First Federal of Northern Michigan Bancorp, Inc.

Form 4

May 24, 2006

OMB APPROVAL FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION **OMB** 3235-0287 Washington, D.C. 20549 Number: Check this box January 31, Expires: if no longer 2005 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to Estimated average **SECURITIES** Section 16. burden hours per Form 4 or response... 0.5 Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction 1(b). (Print or Type Responses) 1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading VANMASSENHOVE GARY C Issuer Symbol First Federal of Northern Michigan (Check all applicable) Bancorp, Inc. [FFNM] (Last) (First) (Middle) 3. Date of Earliest Transaction _X__ Director 10% Owner Officer (give title Other (specify (Month/Day/Year) below) 100 S. SECOND AVE 03/14/2006 (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting ALPENA, MI 49707 Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 5. Amount of 6. Ownership 7. Nature of 3. 4. Securities Security (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Securities Form: Direct Indirect (Instr. 3) Code Disposed of (D) Beneficially (D) or Beneficial

(mon e)		(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4 and 5)			Owned Following	Indirect (I) (Instr. 4)	Ownership (Instr. 4)
Common			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
Stock, par value \$0.00 per share	05/17/2006		A	4,100 (1)	A	\$0	7,769	D	
Common Stock, par value \$0.01 per share							750	I	By spouse IRA
Common Stock, par value \$0.01 per share							642	I	By IRA1

Common					
Stock, par					
value \$0.01					
per share					

739 I By IRA2

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (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. Transactic 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 Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Options	\$ 9.2	03/14/2006		A	2,500 (2)	03/14/2007	03/14/2016	Common Stock	2,500 (2)
Stock Options	\$ 9.65	05/17/2006		A	5,900 (3)	05/17/2007	05/17/2016	Common Stock	5,900 (3)

Reporting Owners

Reporting Owner Name / Address	Relationships						
Troporting of their France / F	Director	10% Owner	Officer	Other			
VANMASSENHOVE GARY C 100 S. SECOND AVE ALPENA, MI 49707	X						
Signatures							
/s/ Michael W. Mahler, pursuant attorney	to power	of	05/2	24/2006			

**Signature of Reporting Person

Reporting Owners 2

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) Represents shares of restricted stock that vest over a five year period, commencing on May 17, 2006, at the rate of 20% per year.
- (2) Represents stock options that vest over a five year period, commencing on March 14, 2006, at the rate of 20% per year.
- (3) Represents stock options that vest over a five year period, commencing on May 17, 2006, at the rate of 20% per year.

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.