FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

1. Name and Address of Reporting Person* Serianni Charles F (Last) (First) (Middle) 18500 NORTH ALLIED WAY (Street) PHOENIX AZ 85054 (City) (State) (Zip)	2. Issuer Name **and** Ticker or Trading Symbol REPUBLIC SERVICES, INC. [RSG] 3. Date of Earliest Transaction (Month/Day/Year) 01/16/2018 4. If Amendment, Date of Original Filed (Month/Day/Year)	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director ___ 10% Owner X Officer (give title below) ___ Other (specify below) EVP Chief Financial Officer 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. 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	01/16/2018		A		7	A	$68.09	1,371	D[(1)]	

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	Amount or Number of Shares				
Restricted Stock Units	[(2)]	01/16/2018		A		137		[(3)]	[(3)]	Common Stock	137	$68.09	26,986	D	
Stock Units	[(4)]	01/16/2018		A		35		[(4)]	[(4)]	Common Stock	35	$68.09	7,035	D	

Explanation of Responses:

1. Reflects dividends paid under the Company's Employee Stock Purchase Plan since the last report filed.

2. Based on 1 on 1 conversion.

3. Reflects dividends paid on the Restricted Stock Units awarded per the Republic Services, Inc. Amended and Restated 2007 Stock Incentive Plan.

4. Mr. Serianni holds these stock units under the Republic Services Stock Incentive Fund ("Investment Fund") pursuant to his election under the Company's Deferred Compensation Plan. The Investment Fund is a measurement fund under which units are equal in value to shares of the Company's common stock and are settled in cash and receive dividend equivalents, in the form of additional stock units, each time a dividend is paid on the Company's common stock.

Remarks:

/s/ Eileen B. Schuler Attorney-in-Fact _____ 01/18/2018

** 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.