### REPUBLIC SERVICES INC

Form 4

September 17, 2008

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB

Expires:

\_X\_ Form filed by More than One Reporting

Person

3235-0287 Number:

**OMB APPROVAL** 

January 31, 2005

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obligations may continue. See Instruction

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 \* 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading CASCADE INVESTMENT LLC Issuer Symbol REPUBLIC SERVICES INC [RSG] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director X\_\_ 10% Owner \_ Other (specify Officer (give title 2365 CARILLON POINT 09/15/2008 below) (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) Form filed by One Reporting Person

## KIRKLAND, WA 98033

(State)

(Zin)

(City)

(City)	(State)	(Zip) Tab	le I - Non-	Derivative S	Securi	ties Acquir	ed, 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)	Code (Instr. 8)	4. Securitie ord Disposed (Instr. 3, 4	d of (E and 5)  (A) or	<b>)</b> )	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	09/15/2008		Code V P	Amount 234,496 (1)	(D)	Price \$ 33.206	· ·	D	
Common Stock	09/15/2008		P	100	A	\$ 33.7	33,129,836	D	
Common Stock	09/15/2008		P	100	A	\$ 33.86	33,129,936	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.

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

1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transacti	5. orNumber	6. Date Exerc		7. Title		8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	(Month/Day/Tear)	any (Month/Day/Year)	Code (Instr. 8)	onNumber Expiration Date of (Month/Day/Year) Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			Underly Securiti (Instr. 3	ying ies	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title N	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	09/17/2008
**Signature of Reporting Person	Date
William H. Gates III By: /s/ Michael Larson*, Attorney-In-Fact	09/17/2008
**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 \$32.585 to \$33.55. The price reported above reflects the **(1)** 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:**

Reporting Owners 2

<sup>\*</sup> 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.