

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>Chatfield Steven</u> (Last) (First) (Middle) 2273 RESEARCH BLVD, SUITE 400 (Street) ROCKVILLE MD 20850 (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) Other (specify below) X President EPD UK & CSO
	3. Date of Earliest Transaction (Month/Day/Year) 08/01/2007	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person

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	08/01/2007		S		600	D	\$8.78	37,762	D	
Common Stock	08/01/2007		S		900	D	\$8.8	36,862	D	
Common Stock	08/01/2007		S		600	D	\$8.81	36,262	D	
Common Stock	08/01/2007		S		500	D	\$8.84	35,762	D	
Common Stock	08/01/2007		S		1,000	D	\$8.85	34,762	D	
Common Stock	08/01/2007		S		300	D	\$8.86	34,462	D	
Common Stock	08/01/2007		S		1,300	D	\$8.9	33,162	D	
Common Stock	08/01/2007		S		1,000	D	\$8.94	32,162	D	
Common Stock	08/01/2007		S		300	D	\$8.95	31,862	D	
Common Stock	08/01/2007		S		100	D	\$8.96	31,762	D	
Common Stock	08/01/2007		S		500	D	\$8.97	31,262	D	
Common Stock	08/01/2007		S		400	D	\$8.98	30,862	D	
Common Stock	08/01/2007		S		900	D	\$9.01	29,962	D	
Common Stock	08/01/2007		S		1,200	D	\$9.02	28,762	D	
Common Stock	08/01/2007		S		1,562	D	\$9.03	27,200	D	
Common Stock	08/01/2007		S		300	D	\$9.04	26,900	D	
Common Stock	08/01/2007		S		300	D	\$9.05	26,600	D	
Common Stock	08/01/2007		S		2,600	D	\$9.06	24,000	D	
Common Stock	08/01/2007		S		1,100	D	\$9.07	22,900	D	
Common Stock	08/01/2007		S		600	D	\$9.08	22,300	D	
Common Stock	08/01/2007		S		200	D	\$9.09	22,100	D	
Common Stock	08/01/2007		S		400	D	\$9.1	21,700	D	
Common Stock	08/01/2007		S		1,100	D	\$9.11	20,600	D	
Common Stock	08/01/2007		S		500	D	\$9.12	20,100	D	
Common Stock	08/01/2007		S		100	D	\$9.13	20,000	D	
Common Stock	08/01/2007		S		400	D	\$9.17	19,600	D	
Common Stock	08/01/2007		S		200	D	\$9.19	19,400	D	
Common Stock	08/01/2007		S		1,400	D	\$9.2	18,000	D	
Common Stock	08/01/2007		S		300	D	\$9.21	17,700	D	
Common Stock	08/01/2007		S		800	D	\$9.22	16,900	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:

[/S/R. Don Elsey, attorney-in-fact](#) 08/03/2007

** 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.

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.