Simermeyer Elizabeth A Form 3 May 14, 2018 FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 OMB APPROVAL OMB Number: 3235-0104

INITIAL STATEMENT OF 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 Person <u>*</u> Simermeyer E	•	U	2. Date of Event Requi Statement (Month/Day/Year)		3. Issuer Name and Ticker or Trading Symbol ECOLAB INC. [ECL]				
(Last) (Fin	rst)	(Middle)	05/03/2018	4. Relationsh Person(s) to 1	ip of Reporting Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)			
1 ECOLAB PLA (Str SAINT PAUL,Â	eet)	55102		Director X_ Officer (give title belo	w) (specify bel	6. Individual or Joint/Group Filing(Check Applicable Line) _X_Form filed by One Reporting Person Form filed by More than One			
				EVP - Globa	EVP - Global MarCom & Life Sci		Reporting Person		
(City) (Sta	nte)	(Zip)	Table	I - Non-Deriva	tive Securit	ies Be	neficially Owned		
1.Title of Security (Instr. 4)				unt of Securities ially Owned)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nat Owne (Instr	-		
Common Stock			3,935		D	Â			
Reminder: Report on owned directly or ind	Person informa require	s who resp ation conta d to respo	ch class of securities be oond to the collectio ined in this form are nd unless the form c /B control number.	n of e not	SEC 1473 (7-02	2)			
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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	Securities	3. Title and Amount of Securities Underlying Derivative Security		5. Ownership Form of	6. Nature of Indirect Beneficial Ownership
		(Instr. 4)	(Instr. 4)		Derivative	(Instr. 5)
	Dete Engenieghle Engine	:	A	Derivative	Security:	
	Date Exercisable Expirat	tion Title	Amount or Number of	Security	Direct (D)	
	Date		inumber of		or Indirect	

January 31,

2005

0.5

Expires:

response...

Estimated average burden hours per

				Shares		(I) (Instr. 5)	
Employee Stock Option (Right to Buy)	12/03/2015 <u>(1)</u>	12/03/2024	Common Stock	4,735	\$ 107.685	D	Â
Employee Stock Option (Right to Buy)	12/02/2017 <u>(2)</u>	12/02/2025	Common Stock	7,691	\$ 119.12	D	Â
Employee Stock Option (Right to Buy)	12/07/2017(1)	12/07/2026	Common Stock	11,917	\$ 117.73	D	Â
Employee Stock Option (Right to Buy)	12/06/2018 <u>(1)</u>	12/06/2027	Common Stock	10,364	\$ 137.087	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships					
I O	Director	10% Owner	Officer	Other		
Simermeyer Elizabeth A 1 ECOLAB PLACE SAINT PAUL, MN 55102	Â	Â	EVP - Global MarCom & Life Sci	Â		
Signatures						

/s/ David F. Duvick, as Attorney-in-Fact for Elizabeth A. Simermeyer	05/14/2018	
**Signature of Reporting Person	Date	
Signature of Keborting Person	Date	

Explanation of Responses:

- If the form is filed by more than one reporting person, see Instruction 5(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).

Option granted under the Ecolab Inc. 2010 Stock Incentive Plan. The option became or becomes 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

(1) date of grant and as to the remaining option shares on the third anniversary of the date of grant. The date listed is the first anniversary of the date of grant.

Shares remaining from option granted under the Ecolab Inc. 2010 Stock Incentive Plan. One-half of the option shares (excluding any (2) fractional portion less than one share) became exercisable on the second anniversary of the date of grant and the remaining option shares become exercisable on the third anniversary of the date of grant. The date listed is the second 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.