REPUBLIC SERVICES INC

Form 4

August 13, 2008

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB

3235-0287 Number:

OMB APPROVAL

January 31, Expires: 2005

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

SECURITIES 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]				Iss	5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First)	(Middle)			RVICES IN Transaction	IC [K	.5G]	(Check al	l applicable)		
` ′	RILLON POINT	(/Day/Year)			 hel	Director Officer (give title ow)	X 10% (
	(Street)			nendment, l	Date Original ear)		6.	Individual or Joint/ plicable Line) _ Form filed by One I	Group Filing		
KIRKLAN	ND, WA 98033							Form filed by More			
(City)	(State)	(Zip)	Tal	ble I - Non	-Derivative S	ecuriti	ies Acquire	ed, Disposed of, or	Beneficially	Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deeme Execution I any (Month/Day	Date, if	3. Transactic Code (Instr. 8)	4. Securities on Disposed of (Instr. 3, 4 an	(D)	red (A) or	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	08/11/2008			P	1,350,000	A	\$ 34.8905	30,714,249	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.

(1)

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

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

Reporting Owners

Reporting Owner Name / Address	Relationships					
Fg	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	08/13/2008
**Signature of Reporting Person	Date
William H. Gates III By: /s/ Michael Larson*, Attorney-In-Fact	08/13/2008
**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 \$34.57 to \$35.18. 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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