FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

vvasilington, D.	J. 20040	

	OMB APPROVAL								
	OMB Number:	3235-0287							
l	Estimated average burden								
l	hours per response:	0.5							

5. Relationship of Reporting Person(s) to Issuer

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

1. Name and Address of Reporting Person

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

2. Issuer Name and Ticker or Trading Symbol

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Bailey Sue					<u>En</u>	Emergent BioSolutions Inc. [ EBS ]									all applic			10% O	Owner
(Last) 2273 RE	,	irst) BLVD, SUITE 4	(Middle)			3. Date of Earliest Transaction (Month/Day/Year) 09/11/2009									Officer below)	(give title		Other (spec below)	
(Street) ROCKVILLE MD 20850				4. If Amendment, Date o				of Original Filed (Month/Day/Year)					6. Individual or Joint/Group Fili Line)  X Form filed by One Re Form filed by More th Person				Reporting Person		
(City)	(S	tate)	(Zip)												1 01001				
		Tab	le I - No	on-Deri	vative	Se	curit	ies Ac	quired	l, Di	sposed o	of, or Be	neficia	illy (	Owned	l			
1. Title of Security (Instr. 3)			2. Transaction Date (Month/Day/Yea		Execution Date,		3. Transaction Code (Instr. 8)		4. Securities Acquired (A) of Disposed Of (D) (Instr. 3, 4 a		d (A) or : 3, 4 and	and 5) Securiti Benefic Owned		ies ially Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Direct Indirect	7. Nature of Indirect Beneficial Ownership		
									Code	v	Amount	(A) or (D) Price			Reported Transaction(s) (Instr. 3 and 4)				(Instr. 4)
Common	Stock			09/11/	/2009				М		7,200	A	\$8.4	.3	7,	ies Form: Direction(s) Form: Dir		D	
Common	Stock			09/11/	/2009				S		7,200	D	\$19.2	1(1)		0		D	
Common Stock				09/11/	1/2009				М		2,800	A	\$8.7	\$8.76 2,		,800		D	
Common Stock 09			09/11/	/2009	2009			S		2,800	D	\$19.2	1(1) 0		0	D			
		7	able II								oosed of converti				wned				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deen Executio if any (Month/E		4. Transactic Code (Inst 8)		on of		6. Date Exercis Expiration Dat (Month/Day/Ye		te	7. Title and Amount of Securities Underlying Derivative (Instr. 3 ar	f g Security	De Se (In:	Price of rivative curity str. 5)	9. Number derivative Securities Beneficial Owned Following Reported Transactio (Instr. 4)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4		11. Nature of Indirect Beneficial Ownership (Instr. 4)
					Code	v	(A)		Date Exercisa	ıble	Expiration Date	Title	Amount or Number of Shares						
Director Stock Option (right to buy)	\$8.43	09/11/2009			М			7,200	(2)		06/13/2017	Common Stock	7,200		\$0	7,200		D	
Director Stock Option	\$8.76	09/11/2009			M			2,800	(3)		05/20/2018	Common Stock	2,800		\$0	11,600	)	D	

## **Explanation of Responses:**

- 1. The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan.
- 2. The option will vest with respect to the remaining 7,200 shares on June 14, 2010 or, if the Company's Annual Meeting of Stockholders occurs prior to that, on the day prior to such year's Annual Meeting of
- 3. The remaining option is vested with respect to 2,000 shares. The option will vest with respect to the remaining 9,600 shares in two equal installments on May 21, 2010 and May 21, 2011, respectively, or, if the Company's Annual Meeting of Stockholders occurs prior to such date for any year, on the day prior to such year's Annual Meeting of Stockholders

/s/R. Don Elsey, attorney-in-09/15/2009 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.

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.