Fyrwald J Erik Form 4 March 01, 2012

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16. Form 4 or

January 31, Expires: 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per 0.5 response...

Form 5 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 * Fyrwald J Erik			2. Issuer Name and Ticker or Trading Symbol ECOLAB INC [ECL]	5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
ECOLAB INC., 370 WABASHA STREET N.		BASHA	(Month/Day/Year) 02/28/2012	Director 10% Owner Selection Other (specify below) President			
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
ST. PAUL, MN 55102							

(City)	(State)	(Zip) Tab	ole I - Non-	Derivative	Secu	rities Acq	uired, Disposed	of, or Benefic	ially Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securition(A) or Di (Instr. 3,	sposed	of (D)	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	02/28/2012		M	54,852	A	<u>(1)</u>	140,039	D	
Common Stock	02/28/2012		F	22,737	D	\$ 61.75	129,824 (2)	D	
Common Stock							46,109	I	Erik Fyrwald GRAT
Common Stock							3,293	I	JAK Limited Partnership

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

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SEC 1474 (9-02)

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)	Securities Acquired (A) or Disposed of (D)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	and 5	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Stock Units	(1)	02/28/2012		M		54,852	02/28/2012	02/28/2012	Common Stock	54,852

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Fyrwald J Erik ECOLAB INC.

370 WABASHA STREET N.

ST. PAUL, MN 55102

Signatures

David F. Duvick, as Attorney-in-Fact for J. Erik Frywald 03/01/2012

**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) Each restricted stock unit was the economic equivalent of one share of Ecolab common stock and was settled for an equivalent number of shares of Ecolab common stock.

President

The direct ownership total includes 12,522 shares of Ecolab common stock that were previously reported as being indirectly owned by the (2) reporting person in the form of the J. Erik Fyrwald Trust. The characteristics of the trust allow aggregate reporting of the trust shares with other shares directly owned by the reporting person.

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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