

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549

FORM 8-K

CURRENT REPORT
Pursuant to Section 13 OR 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): August 12, 2010

Gladstone Investment Corporation
(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation)

814-00704
(Commission
File Number)

83-0423116
(IRS Employer
Identification No.)

1521 Westbranch Drive, Suite 200
McLean, Virginia
(Address of principal executive offices)

22102
(Zip Code)

Registrant's telephone number, including area code: **(703) 287-5800**

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On August 12, 2010, Maurice Coulon delivered a letter to the Board of Directors of Gladstone Investment Corporation (the "Company") resigning as a director of the Company and as a member of the Company's Compensation Committee and Ethics, Nominating and Corporate Governance Committee. Mr. Coulon's resignation is effective on September 30, 2010. The Board thanks Mr. Coulon for his years of service and wishes him well in his retirement from the Board.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Gladstone Investment Corporation
(Registrant)

August 16, 2010

By: /s/ David Watson
(David Watson, Chief Financial Officer)