FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

L L	
STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP	ON

	OMB APPROVAL									
	OMB Number:	3235-0287								
Estimated average burden										
l	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).

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*  HUGHES GREGORY F					2. Issuer Name and Ticker or Trading Symbol SL GREEN REALTY CORP [ SLG ]									heck al ا ر	l applicable) Director	10%		
(Last) (First) (Middle) C/O SL GREEN REALTY CORP.					3. Date of Earliest Transaction (Month/Day/Year) 09/30/2010										pelow)	below		
(Street)  NEW YORK NY 10170  (City) (State) (Zip)						4. If Amendment, Date of Original Filed (Month/Day/Year)								6. Individual or Joint/Group Filing (Check Applicable Line)     X Form filed by One Reporting Person     Form filed by More than One Reporting Person				
	Tabl	le I - No	n-Deriv	ative	Sec	curitie	s Acc	quired,	Dis	posed o	f, or	Ben	eficia	ally O	wned			
Date					Execution Date if any		Date,	Transaction Disposed Of (D) (Instr. 3, 4)					nd Se B O	ecurities eneficially wned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership		
									v	Amount	(	(A) or (D)	Price	Ti	ansaction(s)		(Instr. 4)	
Common Stock 09/30/2						2010		F		4,592	1)	D	\$63	.33	30,731.46	D		
Common Stock 09/30/2						2010		A		7,693		A	\$63.33		38,532.59 <sup>(2)</sup>	D		
	Та													y Owr	ied			
	on Date Ex se (Month/Day/Year) if	Execution if any	Execution Date, f any		Transaction Code (Instr.		of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		Expiration Date (Month/Day/Year)			ount of urities erlying vative urity (In 4)	ount	Derivat Securit	derivative Securities Beneficially Owned Following Reported	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
	(F GREEN RE INGTON A ORK N (S Security (Ins Stock Stock	(First) (First	(First) (Middle)  GREEN REALTY CORP.  INGTON AVENUE  ORK NY 10170  (State) (Zip)  Table I - Note to the content of the content	(First) (Middle)  GREEN REALTY CORP.  INGTON AVENUE  ORK NY 10170  (State) (Zip)  Table I - Non-Derive (Month/It)  Security (Instr. 3)  2. Transpare (Month/It)  Stock 09/30  Table II - Derivate (e.g., properties of Date (Month/It)  Conversion or Exercise Price of Derivative (Month/Iday/Year)	ES GREGORY F  (First) (Middle)  GREEN REALTY CORP.  INGTON AVENUE  Table I - Non-Derivative  Security (Instr. 3)  Table II - Derivative Security (Instr. 3)  Table II - Derivative Security (Instr. 3)  2. Transaction Date (Month/Day/Year)  Table II - Derivative Security (Instr. 3)  2. Table II - Derivative Security (Instr. 3)  Table II - Derivative Security (Instr. 3)  A. Deemed Execution Date, if any (Month/Day/Year) Instruction (Month/Day/Year)  [2. Conversion or Exercise Price of Derivative (Month/Day/Year) Instruction (Month/Day/Y	(First) (Middle)  GREEN REALTY CORP.  INGTON AVENUE  Table I - Non-Derivative Security (Instr. 3)  Stock  Stock  O9/30/2010  Table II - Derivative Security (e.g., puts, calls.  Conversion or Exercise Price of Derivative Security  (Month/Day/Year)  3. Date of O9/30/2010  2. Transaction Date (e.g., puts, calls.  (Month/Day/Year)  3. Transaction Date (if any (Month/Day/Year))  (Month/Day/Year)  (Month/Day/Year)  SL GF  3. Date of O9/30/2010  4. If American Date (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  SL GF  3. Date of O9/30/2010  4. If American Date (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)	SL GREEN  (First) (Middle)  GREEN REALTY CORP.  INGTON AVENUE  Table I - Non-Derivative Securities (Month/Day/Year)  Stock  10170  Stock  10170  Table II - Derivative Securities (e.g., puts, calls, warr  Conversion or Exercise Price of Derivative Security  Conversion of Exercise (Month/Day/Year)  Table II - Derivative Securities (e.g., puts, calls, warr  Security  A. Transaction Date (Month/Day/Year)  Table II - Derivative Securities (e.g., puts, calls, warr  Security  A. Transaction Code (Instr. 