Keese Kyle Form 4 June 18, 2007

FORM 4

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

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

obligations may continue. See Instruction

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 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person ** Keese Kyle			2. Issuer Name and Ticker or Trading Symbol Emergent BioSolutions Inc. [EBS]	5. Relationship of Reporting Person(s) to Issuer		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
			(Month/Day/Year)	Director 10% Owner		
2273 RESEAR 400	RCH BLVD	, SUITE	06/14/2007	X Officer (give title Other (specify below) SVP, Corporate Affairs		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
ROCKVILLE,	MD 20850		Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 4. Securities Acquired 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of Securities Form: Direct Indirect (Instr. 3) Beneficially Beneficial Code (D) (D) or t (I) Ownership (Instr. 4)

((Month/Day/Year)	(Instr. 8)	(Instr. 3, 4 and 5)			Owned Following	Indirect (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(111311. 1)	
Common Stock	06/14/2007		M	1,427	A	\$ 2.74	8,033	D	
Common Stock	06/14/2007		S	1,427	D	\$ 8.55 (3)	6,606	D	
Common Stock	06/15/2007		M	1,447	A	\$ 2.74	8,053	D	
Common Stock	06/15/2007		S	1,405	D	\$ 9.39 (4)	6,648	D	

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

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SEC 1474 (9-02)

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 on Derivative Securities Acquired Disposed (Instr. 3, 4	(A) or of (D)	Expiration Date		7. Title and Amount Underlying Securitie (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Employee stock option (right to buy)	\$ 8.43	06/14/2007		A	13,000		<u>(1)</u>	06/13/2014	Common stock	13,00
Employee stock option (right to buy)	\$ 2.74	06/14/2007		M		1,427	<u>(2)</u>	06/30/2007	Common stock	1,42
Employee stock option (right to buy)	\$ 2.74	06/15/2007		M		1,447	(2)	06/30/2007	Common stock	1,44

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		

Keese Kyle

2273 RESEARCH BLVD, SUITE 400

SVP, Corporate Affairs

ROCKVILLE, MD 20850

Signatures

/s/ R. Don Elsey, attorney-in-fact 06/18/2007

**Signature of Reporting Person Date

Reporting Owners 2

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 option will vest in three equal installments on June 13, 2008, June 13, 2009 and June 13, 2010.
- (2) The option became fully vested on December 31, 2006 and will expire on June 30, 2007.
- (3) Reflects the average sales price of shares sold by Merrill Lynch on such date in its administration of Rule 10b5-1 trading plans for Emergent BioSolutions Inc. common stock. These shares were sold at prices ranging from \$8.38 to \$8.83 per share.
- (4) Reflects the average sales price of shares sold by Merrill Lynch on such date in its administration of Rule 10b5-1 trading plans for Emergent BioSolutions Inc. common stock. These shares were sold at prices ranging from \$8.99 to \$9.59 per share.

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.