

Simermeyer Elizabeth A
 Form 3
 May 14, 2018

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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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 of Reporting Person *		2. Date of Event Requiring Statement	3. Issuer Name and Ticker or Trading Symbol	
Â Simermeyer Elizabeth A		(Month/Day/Year)	ECOLAB INC. [ECL]	
(Last)	(First)	(Middle)	05/03/2018	
1 ECOLAB PLACE				4. Relationship of Reporting Person(s) to Issuer
(Street)				5. If Amendment, Date Original Filed(Month/Day/Year)
SAINT PAUL,Â MNÂ 55102				(Check all applicable)
(City)	(State)	(Zip)	<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other (give title below) (specify below) EVP - Global MarCom & Life Sci	
				6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	3,935	D	Â

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

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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)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable Expiration Date	Title Amount or Number of			

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				Shares		(I) (Instr. 5)	
Employee Stock Option (Right to Buy)	12/03/2015 ⁽¹⁾	12/03/2024	Common Stock	4,735	\$ 107.685	D	Â
Employee Stock Option (Right to Buy)	12/02/2017 ⁽²⁾	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 ⁽¹⁾	12/06/2027	Common Stock	10,364	\$ 137.087	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Simermeyer Elizabeth A 1 ECOLAB PLACE SAINT PAUL, MN 55102	Â	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

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).

(1) 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 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.

(2) Shares remaining from option granted under the Ecolab Inc. 2010 Stock Incentive Plan. One-half of the option shares (excluding any 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.