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FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| Check this box if no longer subject to |
|--|
| Section 16. Form 4 or Form 5 |
| obligations may continue. See |
| Instruction 1(b). |

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

OMB APPROVAL OMB Number: 3235-0287 Estimated average burden

| Estimated average burden hours per response: | 0.5 |
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| | ss of Reporting Perso | n* | 2. Issuer Name and Ticker or Trading Symbol Emergent BioSolutions Inc. [EBS] | | tionship of Reporting all applicable) | Perso | n(s) to Issuer | |
|---------------------|--------------------------|-------------------------|---|---|---|-------|-----------------------|--|
| Intervac, L.L. | <u></u> | | | | Director | Х | 10% Owner | |
| | (First) T RESOURCES (| (Middle) CORPORATION | 3. Date of Earliest Transaction (Month/Day/Year) 05/08/2012 | | Officer (give title below) | | Other (specify below) | |
| 12001 GLEN ROAD | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Individual or Joint/Group Filing (Check Applicable Line) | | | | |
| (Street) POTOMAC | MD | 20854 | | X | Form filed by One F Form filed by More Person | • | 0 | |
| (City) | (State) | (Zip) | | | | | | |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transa Code (8) | | | | 5. Amount of Securities Beneficially Owned Following Reported | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | |
|---------------------------------|--|---|------------------------------|---|---------|---------------|---|---|---|----------|
| | | | Code | v | Amount | (A) or (D) | Price | Transaction(s) (Instr. 3 and 4) | | (1130.4) |
| Common Stock | 05/08/2012 | | J ⁽¹⁾ | | 45,647 | D | (1) | 5,591,147 | D | |
| Common Stock | 05/08/2012 | | J ⁽¹⁾ | | 45,647 | D | (1) | 5,545,500 | D | |
| Common Stock | 05/08/2012 | | J ⁽¹⁾ | | 45,647 | D | (1) | 5,499,853 | D | |
| Common Stock | 05/08/2012 | | J ⁽¹⁾ | | 779,951 | D | (1) | 4,719,902 | D | |

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

| | (3, p,,, | | | | | | | | | | | | | | |
|---|---|--|---|------------------------------|---|-----|-----|--|---|-------|---|--|--|--|--|
| 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) | | of | | 6. Date Exerc Expiration Da (Month/Day/Y | 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) (Instr. 4) | 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 | | | | |

Explanation of Responses:

1. The disposition reported on this line occurred as a result of a redemption by Intervac, L.L.C. of membership interests of certain members of Intervac, L.L.C. There was no sale of securities by Intervac, L.L.C.

/s/ Carl A. Valenstein, attorneyin-fact 05/08/2012

** Signature of Reporting Person Date

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

 \ast 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.

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