REPUBLIC SERVICES INC

Form 4

September 15, 2008

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

0.5

January 31, Expires: 2005

OMB APPROVAL

Estimated average burden hours per

response...

if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * CASCADE INVESTMENT LLC			2. Issuer Name and Ticker or Trading Symbol REPUBLIC SERVICES INC [RSG]					5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First)	(Middle)			Transaction			Director	X 10%	6 Owner	
2365 CARILLON POINT			(Month/Day/Year) 09/11/2008				- - 1	Officer (give title Other (specify below)			
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)				-	6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person			
KIRKLAND, WA 98033							_	_X_ Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Tab	le I - Non-	Derivative	Secur	rities Acqu	ired, Disposed of	or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)		Date, if	3. Transacti Code (Instr. 8)	omr Dispos (Instr. 3, 4	ed of		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)	
Common Stock	09/11/2008			P	50,000	A	32.948 (1)	32,745,240	D		

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Titl		8. Price of	9. Nu
Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Transact Code (Instr. 8)	orNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	:		Amou Under Securi (Instr.	lying	Derivative Security (Instr. 5)	Deriv Secur Bene Own Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships					
.,	Director	10% Owner	Officer	Other		
CASCADE INVESTMENT LLC 2365 CARILLON POINT KIRKLAND, WA 98033		X				
GATES WILLIAM H III ONE MICROSOFT WAY REDMOND, WA 98052		X				

Signatures

Cascade Investment, L.L.C. By: /s/ Michael Larson, Business Manager	09/15/2008	
**Signature of Reporting Person	Date	
William H. Gates III By: /s/ Michael Larson*, Attorney-In-Fact	09/15/2008	
**Signature of Reporting Person	Date	

Explanation of Responses:

- * 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).

This transaction was executed in multiple trades at prices ranging from \$32.33 to \$33.08. The price reported above reflects the weighted average purchase price. The reporting persons hereby undertake to provide upon request to the SEC staff, the issuer or a security holder of the issuer full information regarding the number of shares and prices at which the transactions were effected.

Remarks:

* Duly authorized under Special Power of Attorney appointing Michael Larson attorney-in-fact, dated February 3, 2006, by ar Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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