

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	
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1. Name and Address of Reporting Person* <u>Michigan Biologic Products, Inc.</u> (Last) (First) (Middle) 5723 DELTA RIVER DRIVE (Street) LANSING MI 48906 (City) (State) (Zip)	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) Director 10% Owner Officer (give title below) <input checked="" type="checkbox"/> Other (specify below) Member 13(d) group owning >10%
	3. Date of Earliest Transaction (Month/Day/Year) 10/11/2007	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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	10/11/2007		S ⁽¹⁾		100	D	\$9.99	1,653,142	D	
Common Stock	10/11/2007		S ⁽¹⁾		200	D	\$9.995	1,652,942	D	
Common Stock	10/11/2007		S ⁽¹⁾		1,500	D	\$10	1,651,442	D	
Common Stock	10/11/2007		S ⁽¹⁾		100	D	\$10.05	1,651,342	D	
Common Stock	10/11/2007		S ⁽¹⁾		100	D	\$10.12	1,651,242	D	
Common Stock	10/11/2007		S ⁽¹⁾		100	D	\$10.15	1,651,142	D	
Common Stock	10/11/2007		S ⁽¹⁾		100	D	\$10.16	1,651,042	D	
Common Stock	10/11/2007		S ⁽¹⁾		100	D	\$10.17	1,650,942	D	
Common Stock	10/11/2007		S ⁽¹⁾		200	D	\$10.19	1,650,742	D	
Common Stock	10/11/2007		S ⁽¹⁾		100	D	\$10.2	1,650,642	D	
Common Stock	10/11/2007		S ⁽¹⁾		400	D	\$10.21	1,650,242	D	
Common Stock	10/11/2007		S ⁽¹⁾		838	D	\$10.23	1,649,404	D	
Common Stock	10/11/2007		S ⁽¹⁾		300	D	\$10.24	1,649,104	D	
Common Stock	10/11/2007		S ⁽¹⁾		462	D	\$10.25	1,648,642	D	
Common Stock	10/11/2007		S ⁽¹⁾		300	D	\$10.26	1,648,342	D	
Common Stock	10/11/2007		S ⁽¹⁾		100	D	\$10.28	1,648,242	D	
Common Stock	10/11/2007		S ⁽¹⁾		100	D	\$10.29	1,648,142	D	
Common Stock	10/11/2007		S ⁽¹⁾		200	D	\$10.32	1,647,942	D	
Common Stock	10/11/2007		S ⁽¹⁾		100	D	\$10.34	1,647,842	D	
Common Stock	10/11/2007		S ⁽¹⁾		300	D	\$10.35	1,647,542	D	
Common Stock	10/11/2007		S ⁽¹⁾		392	D	\$10.36	1,647,150	D	
Common Stock	10/11/2007		S ⁽¹⁾		500	D	\$10.37	1,646,650	D	
Common Stock	10/11/2007		S ⁽¹⁾		1,200	D	\$10.38	1,645,450	D	
Common Stock	10/11/2007		S ⁽¹⁾		900	D	\$10.39	1,644,550	D	
Common Stock	10/11/2007		S ⁽¹⁾		100	D	\$10.395	1,644,450	D	
Common Stock	10/11/2007		S ⁽¹⁾		500	D	\$10.4	1,643,950	D	
Common Stock	10/11/2007		S ⁽¹⁾		308	D	\$10.42	1,643,642	D	
Common Stock	10/11/2007		S ⁽¹⁾		100	D	\$10.44	1,643,542	D	
Common Stock	10/11/2007		S ⁽¹⁾		100	D	\$10.45	1,643,442	D	
Common Stock	10/11/2007		S ⁽¹⁾		100	D	\$10.46	1,643,342	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					

Explanation of Responses:

1. The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on June 8, 2007.

/s/ Carl A. Valenstein, attorney 10/15/2007
in fact

** Signature of Reporting Person Date

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.

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