

Barth William S  
 Form 3  
 December 12, 2012

**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 * |          | 2. Date of Event Requiring Statement | 3. Issuer Name <b>and</b> Ticker or Trading Symbol                         |  |
| Â Barth William S                         |          | (Month/Day/Year)                     | BSD MEDICAL CORP [bsdm]  |  |
| (Last)                                    | (First)  | (Middle)                             | 4. Relationship of Reporting Person(s) to Issuer                           | 5. If Amendment, Date Original Filed(Month/Day/Year)                   |
|   |          | 12/10/2012                           |  |  |
| 270 SIENNA LANE                           |          |                                      | (Check all applicable)   | 6. Individual or Joint/Group Filing(Check Applicable Line)             |
|   | (Street) |                                      | <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner       | <input checked="" type="checkbox"/> Form filed by One Reporting Person |
| CENTERVILLE,Â UTÂ 84014                   |          |                                      | <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other | <input type="checkbox"/> Form filed by More than One Reporting Person  |
| (City)                                    | (State)  | (Zip)                                | (give title below)   | (specify below)  |
|   |          |                                      | CFO/Corporate Secretary  |  |

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

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|
| BSD Common Stock                | 1,500   | I  | Spouse IRA  |

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 (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form of Derivative Security: Direct (D) or Indirect | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|---|--|--|---|
|  | Date Exercisable   | Expiration Date   | Title  | Amount or Number of  |   |

Shares (I)  
(Instr. 5)

## Reporting Owners

| Reporting Owner Name / Address                              | Relationships |           |                         |       |
|---|---------------|-----------|-------------------------|-------|
|   | Director      | 10% Owner | Officer                 | Other |
| Barth William S<br>270 SIENNA LANE<br>CENTERVILLE, UT 84014 |               |           | CFO/Corporate Secretary |       |

## Signatures

William S Barth 12/12/2012

\*\*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.  
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