Mathers James Form 4 January 03, 2018

FORM 4

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

Check this box if no longer

subject to Section 16. Form 4 or Form 5

obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN 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 * Mathers James

(First) (Middle) (Last)

C/O BIOLIFE SOLUTIONS. INC., 3303 MONTE VILLA PARKWAY, SUITE 310

(Street)

(State)

BOTHELL, WA 98021

2. Issuer Name and Ticker or Trading

Symbol **BIOLIFE SOLUTIONS INC [BLFS]**

3. Date of Earliest Transaction

(Month/Day/Year) 01/01/2018

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)

Director

X_ Officer (give title

X Form filed by One Reporting Person Form filed by More than One Reporting

5. Relationship of Reporting Person(s) to

(Check all applicable)

Vice President, Global Sales

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)

(City)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

(Month/Day/Year)

(Zip)

Code (Instr. 8)

3.

TransactionAcquired (A) or Disposed of (D) (Instr. 3, 4 and 5)

4. Securities

5. Amount of Securities Beneficially Owned Following

Reported

Issuer

below)

Form: Direct (D) or Indirect (I) (Instr. 4)

D

6. Ownership 7. Nature of Indirect Beneficial Ownership (Instr. 4)

10% Owner

Other (specify

OMB APPROVAL

3235-0287

January 31,

2005

0.5

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Number:

Expires:

response...

Estimated average

burden hours per

(A) Transaction(s) or (Instr. 3 and 4) Price

Code V Amount (D)

Common 01/01/2018 Stock

9.167 A <u>(1)</u> (1)

9,167

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. Transacti Code (Instr. 8)	ionNumber Expiration of (Month/D			7. Titl Amou Under Securi (Instr.	nt of lying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
					4, and 5)	Date	Expiration		Amount		
				Code V	(A) (D)	Exercisable	Date	Title	Number of Shares		

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

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) 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.

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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