Emergent BioSolutions Inc.

Form 4

November 21, 2006

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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Form 5 obligations may continue.

See Instruction

Check this box

if no longer

subject to

Section 16.

Form 4 or

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 *

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Keese Kyle

Symbol Emergent BioSolutions Inc. [EBS]

(Check all applicable)

(Last)

(Middle) (First)

3. Date of Earliest Transaction

Director 10% Owner

300 PROFESSIONAL DRIVE

(Street)

(Month/Day/Year) 11/20/2006

X_ Officer (give title Other (specify below)

SVP Mktg & Comm.

6. Individual or Joint/Group Filing(Check

4. If Amendment, Date Original

Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

(I)

(Instr. 4)

Person

below)

GAITHERSBURG, MD 20879

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

Owned

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

3. 4. Securities TransactionAcquired (A) or

5. Amount of Securities Beneficially

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial

Ownership

(Instr. 4)

(Month/Day/Year)

Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

Following Reported Transaction(s)

(A) Code V Amount (D) Price

(Instr. 3 and 4)

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security

Conversion or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

4. 5. Number of **Transaction**Derivative Code Securities Acquired

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amour Underlying Securit (Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8	3)	(A) or Disposed of (D) (Instr. 3, 4, and 5)					
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amo or Num of Sh
Employee Stock Option (right to buy)	\$ 2.74 (1)	11/20/2006		С			43,156	(2)	06/30/2007	Class B Common Stock	43,
Employee Stock Option (right to buy)	\$ 2.74 (1)	11/20/2006		С		43,156		(3)	06/30/2007	Common Stock	43,1

Reporting Owners

Reporting Owner Name / Address	Relationships						
Reporting Owner Name / Address	Director	10% Owner	Officer	Other			
Keese Kyle							
300 PROFESSIONAL DRIVE			SVP Mktg & Comm.				
GAITHERSBURG, MD 20879			_				

Signatures

/s/Daniel Abdun-Nabi, attorney in fact 11/21/2006

**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 option to purchase Class B Common Stock converted into an option to purchase Common Stock on a 1-for-1 basis.
- (2) The option was granted on June 30, 2004. The option is vested with respect to 30,209 shares of Class B Common Stock covered thereby and will vest with respect to the remaining 12,947 shares on December 31, 2006.
- (3) The option is vested with respect to 30,209 shares of Common Stock covered thereby and will vest with respect to the remaining 12,947 shares on December 31, 2006.

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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