THISTLE WILLIAM R Form 4

April 09, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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January 31, Expires:

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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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * THISTLE WILLIAM R

2. Issuer Name and Ticker or Trading Symbol

PSYCHEMEDICS CORP [PMD]

5. Relationship of Reporting Person(s) to Issuer

Director

(Check all applicable)

Sr. VP and Gen. Counsel

(Last)

(First)

(Street)

(State)

(Middle)

(Zip)

3. Date of Earliest Transaction

X_ Officer (give title

below)

10% Owner Other (specify

C/O PSYCHEMEDICS CORPORATION, 125 NAGOG

PARK

4. If Amendment, Date Original

Filed(Month/Day/Year)

(Month/Day/Year)

04/07/2010

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

ACTON, MA 01720

(City)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (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)

(A)

Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

Common

Value

Stock, 04/07/2010 \$.005 Par

9,000 (1)

\$0 17,866

D

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

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SEC 1474

(9-02)

1

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate	Amoun	t of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8) Derivative		e		Securit	ies	(Instr. 5)	Bene
	Derivative				Securities Acquired			(Instr. 3	3 and 4)		Own
	Security										Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A manuat		
									Amount		
					Date	Date	Expiration	Or Title Nesselves			
						Exercisable Date	Date		Number		
				C + V	(A) (D)				of		
				Code V	(A) (D)				Shares		

Reporting Owners

Relationships Reporting Owner Name / Address Officer Other Director 10% Owner

THISTLE WILLIAM R C/O PSYCHEMEDICS CORPORATION 125 NAGOG PARK **ACTON, MA 01720**

Sr. VP and Gen. Counsel

Signatures

Patrick J. Kinney, Jr. as attorney-in-fact for William R. 04/09/2010 Thistle

> **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).

Represents restricted stock units that are to be settled solely in shares of Common Stock. The units vest with respect to 25% of the shares (1) twelve months after the date of grant and with respect to an additional 25% on each of the three anniversary dates thereafter, so long as the recipient is in the continuous employ of the Issuer through each such respective vesting date.

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.

Reporting Owners 2