Meyer Michael L Form 4 December 03, 2010

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

Check this box if no longer subject to

Section 16.

Form 4 or Form 5 obligations may continue.

See Instruction

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(b).

STREET N

1. Name and Address of Reporting Person * Meyer Michael L

ECOLAB INC., 370 WABASHA

2. Issuer Name and Ticker or Trading Symbol

Issuer

ECOLAB INC [ECL]

(First) (Middle) (Last)

(Street)

3. Date of Earliest Transaction

(Month/Day/Year)

Director 10% Owner X_ Officer (give title Other (specify

Form filed by More than One Reporting

(Check all applicable)

5. Relationship of Reporting Person(s) to

12/01/2010

below) Senior VP - Human Resources

4. If Amendment, Date Original

3.

6. Individual or Joint/Group Filing(Check Applicable Line)

Filed(Month/Day/Year) _X_ Form filed by One Reporting Person

Person

4. Securities

SAINT PAUL, MN 55102

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially (D) or Indirect (I) Owned Following (Instr. 4) Reported

6. Ownership 7. Nature of Form: Direct Indirect Beneficial Ownership (Instr. 4)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

(A) or

Code V Amount (D) Price

Transaction(s) (Instr. 3 and 4)

Common 4,234 D Stock

By Ecolab Common I Savings $71.982^{(1)}$ Stock Plan

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

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(9-02)

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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 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. Transactio Code (Instr. 8)	5. Number of or 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 A Underlying S (Instr. 3 and	Securition
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Employee Stock Option (Right to Buy)	\$ 48.055	12/01/2010		A	15,400	12/01/2011 <u>(2)</u>	12/01/2020	Common Stock	15,4

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Meyer Michael L ECOLAB INC. 370 WABASHA STREET N SAINT PAUL, MN 55102

Senior VP - Human Resources

Signatures

/s/David F. Duvick, as Attorney-in-Fact for Michael L.
Meyer 12/03/2010

**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).
- (1) Number of UNITS in the Ecolab Stock Fund of the Ecolab Savings Plan (401(k) Plan) as of October 31, 2010. (The 71.982 UNITS are the equivalent of approximately 134 shares of the issuer's Common Stock.)
- The option will be exercisable, on a cumulative basis, as to one-third of the option shares (excluding any fractional portion less than one share), on each of the first and second anniversaries of the date of grant and as to the remaining shares on the third anniversary of the date of grant

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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