Niederhuber John Form 4 May 23, 2011

FORM 4

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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OMB APPROVAL

subject to Section 16. Form 4 or Form 5 obligations may continue.

Check this box

if no longer

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)

05/19/2011

Stock (1)

See Instruction

1. Name and Address of Reporting Person * Niederhuber John			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
			Emergent BioSolutions Inc. [EBS]	(Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(1)		
			(Month/Day/Year)	X Director 10% Owner		
2273 RESEARCH BLVD, SUITE 400			05/19/2011	Officer (give title Other (specify below)		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
	ND 2005	o.	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting		
ROCKVILLE, MD 20850				Person		
(City)	(State)	(Zip)				

(City)	(State) (2	Table	I - Non-De	erivative Sec	curities Acc	quired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio	4. Securitie		5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect
(Instr. 3)	` '	any (Month/Day/Year)	Code (Instr. 8)	Disposed o	` /	Beneficially Owned	(D) or Indirect (I)	Beneficial Ownership
		(Wional/Day/Tear)	(msu. o)	(msu. 3, 4	and 3)	Following	(Instr. 4)	(Instr. 4)
				((A)	Reported Transaction(s)		
			Code V		or (D) Price	(Instr. 3 and 4)		
Common	05/10/2011		A	3,600		0.000	D	

(2)

Α

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

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D

\$0

9,000

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

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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. Number owf 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 Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Director Stock Option (right to buy)	\$ 22.02	05/19/2011		A	7,200	<u>(3)</u>	05/18/2021	Common Stock	7,200

Reporting Owners

Reporting Owner Name / Address	Relationships					
Reporting Owner Name / Address	Director	10% Owner	Officer	Other		
Niederhuber John 2273 RESEARCH BLVD, SUITE 400	X					
ROCKVILLE, MD 20850						

Signatures

/s/R. Don Elsey, attorney-in-fact 05/23/2011

**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) Consists of restricted stock units granted under the Amended and Restated Emergent BioSolutions Inc. 2006 Stock Incentive Plan.
- These restricted stock units vest in three equal annual installments beginning on the first anniversary of the date of grant, assuming continued service with the company. Each restricted stock unit represents the right of the Reporting Person to receive one share of common stock of Emergent BioSolutions Inc., subject to adjustment as provided in the grant agreement.
- (3) The option will vest in three equal installments on May 19, 2012, May 19, 2013 and May 19, 2014 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.

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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