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): October 29, 2010 (October 27, 2010)

Republic Services, Inc.

(Exact name of registrant as specified in charter)

Delaware (State or other jurisdiction of incorporation)

1-14267 (Commission File Number) 65-0716904 (IRS Employer Identification No.)

18500 North Allied Way Phoenix, Arizona (Address of principal executive offices)

85054 (Zip Code)

(480) 627-2700 (Registrant's telephone number, including area code)

Not Applicable

(Former name or former address, if changed since last report)

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:

o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240-13e-4(c))

Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On October 27, 2010, Republic Services, Inc. ("Republic") amended and restated the Republic Services, Inc. Deferred Compensation Plan, effective January 1, 2010 (the "Plan"). The Plan was amended to, among other things, (i) allow amounts earned under Republic's Synergy Incentive Plan (under Republic's Executive Incentive Plan) to be deferred in accordance with the terms of the Plan and (ii) change the minimum amount of base salary, bonus, commissions and amounts earned under long-term incentive plans that a participant may elect to defer under the Plan from \$5,000 in the aggregate to 1% of such compensation.

The above summary of the Plan is not complete and is qualified in its entirety by reference to the terms of the Plan, a copy of which is filed as Exhibit 10.1, and is incorporated by reference herein.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

Exhibit No. Description

10.1 Republic Services, Inc. Deferred Compensation Plan (incorporated by reference to Exhibit 4.4 to the Registrant's Registration Statement on Form S-8 filed on October 27, 2010).

SIGNATURES

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

Date: October 29, 2010

REPUBLIC SERVICES, INC.

By: /s/ Tod C. Holmes

Tod C. Holmes Executive Vice President and Chief Financial Officer (Principal Financial Officer)

By: /s/ Charles F. Serianni

Charles F. Serianni Senior Vice President and Chief Accounting Officer (Principal Accounting Officer)