Sennewald Gerhard W Form 4 May 04, 2010

FORM 4

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

SECURITIES

OMB Number:

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

response...

if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

Check this box

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(b).

1. Name and Address of Reporting Person * Sennewald Gerhard W

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)

(State)

VIA DEL PANTHEON 45/7A

(Middle)

(Zip)

3. Date of Earliest Transaction

(Month/Day/Year)

X Director

10% Owner

05/02/2010

Officer (give title below)

Other (specify

(Street)

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

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

Person

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

ROME, L6 00186

(City)

Stock

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following Reported

6. Ownership 7. Nature of Form: Direct Indirect (D) or Beneficial Indirect (I) Ownership (Instr. 4) (Instr. 4)

Common 05/03/2010 Code V Amount (D) Price A 18,634

(A)

Transaction(s) (Instr. 3 and 4)

6,510,640 D

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

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1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transactio	5. orNumber	6. Date Exerc Expiration D		7. Title and Amount of		9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	(2.20.11.2.3)	any (Month/Day/Year)	Code (Instr. 8)	of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/ re s		Underlying Securities (Instr. 3 and	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title Amo or Num of Share	ber	

Reporting Owners

Reporting Owner Name / Address	Relationships						
·F···· & ····	Director	10% Owner	Officer	Other			
Sennewald Gerhard W	v	v					
VIA DEL PANTHEON 45/7A ROME, L6 00186	X	X					

Signatures

Gerhard W
Sennewald 05

05/04/2010

**Signature of Date Reporting Person

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).

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.

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