

Mathew Aby J.  
Form 3  
August 20, 2012

**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 \*

^ Mathew Aby J.

(Last) (First) (Middle)

3303 MONTE VILLA  
PARKWAY,^ #310

(Street)

BOTHELL,^ WA^ 98021

(City) (State) (Zip)

2. Date of Event Requiring  
Statement

(Month/Day/Year)

08/10/2012

3. Issuer Name **and** Ticker or Trading Symbol  
BIOLIFE SOLUTIONS INC [BLFS]

4. Relationship of Reporting  
Person(s) to Issuer

5. If Amendment, Date Original  
Filed(Month/Day/Year)

(Check all applicable)

\_\_\_ Director \_\_\_ 10% Owner  
\_X\_ Officer \_\_\_ Other  
(give title below) (specify below)  
Senior VP

6. Individual or Joint/Group  
Filing(Check Applicable Line)  
\_X\_ Form filed by One Reporting  
Person  
\_\_\_ 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

471,036

D ^

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

SEC 1473 (7-02)

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information contained in this form are not  
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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)

Title

4. Conversion  
or Exercise  
Price of  
Derivative  
Security

5. Ownership  
Form of  
Derivative  
Security:  
Direct (D)

6. Nature of Indirect  
Beneficial Ownership  
(Instr. 5)

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|                             | Date<br>Exercisable | Expiration<br>Date |              | Amount or<br>Number of<br>Shares |         | or Indirect<br>(I)<br>(Instr. 5) |   |
|-----------------------------|---------------------|--------------------|--------------|----------------------------------|---------|----------------------------------|---|
| Stock Option (right to buy) | Â <u>(1)</u>        | 09/28/2015         | Common Stock | 60,000                           | \$ 0.08 | D                                | Â |
| Stock Option (right to buy) | Â <u>(2)</u>        | 10/12/2016         | Common Stock | 100,000                          | \$ 0.07 | D                                | Â |
| Stock Option (right to buy) | Â <u>(3)</u>        | 02/07/2017         | Common Stock | 500,000                          | \$ 0.08 | D                                | Â |
| Stock Option (right to buy) | Â <u>(4)</u>        | 08/07/2017         | Common Stock | 340,000                          | \$ 0.1  | D                                | Â |
| Stock Option (right to buy) | Â <u>(5)</u>        | 02/11/2018         | Common Stock | 100,000                          | \$ 0.05 | D                                | Â |
| Stock Option (right to buy) | Â <u>(6)</u>        | 11/05/2018         | Common Stock | 100,000                          | \$ 0.04 | D                                | Â |
| Stock Option (right to buy) | Â <u>(7)</u>        | 02/05/2020         | Common Stock | 531,532                          | \$ 0.1  | D                                | Â |
| Stock Option (right to buy) | Â <u>(8)</u>        | 02/11/2021         | Common Stock | 776,316                          | \$ 0.08 | D                                | Â |
| Stock Option (right to buy) | Â <u>(9)</u>        | 02/15/2022         | Common Stock | 250,000                          | \$ 0.1  | D                                | Â |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |             |       |
|--|---------------|-----------|-------------|-------|
|  | Director      | 10% Owner | Officer     | Other |
| Mathew Aby J.<br>3303 MONTE VILLA PARKWAY<br>#310<br>BOTHELL, WA 98021 | Â             | Â         | Â Senior VP | Â     |

## Signatures

/s/ Aby J  
Mathew

08/17/2012

\*\*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) Exercisable in four equal annual installments commencing on 9/28/2006
- (2) Exercisable in four equal annual installments commencing on 10/12/2007
- (3) Exercisable in four equal annual installments commencing on 02/07/2008
- (4) Exercisable in four equal annual installments commencing on 08/07/2008

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- (5) Exercisable in four equal annual installments commencing on 02/11/2009
- (6) Exercisable in four equal annual installments commencing on 11/05/2009
- (7) Exercisable in four equal annual installments commencing on 02/05/2011
- (8) Exercisable in four equal annual installments commencing on 02/11/2012
- (9) Exercisable to the extent of 62,500 on 2/15/2013, and remaining balance exercisable to the extent of 1/36th thereof on the 15th day of each month commencing on 3/15/2013.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure.

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