Mathew Aby J. Form 3 August 20, 2012

#### FORM 3

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

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

OMB APPROVAL

OMB Number:

3235-0104

Expires:

January 31, 2005

0.5

Estimated average burden hours per response...

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 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person \* Statement BIOLIFE SOLUTIONS INC [BLFS] Mathew Aby J. (Month/Day/Year) 08/10/2012 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) 3303 MONTE VILLA (Check all applicable) PARKWAY, #310 (Street) 6. Individual or Joint/Group 10% Owner Director \_X\_\_ Officer Other Filing(Check Applicable Line) (give title below) (specify below) \_X\_ Form filed by One Reporting Senior VP Person BOTHELL, WAÂ 98021 Form filed by More than One Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Beneficially Owned 1. Title of Security 2. Amount of Securities 4. Nature of Indirect Beneficial Beneficially Owned Ownership Ownership (Instr. 4) (Instr. 4) Form: (Instr. 5) Direct (D) or Indirect (I) (Instr. 5) Â Common Stock D 471,036 Reminder: Report on a separate line for each class of securities beneficially SEC 1473 (7-02) owned directly or indirectly. Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

currently valid OMB control number.

1. Title of Derivative Security 2. Date Exercisable and 3. Title and Amount of 5. 6. Nature of Indirect (Instr. 4) **Expiration Date** Securities Underlying Conversion Ownership Beneficial Ownership (Month/Day/Year) **Derivative Security** or Exercise Form of (Instr. 5) (Instr. 4) Price of Derivative Derivative Security: Title Direct (D) Security

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

## **Reporting Owners**

Reporting Owner Name / Address	Relationships				
1	Director	10% Owner	Officer	Other	
Mathew Aby J.					
3303 MONTE VILLA PARKWAY	â	Â	Senior VP	â	
#310	A	А	A Sellior VP	A	
BOTHELL, WA 98021					

### **Signatures**

/s/ Aby J
Mathew

\*\*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

Reporting Owners 2

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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. 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.