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SL GREEN REALTY CORP

Reported by

MATHIAS ANDREW W

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 12/23/10 for the Period Ending 12/22/10

Address	420 LEXINGTON AVENUE ATTN: STEVEN KAHN NEW YORK, NY 10170
Telephone	2125942700
CIK	0001040971
Symbol	SLG
SIC Code	6798 - Real Estate Investment Trusts
Industry	Real Estate Operations
Sector	Services
Fiscal Year	12/31

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FORM 4

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

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

OMB APPROVAL
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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(f) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *	2. Issuer Name **and** Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
MATHIAS ANDREW W	**SL GREEN REALTY CORP [SLG]**	_____ Director _____ 10% Owner
(Last) (First) (Middle) **C/O SL GREEN REALTY CORP., 420 LEXINGTON AVENUE**	3. Date of Earliest Transaction (MM/DD/YYYY) **12/22/2010**	__ **X** __ Officer (give title below) _____ Other (specify below) **President & CIO**
(Street) **NEW YORK, NY 10170** (City) (State) (Zip)	4. If Amendment, Date Original Filed (MM/DD/YYYY)	6. Individual or Joint/Group Filing (Check Applicable Line) _ **X** _ 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. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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			
Common Stock	**12/22/2010**		**S**		**49833**	**D**	**$66.39** (1)	**278829.35** (2)	**D**	

Table II - Derivative Securities Beneficially Owned (*e.g.* , puts, calls, warrants, options, convertible securities)

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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		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 of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:

(1) Represents the weighted average sale price. These shares were sold in multiple transactions at prices ranging from $66.00 to $64.64, inclusive. The reporting person undertakes to provide upon request by the U.S. Securities and Exchange Commission staff, the Issuer or a security holder of the Issuer, full information regarding the number of shares sold at each separate price.

(2) Includes 115.76 shares of Common Stock purchased by the Reporting Person through the Issuer's Employee Stock Purchase Plan.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MATHIAS ANDREW W **C/O SL GREEN REALTY CORP.** **420 LEXINGTON AVENUE** **NEW YORK, NY 10170**			**President & CIO**	

Signatures

/s/ Andrew W. Mathias	**12/23/2010**
** 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 control number.