8)  SL GREEN  3. Date of Earlies 09/30/2010  4. If Amendment, 22. Deem Execution Date (Month/Day/Year)  Face Unit of Derivative Securities (e.g., puts, calls, warr  Security  Security  A. Transaction Code (Instr. 8)  Security  Security  A. Transaction Date (Month/Day/Year)  Of Derivative Security  Security  Security  Security  A. Transaction Code (Instr. 8)  Security  Sec	SES GREGORY F  (First) (Middle) GREEN REALTY CORP.  INGTON AVENUE  Table I - Non-Derivative Securities Accurity (Instr. 3)  Stock  Ogy30/2010  Table II - Derivative Securities Acquired (e.g., puts, calls, warrants, calls, warrants, (Month/Day/Year)  Table III - Derivative Securities Acquired (e.g., puts, calls, warrants, calls, warrants, (Month/Day/Year)  Stock  Ogy30/2010  Table III - Derivative Securities Acquired (e.g., puts, calls, warrants, calls, calls, warrants, calls,	SI GREEN REALTY   SI GREEN REALTY	SL GREEN REALTY COD  (First) (Middle)  GREEN REALTY CORP.  INGTON AVENUE  Table I - Non-Derivative Securities Acquired, Disecurity (Instr. 3)  2. 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Code (Instr. 3)  Table II - Derivative Securities Acquired, Disposed of (e.g., puts, calls, warrants, options, convertic of (Price of Date (Month/Day/Year))  Table II - Derivative Securities Acquired, Disposed of (e.g., puts, calls, warrants, options, convertic of (Price of Date (Month/Day/Year))  Table II - Derivative Securities Acquired, Disposed of, (e.g., puts, calls, warrants, options, convertic of (A) or Disposed of (Disposed of (Instr. 3))  Table II - Derivative Securities Acquired, Disposed of, (e.g., puts, calls, warrants, options, convertic securities Acquired, Disposed of, (e.g., puts, calls, warrants, options, convertic securities Acquired, Disposed of, (e.g., puts, calls, warrants, options, convertic securities Acquired, Disposed of, (Instr. 3, 4) and 5)	SL GREEN REALTY CORP [ SLG ]  (First) (Middle)  GREEN REALTY CORP.  INGTON AVENUE  Table I - Non-Derivative Securities Acquired, Disposed of, Of Security (Instr. 3)  Table I - Non-Derivative Securities Acquired, Disposed of (Date (Month/Day/Year) (Month/Day/Year)  (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of (Date (Month/Day/Year) (Month/Day/Year)  (Month/Day/Year) (Month/Day/Year)  Stock 09/30/2010 F 4,592(1)  Table II - Derivative Securities Acquired, Disposed of, or Exercise of Execution Date, if or Exercise of Conversion Date (Month/Day/Year) (Month/Day/Year)  2. Transaction Date (e.g., puts, calls, warrants, options, convertible security (Month/Day/Year)  3. Date of Earliest Transaction (Month/Day/Year) Scurities Acquired, Disposed of (Disposed of (Dispos	SES GREGORY F  (First) (Middle) GREEN REALTY CORP.  INGTON AVENUE  Table I - Non-Derivative Securities Acquired, Disposed of, or Benefice (e.g., puts, calls, warrants, options, convertible Security (Month/Day/Year)  Stock  O9/30/2010  Stock  O9/30/2010  Table II - Derivative Securities Acquired, Disposed of, or Benefice of Descriptive of Code (Instr. (Month/Day/Year))  Stock  O9/30/2010  Table II - Derivative Securities Acquired, Disposed of (D) (Instr. (A) or (D) or Exercise Price of Derivative Securities Acquired, Disposed of, or Benefice of Derivative Securities Acquired (A) or Derivative Securities Acquired (Month/Day/Year)  Amount (A) or Option Date (Instr. 3) A Deemed Execution Date (Borrative Securities Acquired (Month/Day/Year) Securities (Month/Day/Year)  Derivative Securities Acquired (Month/Day/Year)  Amount (Instr. 3) A Deemed Execution Date	SL GREEN REALTY CORP [ SLG ]  (First) (Middle) GREEN REALTY CORP. INGTON AVENUE  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficial frany (Month/Day/Year)  Security (Instr. 3)  2. Transaction Date (Month/Day/Year)  (Month/Day/Year)  Stock  09/30/2010  Table II - Derivative Securities Acquired, Disposed Of (D) (Instr. 