Mathers James Form 4 February 27, 2019

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL OMB

3235-0287 Number:

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burden hours per response...

5. Relationship of Reporting Person(s) to

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

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

may continue. See Instruction

obligations

Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

2. Issuer Name and Ticker or Trading

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

Mathers James Issuer Symbol **BIOLIFE SOLUTIONS INC [BLFS]** (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title Other (specify C/O BIOLIFE SOLUTIONS. 02/25/2019 below) INC., 3303 MONTE VILLA Vice President, Global Sales PARKWAY, SUITE 310

> (Street) 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 Form filed by More than One Reporting

BOTHELL, WA 98021

(State)

(Zip)

(City)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1. Title of 2. Transaction Date 2A. Deemed 3. 4. Securities 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Securities Form: Direct Indirect (Instr. 3) Code Disposed of (D) Beneficially (D) or Beneficial (Instr. 3, 4 and 5) Ownership (Month/Day/Year) (Instr. 8) Owned Indirect (I) Following (Instr. 4) (Instr. 4) Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount Price (D)

Common 8.217 02/25/2019 A <u>(1)</u> 17,384 D (1) Stock

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 Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transact Code (Instr. 8)	5. Number ion 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 Amount of Underlying Securities (Instr. 3 and 4)		8. Pr Deri Secu (Inst
				Code V	⁷ (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Award	\$ 0	02/25/2019		A	8,217 (2)	(2)	(2)	Common Stock	8,217	

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
Mathers James C/O BIOLIFE SOLUTIONS, INC. 3303 MONTE VILLA PARKWAY, SUITE 310 BOTHELL, WA 98021			Vice President, Global Sales			

Signatures

/s/ Roderick de Greef as attorney-in-fact

02/27/2019

**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) The restricted stock was granted pursuant to the BioLife Solutions 2013 Performance Incentive Plan and vests 25% on the first anniversary of the grant date and thereafter quarterly, in 12 equal quarterly installments.
 - The restricted stock was granted pursuant to the BioLife Solutions 2013 Performance Incentive Plan. The restricted stock will vest on the date that the registrant files its Annual Report on Form 10-K for the fiscal year ended 2020 and will vest as to between 0% and 200% of
- (2) the reported number of shares in column 5 based on the registrant's total shareholder return during the period beginning on January 1, 2019 through December 31, 2020 as compared to the total shareholder return of 20 of the registrant's peers (such peers have been determined by the registrant's compensation committee with assistance of an outside consultant immediately prior to the grant date).

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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