

Hickey Michael A
 Form 4
 February 22, 2013

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF 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

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Hickey Michael A

(Last) (First) (Middle)

370 WABASHA STREET NORTH

(Street)

SAINT PAUL, MN 55102

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 ECOLAB INC [ECL]

3. Date of Earliest Transaction (Month/Day/Year)
 02/20/2013

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)
 Ex.VP & Pres. Institutional

6. Individual or Joint/Group Filing(Check Applicable Line)
 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 Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock	02/20/2013		A	3,800	\$ 0	D	
Common Stock	02/20/2013		F(1)	1,292	\$ 75.335	D	
Common Stock					3,733.141 (3)	I	By Ecolab Savings Plan

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

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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)

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 Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned (Instr. 6)
				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
Hickey Michael A 370 WABASHA STREET NORTH SAINT PAUL, MN 55102			Ex.VP & Pres.	Institutional

Signatures

/s/ David F. Duvick, as Attorney-in-fact for Michael A. Hickey
 **Signature of Reporting Person
 Date 02/22/2013

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).
- (1) Reflects the reporting person's payment of minimum statutory tax obligations by withholding shares of Ecolab Common Stock incident to the vesting of performance-based restricted stock units in accordance with Rule 16b-3.
- (2) Includes 11.879 shares acquired by reporting person on January 3, 2013 by dividend reinvestment under the Dividend Reinvestment Plan for shareholders of Ecolab sponsored by Computershare Trust Company, N.A.
 Number of UNITS in the Ecolab Stock Fund of the Ecolab Savings Plan (401(k) Plan) as of January 31, 2013. Includes 13.421 UNITS
- (3) acquired since the reporting person's last report. (The 3,733.141 UNITS are the equivalent of approximately 6,933 shares of the issuer's Common Stock.)

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.