Emergent BioSolutions Inc.

Form 4

September 12, 2007

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

2. Issuer Name and Ticker or Trading

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

Estimated average burden hours per

OMB APPROVAL

response...

if no longer subject to Section 16. Form 4 or Form 5 obligations

Check this box

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 may continue. 30(h) of the Investment Company Act of 1940

See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Michigan Biologic Products, Inc.

Symbol Emergent BioSolutions Inc. [EBS]

(Middle)

(Zip)

5. Relationship of Reporting Person(s) to Issuer

(Last) (First) 3. Date of Earliest Transaction

(Check all applicable)

5723 DELTA RIVER DRIVE

(Month/Day/Year)

09/10/2007

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

below)

below) Member 13(d) group owning >10%

(Street)

(State)

4. If Amendment, Date Original Filed(Month/Day/Year)

Applicable Line)

X Form filed by One Reporting Person

Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

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

LANSING, MI 48906

(City)

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1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	any C		4. Securities Acquired on(A) or Disposed of (D)			5. Amount of Securities Beneficially	6. Ownership Form: Direct (D) or	7. Nature of Indirect Beneficial
		(Month/Day/Year)	(Instr. 8)	(Instr. 3,		5)	Owned Following Reported	Indirect (I) (Instr. 4)	Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	09/10/2007		S <u>(1)</u>	1,600	D	\$ 8.35	1,884,835	D	
Common Stock	09/10/2007		S <u>(1)</u>	700	D	\$ 8.28	1,884,135	D	
Common Stock	09/10/2007		S <u>(1)</u>	600	D	\$ 8.25	1,883,535	D	
Common Stock	09/10/2007		S(1)	495	D	\$ 8.27	1,883,040	D	
Common Stock	09/10/2007		S <u>(1)</u>	105	D	\$ 8.24	1,882,935	D	

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Common Stock	09/10/2007	S <u>(1)</u>	600	D	\$ 8.21	1,882,335	D
Common Stock	09/10/2007	S <u>(1)</u>	600	D	\$ 8.2	1,881,735	D
Common Stock	09/10/2007	S <u>(1)</u>	200	D	\$ 8.23	1,881,535	D
Common Stock	09/10/2007	S <u>(1)</u>	3,700	D	\$ 8.29	1,877,835	D
Common Stock	09/10/2007	S <u>(1)</u>	100	D	\$ 8.26	1,877,735	D
Common Stock	09/10/2007	S <u>(1)</u>	2,400	D	\$ 8.3	1,875,335	D
Common Stock	09/10/2007	S <u>(1)</u>	1,000	D	\$ 8.78	1,874,335	D
Common Stock	09/10/2007	S <u>(1)</u>	900	D	\$ 8.53	1,873,435	D
Common Stock	09/10/2007	S <u>(1)</u>	400	D	\$ 8.52	1,873,035	D
Common Stock	09/10/2007	S <u>(1)</u>	2,400	D	\$ 8.49	1,870,635	D
Common Stock	09/10/2007	S <u>(1)</u>	500	D	\$ 8.5	1,870,135	D
Common Stock	09/10/2007	S <u>(1)</u>	1,823	D	\$ 8.47	1,868,312	D
Common Stock	09/10/2007	S <u>(1)</u>	1,500	D	\$ 8.46	1,866,812	D
Common Stock	09/10/2007	S <u>(1)</u>	600	D	\$ 8.54	1,866,212	D
Common Stock	09/10/2007	S <u>(1)</u>	900	D	\$ 8.51	1,865,312	D
Common Stock	09/10/2007	S <u>(1)</u>	777	D	\$ 8.48	1,864,535	D
Common Stock	09/10/2007	S <u>(1)</u>	521	D	\$ 8.45	1,864,014	D

Reminder: Report on a separate line for each class of securities beneficially 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 currently valid OMB control number.

SEC 1474 (9-02)

 $\label{thm:convergence} \begin{tabular}{ll} Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned \\ (e.g., puts, calls, warrants, options, convertible securities) \end{tabular}$

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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. Transactic Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D)		ate	7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code V	(Instr. 3, 4, and 5) (A) (D)	Date Exercisable	Expiration Date	or Title Nu of	umber		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Michigan Biologic Products, Inc. 5723 DELTA RIVER DRIVE LANSING, MI 48906

Member 13(d) group owning >10%

Signatures

/s/ Carl A. Valenstein, attorney in fact

09/12/2007

**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) 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.

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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