

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

| OMB APPROVAL | |
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|--|---|---|
| 1. Name and Address of Reporting Person* <u>Ruff Shamim</u> (Last) (First) (Middle) 215 FIRST STREET SUITE 415 (Street) CAMBRIDGE MA 02142 (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol <u>Sarepta Therapeutics, Inc. [SRPT]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>SVP, Regulatory Affairs & Qual</u> |
| | 3. Date of Earliest Transaction (Month/Day/Year) <u>07/20/2017</u> | |
| | 4. If Amendment, Date of Original Filed (Month/Day/Year) | |
| | | 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person |

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. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 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 | | | |
| Common Stock | 07/20/2017 | | M | | 6,250 ⁽¹⁾ | A | \$13.71 | 27,312 | D | |
| Common Stock | 07/20/2017 | | S | | 6,250 ⁽¹⁾ | D | \$42 | 21,062 | D | |
| Common Stock | 07/21/2017 | | M | | 4,388 ⁽¹⁾ | A | \$13.9 | 25,450 | D | |
| Common Stock | 07/21/2017 | | S | | 4,388 ⁽¹⁾ | D | \$44 | 21,062 | D | |
| Common Stock | 07/21/2017 | | M | | 1,500 ⁽¹⁾ | A | \$14.76 | 22,562 | D | |
| Common Stock | 07/21/2017 | | S | | 1,500 ⁽¹⁾ | A | \$44 | 21,062 | D | |

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

| 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. Transaction Code (Instr. 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) (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 |
| Non-Qualified Stock Options (right to buy) | \$13.71 | 07/20/2017 | | M | | 6,250 ⁽¹⁾ | | 02/28/2017 | 02/28/2026 | Common Stock | 6,250 | \$13.71 | 17,708 | D | |
| Non-Qualified Stock Options (right to buy) | \$13.9 | 07/21/2017 | | M | | 4,388 ⁽¹⁾ | | 02/27/2016 | 02/27/2025 | Common Stock | 4,388 | \$13.9 | 5,098 | D | |
| Incentive Stock Option (right to buy) | \$14.76 | 07/21/2017 | | M | | 1,500 ⁽¹⁾ | | 05/06/2015 | 05/06/2025 | Common Stock | 1,500 | \$14.76 | 52,644 | D | |

Explanation of Responses:

1. This transaction was effected pursuant to a Rule 10b5-1 Plan adopted by the reporting person, on May 12, 2017, accordingly, the reporting person had no discretion with regards to the timing of the transaction.

Remarks:

/s/David Tyrone Howton, as Attorney-in-Fact for Shamim Ruff 07/21/2017

** 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.

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