

Mead Hyrum A  
 Form 4  
 September 17, 2008

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL

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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).

**STATEMENT OF CHANGES IN 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 \*  
 Mead Hyrum A

2. Issuer Name and Ticker or Trading Symbol  
 BSD MEDICAL CORP [bsdm]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)

Director  10% Owner  
 Officer (give title below)  Other (specify below)

202 COVENTRY LANE

09/15/2008

President

(Street)

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

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

NORTH SALT LAKE, UT 84054

(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. 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 Ownership (Instr. 4)			
				Code V	Amount					
Common Stock	09/15/2008		M		65,790	A	\$ 0.37	177,490	D	
Common Stock	09/15/2008		M		200,000	A	\$ 0.81	377,490	D	
Common Stock	09/15/2008		M		100,927	A	\$ 1.2	478,417	D	
Common Stock	09/15/2008		F		41,717	D	\$ 7.37	436,700	D	

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

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(9-02)

**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 Underlying Security (Instr. 3 and 4)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount
Option to purchase common stock	\$ 0.37	09/15/2008		M	65,790	08/10/2000 <sup>(2)</sup>	08/10/2009	Common Stock	65,790
Option to purchase common stock	\$ 0.81	09/15/2008		M	200,000	01/18/2001 <sup>(1)</sup>	01/18/2010	Common Stock	200,000
Option to purchase common stock	\$ 1.2	09/15/2008		M	100,927	04/09/2005 <sup>(3)</sup>	04/09/2014	Common Stock	100,927

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Mead Hyrum A 202 COVENTRY LANE NORTH SALT LAKE, UT 84054	X		President	

## Signatures

Hyrum A. Mead 09/17/2008

\*\*Signature of Reporting Person

Date

## Explanation of Responses:

\* 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).

(1) These options vest at a rate of 20% per year for a five year period beginning January 18, 2001.

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- (2) These options vest at a rate of 20% per year for a five year period beginning August 10, 2000
- (3) These options vest at a rate of one third per year for a three year period beginning April 9, 2005.

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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