3, 4 ard 15)  Table II - Non-Derivative Securities Acquired, Disposed Of (D) (Instr. 3, 4 ard 15)  Table II - Non-Derivative Securities Acquired, Disposed Of (D) (Instr. 3, 4 ard 15)  Table II - Derivative Securities Acquired, Disposed Of (D) (Instr. 3, 4 ard 15)  Table II - Derivative Securities Acquired, Disposed Of, or Beneficial (e.g., puts, calls, warrants, options, convertible securities)  2. Transaction Disposed Of (D) (Instr. 3, 4 ard 15)  Table II - Derivative Securities Acquired, Disposed Of, or Beneficially (e.g., puts, calls, warrants, options, convertible securities)  2. Transaction Disposed Of (D) (Instr. 3, 4 ard 15)  Table II - Derivative Securities Acquired, Disposed Of, or Beneficially (e.g., puts, calls, warrants, options, convertible securities)  2. Transaction Disposed Of (D) (Instr. 3, 4 ard 15)  Table II - Derivative Securities Acquired (A) or Price Of Derivative (Month/Day/Year)  Security (Month/Day/Year) (Month/Day/Yea	SES GREGORY F  (First) (Middle) GREEN REALTY CORP. INGTON AVENUE  A. If Amendment, Date of Original Filed (Month/Day/Year)  (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially On Security (Instr. 3)  2. Transaction Date (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  Stock  09/30/2010  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially On Security (Instr. 3)  2. 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Transaction Date (Month/Day/Year)  (Month/Day/Year)  A. Securities Acquired (A) or Disposed of, or Beneficially Owr (e.g., puts, calls, warrants, options, convertible Securities)  A. Security (Instr. 3, 4 and 4)  Amount or Am	Check all applicable   Director   X   Officer (give title below)   Director   X   Officer (give title below)   Director   X   Officer (give title below)   Offi	SE GREGORY F  (First) (Middle) GREEN REALTY CORP.  INGTON AVENUE  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned  Security (Instr. 3)  2. Transaction Date (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  Stock  09/30/2010  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned  Execution Date, (Month/Day/Year)  (Month/Day/Year)  Stock  09/30/2010  F 4.592(1)  A 5. Amount (A) or Disposed of (D) (Instr. 3, 4 and Securities)  Stock  09/30/2010  F 4.592(1)  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned  Tansaction(S)  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned  Tansaction(S)  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned  Tansaction(S)  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned  Tansaction(S)  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned  Tansaction(S)  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned  Tansaction(S)  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned  Tansaction(S)  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned  Tansaction Operative Securities Acquired, Disposed of, or Beneficially Owned  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned  Table II - Derivative Securities Acquired (Month/Day/Year)  Table II - Derivative Securities Acquired (Month/Day/Year)  Table II - Derivative Securities Acquired (Disposed of Conversion)  Table II - Derivative Securities Acquired (Disposed of Conversion)  Table II - Derivative Securities Acquired (Disposed of Conversion)  Table II - Derivative Securities Acquired (Disposed of Conversion)  Tab	

## **Explanation of Responses:**

- 1. Represents shares retained by the Issuer to satisfy withholding obligations in connection with the grant of 11,944 shares of restricted stock to the Reporting Person on 1/12/2010.
- 2. Includes 108.13 shares of Common Stock purchased through the Issuer's Employee Stock Purchase Plan.

10/04/2010 /s/ Gregory F. Hughes

\*\* 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.