Vautrinot Suzanne M Form 4 January 03, 2018

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

0.5

Estimated average burden hours per response...

Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

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

may continue. See Instruction

30(h) of the Investment Company Act of 1940

(Zin)

1(b).

(City)

(State)

(Print or Type Responses)

1. Name and Address of Reporting Person * Vautrinot Suzanne M		2. Issuer Name and Ticker or Trading Symbol ECOLAB INC. [ECL]	5. Relationship of Reporting Person(s) to Issuer		
(Last) (Firs	t) (Middle)	3. Date of Earliest Transaction	(Check all applicable)		
		(Month/Day/Year)	X Director 10% Owner		
C/O ECOLAB INC., 1 ECOLAB PLACE		12/31/2017	Officer (give title Other (specify below)		
(Stree	et)	4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
		Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person		
SAINT PAUL, MN	55102		Form filed by More than One Reportin Person		

(City)	(State) (2	Table	e I - Non-Do	erivative S	ecuri	ties Ac	quired, Disposed	of, or Beneficia	lly Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securi	ties		5. Amount of	6. Ownership	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	onAcquired	(A) o	r	Securities	Form: Direct	Indirect
(Instr. 3)		any	Code	Disposed	of (D)	Beneficially	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8)	(Instr. 3,	4 and	5)	Owned	Indirect (I)	Ownership
							Following	(Instr. 4)	(Instr. 4)
					(4)		Reported		
					(A)		Transaction(s)		
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	12/31/2017		A	185.4	A	\$0	3,116.17 <u>(1)</u>	D	

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

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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. Transacti Code (Instr. 8)			ate	7. Title Amoun Under	int of lying ities	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene
	Derivative Security				Securities Acquired			(Instr.	3 and 4)		Owne Follo
					(A) or Disposed						Repo Trans
					of (D) (Instr. 3, 4, and 5)						(Instr
					4, and 3)				Amount		
						Date Exercisable	Expiration Date	Title	or Number of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
r g	Director	10% Owner	Officer	Other			
Vautrinot Suzanne M							
C/O ECOLAB INC.	X						
1 ECOLAB PLACE	Λ						
SAINT PAUL, MN 55102							

Signatures

/s/ David F. Duvick, as Attorney-in-Fact for Suzanne M. Vautrinot

01/03/2018

**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) Includes 7.51 shares acquired pursuant to a dividend reinvestment feature of the Ecolab Inc. 2001 Non-Employee Director Stock Option and Deferred Compensation Plan.

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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