Hauer Jerome M Form 4 November 19, 2010

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Hauer Jerome M Issuer Symbol Emergent BioSolutions Inc. [EBS] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) _X__ Director 10% Owner _ Other (specify Officer (give title 2273 RESEARCH BLVD, SUITE 11/17/2010 below) 400 4. If Amendment, Date Original (Street) 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

ROCKVILLE, MD 20850

(State)

(Zin)

(City)

(City)	(State)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned								
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securit on(A) or Dia (Instr. 3, 4)	sposed	of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Common Stock	11/17/2010		M	8,156	A	\$ 3.5	8,156	D		
Common Stock	11/17/2010		S	8,156	D	\$ 17.93	0	D		
Common Stock	11/18/2010		M	14,400	A	\$ 8.43	14,400	D		
Common Stock	11/18/2010		S	14,400	D	\$ 18.26	0	D		
Common Stock	11/18/2010		M	9,600	A	\$ 8.76	9,600	D		

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Common Stock	11/18/2010	S	9,600	D	\$ 18.26 0	D
Common Stock	11/18/2010	M	4,800	A	\$ 11.67 4,800	D
Common Stock	11/18/2010	S	4,800	D	\$ 18.26 0	D

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

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SEC 1474 (9-02)

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

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. 5. Number of TransactionDerivative Code Securities (Instr. 8) 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)		
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Director Stock Option (right to buy)	\$ 3.5	11/17/2010		M		8,156	<u>(1)</u>	06/15/2015	Common Stock	8,156
Director Stock Option (right to buy)	\$ 8.43	11/18/2010		M		14,400	<u>(1)</u>	06/13/2017	Common Stock	14,400
Director Stock Option (right to buy)	\$ 11.67	11/18/2010		M		4,800	(3)	05/21/2019	Common Stock	4,800
Director Stock Option (right to buy)	\$ 8.76	11/18/2010		M		9,600	(2)	05/20/2018	Common Stock	9,600

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Hauer Jerome M 2273 RESEARCH BLVD, SUITE 400 X ROCKVILLE, MD 20850

Signatures

/s/Jay G. Reilly, attorney-in-fact

**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) This option is fully vested.
- (2) The option is vested with respect to 4,800 shares of Common Stock covered thereby and will vest with respect to the remaining 4,800 shares on May 20, 2011
- (3) The option is vested with respect to 4,800 shares of Common Stock covered thereby and will vest with respect to the remianing 9,600 shares in two equal installments on May 19, 2011 and May 19, 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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