Szurek Paul E. Form 4 May 17, 2012

FORM 4

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

Check this box if no longer

subject to Section 16. Form 4 or

Form 5 obligations may continue. See Instruction

1(b).

(Last)

1. Title of

Security

(Instr. 3)

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 * Szurek Paul E.

(Middle)

C/O CORESITE REALTY CORPORATION, 1050 17TH STREET, SUITE 800

(Street)

(First)

DENVER, CO 80265

2. Issuer Name and Ticker or Trading Symbol

CoreSite Realty Corp [COR]

3. Date of Earliest Transaction (Month/Day/Year) 05/16/2012

4. If Amendment, Date Original

Filed(Month/Day/Year)

Form filed by More than One Reporting

(State) (Zip) (City)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if (Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code (Instr. 8)

Disposed of (D) (Instr. 3, 4 and 5)

Owned Following Reported (A)

Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price

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

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Conversion

3. Transaction Date 3A. Deemed

5. Number

6. Date Exercisable and (Month/Day/Year) Execution Date, if Transaction of Derivative Expiration Date

7. Title and Amount of 8. Pr Underlying Securities

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

5. Relationship of Reporting Person(s) to

6. Individual or Joint/Group Filing(Check

6. Ownership

Form: Direct

X Form filed by One Reporting Person

(I)

(Instr. 4)

(Check all applicable)

10% Owner

Other (specify

7. Nature of

Ownership (Instr. 4)

(9-02)

Indirect

(D) or Indirect Beneficial

Issuer

below)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

5. Amount of

Securities

Beneficially

X_ Director

Applicable Line)

Officer (give title

Estimated average

burden hours per

1

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)			(Month/Day/Year)		(Instr. 3 and 4)		Secu (Inst
				Code V	(A) ((D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	(1)	05/16/2012		A	1,617		(2)	(3)	Common Stock	1,617	\$

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Szurek Paul E. C/O CORESITE REALTY CORPORATION 1050 17TH STREET, SUITE 800 DENVER, CO 80265



Signatures

/s/ Derek S. McCandless, Attorney-in-Fact

05/17/2012

**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).
- Each Restricted Stock Unit ("RSU") represents the right to receive one share of common stock of the issuer. The reproting person also holds a tandem Dividend Equivalent ("DE") for each RSU held, which gives the reporting person the right to receive, upon the payment of any ordinary quarterly cash dividend paid to holders of common stock of the issuer, an equivalent payment in the form of additional RSUs and DEs.
- (2) The RSUs are vested in full and will be payable upon the reporting person's termination of service as a director.
- (3) The RSUs have no expiration date.

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.

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