Niederhuber John Form 3 September 15, 2010

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

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

SECURITIES

response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting

Person *

A Niederhuber John

(Last)

(First)

(Middle)

Statement

(Month/Day/Year)

08/23/2010

2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol

Emergent BioSolutions Inc. [EBS]

4. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

5. If Amendment, Date Original

Filed(Month/Day/Year)

2273 RESEARCH BLVD, SUITE 400

(Street)

_X__ Director Officer

10% Owner _Other (give title below) (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting

Person

Form filed by More than One

Reporting Person

4. Nature of Indirect Beneficial

ROCKVILLE, Â MDÂ 20850

(City) (State) (Zip)

1. Title of Security (Instr. 4)

2. Amount of Securities Beneficially Owned

(Instr. 4)

Ownership Form:

Table I - Non-Derivative Securities Beneficially Owned

Ownership (Instr. 5)

Direct (D) or Indirect (I) (Instr. 5)

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

SEC 1473 (7-02)

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

(Instr. 4)

1. Title of Derivative Security (Instr. 4)

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

3. Title and Amount of Securities Underlying Derivative Security

4. Conversion or Exercise Price of

Ownership Form of Derivative Security:

6. Nature of Indirect Beneficial Ownership (Instr. 5)

Date Exercisable

Expiration Title Date

Amount or Number of Shares

Derivative Security

Direct (D) or Indirect (I)

(Instr. 5)

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Niederhuber John

2273 RESEARCH BLVD, SUITE 400 \hat{A} X \hat{A} \hat{A}

ROCKVILLE, MDÂ 20850

Signatures

/s/R. Don Elsey, attorney-in-fact 09/15/2010

**Signature of Reporting Person

Explanation of Responses:

No securities are beneficially owned

* If the form is filed by more than one reporting person, see Instruction 5(b)(v).

Date

** 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. 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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