

PROLOGIS
Form 4
May 18, 2010

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
Expires: January 31, 2005
Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
SULLIVAN WILLIAM E

(Last) (First) (Middle)
4545 AIRPORT WAY
(Street)

DENVER, CO 80239

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
PROLOGIS [PLD]

3. Date of Earliest Transaction (Month/Day/Year)
05/15/2010

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)

Chief Financial Officer

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
___ Form filed by More than One Reporting Person

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 Ownership (Instr. 4)		
			Code	V	Amount	(A) or (D)	Price		
Common Shares of Beneficial Interest, par value \$.01 <u>(1)</u>	05/15/2010	05/15/2010	M		4,628	A	\$ 0	120,861	D
Common Shares of Beneficial Interest, par value \$.01 <u>(2)</u>	05/15/2010	05/15/2010	M		761	A	\$ 0	121,622	D

Common Shares of Beneficial Interest, par value \$.01 (3)	05/15/2010	05/15/2010	F	1,793	D	\$ 11.51	119,829	D
--	------------	------------	---	-------	---	----------	---------	---

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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 control number.

SEC 1474
(9-02)

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 Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares
Restricted Share Units	\$ 0	05/15/2010	05/15/2010	M	4,628	(1) (1)	Common Shares of Beneficial Interest	4,628
Dividend Equivalent Units on RSUs	\$ 0	05/15/2010	05/15/2010	M	761	(2) (2)	Common Shares of Beneficial Interest	761

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
SULLIVAN WILLIAM E 4545 AIRPORT WAY DENVER, CO 80239			Chief Financial Officer	

Signatures

/s/ Kristi Oberson attorney in fact for William
Sullivan

05/18/2010

__Signature of Reporting Person

Date

Explanation of Responses:

- * 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).
- (1) RSUs. Conversion of 25% of restricted share unit award ("RSUs") following vest. The RSUs convert into common shares on a 1-for-1 basis.
- (2) DEUS. Automatic settlement of Dividend Equivalent Units ("DEUs"). DEUs are settled in connection with vesting of RSUs. The DEUS convert into common shares on a 1-for-1 basis. DEUs have no exercise price or expiration date.
- (3) Shares withheld for payment of tax liability.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.