

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL	
OMB Number:	3235-0287
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1. Name and Address of Reporting Person* <u>Hauer Jerome M</u>			2. Issuer Name and Ticker or Trading Symbol <u>Emergent BioSolutions Inc. [ EBS ]</u>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <u>11/17/2010</u>			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person		
<u>2273 RESEARCH BLVD, SUITE 400</u>			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street)	<u>ROCKVILLE MD 20850</u>							
(City)	(State)	(Zip)						

**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. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			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)
			Code	V	Amount	(A) or (D)	Price			
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	
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	

**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. Transaction Code (Instr. 8)		5. Number of Derivative Securities 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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Director Stock Option (right to buy)	\$3.5	11/17/2010		M			8,156	(1)	06/15/2015	Common Stock	8,156	\$0	0	D	
Director Stock Option (right to buy)	\$8.43	11/18/2010		M			14,400	(1)	06/13/2017	Common Stock	14,400	\$0	0	D	
Director Stock Option (right to buy)	\$11.67	11/18/2010		M			4,800	(3)	05/21/2019	Common Stock	4,800	\$0	9,600	D	
Director Stock Option (right to buy)	\$8.76	11/18/2010		M			9,600	(2)	05/20/2018	Common Stock	9,600	\$0	4,800	D	

**Explanation of Responses:**

- This option is fully vested.
- 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
- The option is vested with respect to 4,800 shares of Common Stock covered thereby and will vest with respect to the remaining 9,600 shares in two equal installments on May 19, 2011 and May 19, 2012.

**Remarks:**

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

11/19/2010

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

\* 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).

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

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.**