

Anderson Mark Brian  
 Form 3  
 October 15, 2009

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 Â Anderson Mark Brian  
 (Last) (First) (Middle)

2. Date of Event Requiring Statement  
 (Month/Day/Year)  
 10/15/2009

3. Issuer Name and Ticker or Trading Symbol  
 NovaBay Pharmaceuticals, Inc. [NBY]

4. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

5. If Amendment, Date Original Filed(Month/Day/Year)

C/O NOVABAY  
 PHARMACEUTICALS,  
 INC.,Â 5980 HORTON  
 STREET, SUITE 550  
 (Street)

\_\_\_\_ Director \_\_\_\_ 10% Owner  
 \_\_X\_\_ Officer \_\_\_\_ Other  
 (give title below) (specify below)  
 CSO

EMERYVILLE,Â CAÂ 94608  
 (City) (State) (Zip)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 \_\_X\_\_ Form filed by One Reporting Person  
 \_\_\_\_ Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Beneficially Owned**

| 1. Title of Security<br>(Instr. 4) | 2. Amount of Securities Beneficially Owned<br>(Instr. 4) | 3. Ownership Form:<br>Direct (D)<br>or Indirect (I)<br>(Instr. 5) | 4. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|------------------------------------|--|---|--|
| Common Stock                       | 100  | D   | Â  |

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)**

| 1. Title of Derivative Security<br>(Instr. 4) | 2. Date Exercisable and Expiration Date<br>(Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security | 4. Conversion or Exercise | 5. Ownership Form of | 6. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|---|---|--|---------------------------|----------------------|--|
|---|---|--|---------------------------|----------------------|--|

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| Date Exercisable | Expiration Date | (Instr. 4)<br>Title | Amount or Number of Shares | Price of Derivative Security | Derivative Security: Direct (D) or Indirect (I)<br>(Instr. 5) |
|------------------|-----------------|---------------------|----------------------------|------------------------------|---|
|------------------|-----------------|---------------------|----------------------------|------------------------------|---|

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |         |       |
|---|---------------|-----------|---------|-------|
|   | Director      | 10% Owner | Officer | Other |
| Anderson Mark Brian<br>C/O NOVABAY PHARMACEUTICALS, INC.<br>5980 HORTON STREET, SUITE 550<br>EMERYVILLE, CA 94608 | Å             | Å         | Å CSO   | Å     |

## Signatures

|   |            |
|---|------------|
| /s/ Theresa Granados, Attorney-in-Fact for Mark Brian<br>Anderson             | 10/15/2009 |
| <u>  </u> Signature of Reporting Person | Date       |

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(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.  
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.