Taylor Daphne L Form 4 August 23, 2011

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

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

January 31, Expires: 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

Form 5 obligations may continue. See Instruction

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(b).

(Last)

1. Name and Address of Reporting Person * Taylor Daphne L

(First)

(Street)

(Middle)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

below)

BIOLIFE SOLUTIONS INC [BLFS]

3. Date of Earliest Transaction

4. If Amendment, Date Original

(Check all applicable)

C/O BIOLIFE SOLUTIONS.

(Month/Day/Year) 08/17/2011

Director 10% Owner X_ Officer (give title Other (specify

INC., 3303 MONTE VILLA PARKWAY STE. 310

Chief Financial Officer

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

(City) (State) (Zip)

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

1. Title of 2. Transaction Date 2A. Deemed Security (Instr. 3)

(Month/Day/Year) Execution Date, if (Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of 6. Ownership Securities Form: Direct Beneficially (D) or Indirect Beneficial Owned (Instr. 4) Following

Reported Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

(A)

or

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of Derivative Conversion 3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if

5. Number of TransactionDerivative

6. Date Exercisable and **Expiration Date**

7. Title and Amount of **Underlying Securities**

7. Nature of

Ownership

(Instr. 4)

Indirect

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A) Disposed of (Instr. 3, 4, an 5)	or D)			(Instr. 3 and 4)	
				Code V	(A) (D) Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Option (Right to Buy)	\$ 0.063	08/17/2011		A	500,000	<u>(1)</u>	08/17/2021	Common Stock	500,000	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Taylor Daphne L C/O BIOLIFE SOLUTIONS, INC. 3303 MONTE VILLA PARKWAY STE. 310 BOTHELL, WA 98021

Chief Financial Officer

Signatures

/s/ Daphne Taylor 08/22/2011

**Signature of Date
Reporting Person

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) Exercisable to the extent of 125,000 on 8/17/2012, and remaining balance exercisable to the extent of 1/36th thereof on the 17th day of each month commencing on 9/17/2012.

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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