FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPRO | OVAL |
|------------------------|-----------|
| OMB Number: | 3235-0287 |
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

| Name and Address of Reporting Person* Havey Adam | | | | | | 2. Issuer Name and Ticker or Trading Symbol Emergent BioSolutions Inc. [EBS] | | | | | | | k all applica Director | , | 10 | o Issuer % Owne | I | |
|--|----|---|----------------|------------|-----------------|--|--|-----------|------------------------------|------------|---|----------------------------|---|--|---|--------------------|------------|--|
| (Last) (First) (Middle) 2273 RESEARCH BLVD. SUITE 400 | | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 03/11/2014 | | | | | | | below) | P, Biodefe | be | low) ် | Jily | |
| (Street) ROCKVILLE MD 20853 (City) (State) (Zip) | | | | | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | dividual or Joint/Group Filing (Check Applicable) X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | |
| Table I - Non-Deriva 1. Title of Security (Instr. 3) 2. Transa Date (Month/D | | | | | Execution Date, | | 3. Transaction Code (Instr. | | 4. Securities Disposed Of | (A) or | 5. Amoun Securities Beneficia Owned Fo | s I lly (ollowing (| 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | t Ind ct Ber Ow | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | | |
| | | | | | | | | Code | v | Amount | (A) or (D) | Price | Reported Transacti (Instr. 3 a | on(s) | | lins | itr. 4) | |
| Common Stock ⁽¹⁾ 03/ | | | | | 03/11/ | 2014 | | F | | 1,336 | D | \$28.09 | 28, | 695 | D | | | |
| Common Stock ⁽¹⁾ 03 | | | | | 03/11/ | 2014 | | A | | 14,060 | A | \$0 | 42,7 | 55 ⁽²⁾ | D | | | |
| Common Stock 03/11 | | | | | 2014 | | S | | 5,835 | D | \$26.96 | 36, | 920 | D | | | | |
| Common Stock 03/11/ | | | | | | 2014 | | M | | 4,887 | A | \$15.83 | 41, | 807 | D | | | |
| Common Stock 03/11/ | | | | | 2014 | | M | | 6,933 | A | \$15.91 | 48,800 | | D | | | | |
| Common Stock 03/11/ | | | | | 2014 | | S | | 11,820 | D | \$26.96 | 36, | 920 | D | | | | |
| | | | | | | | curities Acqu lls, warrants, | | | onvertible | secur | ities) | wned | | | | | |
| 1. Title of | 2. | 3 | 3. Transaction | 3A. Deemed | 4. | | 5. Number of | 6. Date I | Exercis | sable and | 7. Title and | l Amount | 8. Price of | 9. Number | of 10. | 1 | L1. Nature | |

| 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. Transa Code (8) | | 5. Number of 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 Securities Underlying Derivative Security (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---|---|--|---|------------------------------|---|--|-------|--|--------------------|---|--|---|--|--|--|
| | | | | Code | v | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | (Instr. 4) | | |
| Employee Stock Option (right to buy) | \$28.09 | 03/11/2014 | | A | | 28,119 | | (3) | 03/10/2021 | Common Stock | 28,119 | \$0 | 28,119 | D | |
| Employee Stock Option (right to buy) | \$15.91 | 03/11/2014 | | M | | | 6,933 | (4) | 03/08/2014 | Common Stock | 6,933 | \$0 | 0 | D | |
| Employee Stock Option (right to buy) | \$15.83 | 03/11/2014 | | М | | | 4,887 | (5) | 03/12/2019 | Common Stock | 4,887 | \$0 | 4,887 | D | |

Explanation of Responses:

- $1.\ Consists of restricted stock units granted under the Amended and Restated Emergent Bio Solutions Inc.\ 2006\ Stock Incentive\ Plan.$
- 2. 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. Vests in three equal installments on March 10, 2015, March 10, 2016 and March 10, 2017.
- 4. The option is fully vested.
- 5. The option will vest with respect to the remaining 4,887 shares on March 12, 2015.

Remarks:

/s/Eric Burt, attorney-in-fact 03/12/2014

** 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.