

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL	
OMB Number:	3235-0287
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).

1. Name and Address of Reporting Person* <u>Carlyle Group Management L.L.C.</u> (Last) (First) (Middle) C/O THE CARLYLE GROUP, 1001 PENNSYLVANIA AVE. NW, SUITE 220S (Street) WASHINGTON DC 20004 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>CoreSite Realty Corp [COR]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) 11/03/2015	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person <input checked="" type="checkbox"/> 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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	11/03/2015		M		4,000,000	A	(1)	4,000,000	I	See footnotes ⁽²⁾⁽³⁾⁽⁴⁾
Common Stock	11/03/2015		S		4,000,000	D	\$54.56	0	I	See footnotes ⁽²⁾⁽³⁾⁽⁴⁾

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)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Operating Partnership Units	(1)	11/03/2015		M			4,000,000	(1)	(1)	Common Stock	4,000,000	(1)	16,775,390	I	See footnotes ⁽²⁾⁽³⁾⁽⁴⁾

1. Name and Address of Reporting Person*
Carlyle Group Management L.L.C.
 (Last) (First) (Middle)
 C/O THE CARLYLE GROUP,
 1001 PENNSYLVANIA AVE. NW, SUITE 220S
 (Street)
 WASHINGTON DC 20004
 (City) (State) (Zip)

1. Name and Address of Reporting Person*
Carlyle Group L.P.
 (Last) (First) (Middle)
 C/O THE CARLYLE GROUP,
 1001 PENNSYLVANIA AVE. NW, SUITE 220S
 (Street)
 WASHINGTON DC 20004
 (City) (State) (Zip)

1. Name and Address of Reporting Person*
Carlyle Holdings I GP Inc.
 (Last) (First) (Middle)
 C/O THE CARLYLE GROUP,
 1001 PENNSYLVANIA AVE. NW, SUITE 220S
 (Street)
 WASHINGTON DC 20004
 (City) (State) (Zip)

(Street)
WASHINGTON DC 20004

(City) (State) (Zip)

1. Name and Address of Reporting Person*
[Carlyle Holdings I GP Sub L.L.C.](#)

(Last) (First) (Middle)
C/O THE CARLYLE GROUP,
1001 PENNSYLVANIA AVE. NW, SUITE 220S

(Street)
WASHINGTON DC 20004

(City) (State) (Zip)

1. Name and Address of Reporting Person*
[Carlyle Holdings I L.P.](#)

(Last) (First) (Middle)
C/O THE CARLYLE GROUP,
1001 PENNSYLVANIA AVE. NW, SUITE 220S

(Street)
WASHINGTON DC 20004

(City) (State) (Zip)

1. Name and Address of Reporting Person*
[TC Group, LLC](#)

(Last) (First) (Middle)
C/O THE CARLYLE GROUP,
1001 PENNSYLVANIA AVE. NW, SUITE 220S

(Street)
WASHINGTON DC 20004

(City) (State) (Zip)

1. Name and Address of Reporting Person*
[TC Group Sub L.P.](#)

(Last) (First) (Middle)
C/O THE CARLYLE GROUP,
1001 PENNSYLVANIA AVE. NW, SUITE 220S

(Street)
WASHINGTON DC 20004

(City) (State) (Zip)

Explanation of Responses:

- The operating partnership units are redeemable at any time for cash or, at the election of the Issuer, exchangeable for shares of common stock on a one-for-one basis, and have no expiration date.
- Following the transactions reported herein, consists of (i) 4,129,993 common units held by CoreSite CRP III Holdings, LLC; (ii) 836,633 common units held by CoreSite CRP III Holdings (VCOC), LLC; (iii) 2,894,301 common units held by CoreSite CRP IV Holdings, LLC; (iv) 492,892 common units held by CoreSite CRP IV Holdings (VCOC I), LLC; (v) 1,266,850 common units held by CoreSite CRP IV Holdings (VCOC II), LLC; and (vi) 7,154,721 common units held by CoreSite CRP V Holdings, LLC.
- Carlyle Group Management L.L.C. is the general partner of The Carlyle Group L.P., which is a publicly traded entity listed on NASDAQ. The Carlyle Group L.P. is the sole shareholder of Carlyle Holdings I GP Inc., which is the managing member of Carlyle Holdings I GP Sub L.L.C., which is the general partner of Carlyle Holdings I L.P., which is the managing member of TC Group, L.L.C., which is the general partner of TC Group Sub L.P., which is the managing member of each of Carlyle Realty III GP, L.L.C., CRP III AIV GP, L.L.C., Carlyle Realty IV GP, L.L.C., CRP IV AIV GP, L.L.C. and Carlyle Realty V GP, L.L.C.
- Carlyle Realty III GP, L.L.C. is the general partner of Carlyle Realty III, L.P. which is the manager of CoreSite CRP III Holdings, LLC. CRP III AIV GP, L.L.C. is the general partner of CRP III AIV GP, L.P., which is the general partner of CRQP III AIV, L.P., which is the managing member of CoreSite CRP III Holdings (VCOC), LLC. Carlyle Realty IV GP, L.L.C. is the general partner of Carlyle Realty IV, L.P., which is the manager of CoreSite CRP IV Holdings, LLC. CRP IV AIV GP, L.L.C. is the general partner of CRP IV AIV GP, L.P., which is the general partner of each of CRP IV-A AIV, L.P. and CRQP IV AIV, L.P., which are the managing members of CoreSite CRP IV Holdings (VCOC I), LLC and CoreSite CRP IV Holdings (VCOC II), LLC, respectively. Carlyle Realty V GP, L.L.C. is the general partner of Carlyle Realty V, L.P., which is the manager of CoreSite CRP V Holdings, LLC.

Remarks:

Due to the limitations of the electronic filing system Carlyle Realty III GP, L.L.C., Carlyle Realty III, L.P., CoreSite CRP III Holdings, LLC, CRP III AIV GP, L.L.C., CRP III AIV GP, L.P., CRQP III AIV, L.P., CoreSite CRP III Holdings (VCOC), LLC, Carlyle Realty IV GP, L.L.C., Carlyle Realty IV, L.P., CoreSite CRP IV Holdings, LLC, CRP IV AIV GP, L.L.C., CRP IV AIV GP, L.P., CRP IV-A AIV, L.P., CRQP IV AIV, L.P., CoreSite CRP IV Holdings (VCOC I), LLC, CoreSite CRP IV Holdings (VCOC II), LLC, Carlyle Realty V GP, L.L.C., Carlyle Realty V, L.P. and CoreSite CRP V Holdings, LLC are filing a separate Form 4.

/s/ Thomas B. Mayrhofer,
attorney-in-fact for Daniel A. D'Aniello, Chairman 11/05/2015

** 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.