.

I acknowledge that each such attorney-in-fact, in serving in such capacity at my request, is not assuming, nor is the Company, or the Partnership, assuming, any of my responsibilities to comply with Section 16 of the Securities Exchange Act of 1934, Rule 144 under the Securities Act of 1933, or applicable federal or state securities laws generally.

This Power of Attorney shall remain in full force and effect until I am no longer required to file any Reports with respect to my holdings of and transactions in securities issued by the Company, and/or the Partnership, unless I earlier revoke it in a signed writing delivered to the General Counsel and Secretary of the Company.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed this 22nd day of November, 2010.

/s/ Philip R. Frederickson
Director

Attest: /s/ Lynn Lickman
Assistant Secretary