

DOW CHEMICAL CO /DE/
Form 4
July 15, 2005

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 *
Banholzer William F

2. Issuer Name and Ticker or Trading Symbol
DOW CHEMICAL CO /DE/ [DOW]

5. Relationship of Reporting Person(s) to Issuer
(Check all applicable)

(Last) (First) (Middle)
2030 DOW CENTER
(Street)

3. Date of Earliest Transaction
(Month/Day/Year)
07/14/2005

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
Corp Vice President & CTO

MIDLAND, MI 48674
(City) (State) (Zip)

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

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 Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership Indirect Beneficial Ownership (Instr. 4)
				(A) or (D)	Code V Amount (D) Price		

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	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any	4. Transaction Code	5. Number of Derivative Securities	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Security (Instr. 3 and 4)
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(Instr. 3)	Price of Derivative Security	(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
<u>(1)</u> Deferred Stock	<u>(2)</u>	07/14/2005	A	2,500					<u>(3)</u>	07/14/2010	Common Stock	2,500
<u>(1)</u> Deferred Stock	<u>(2)</u>	07/14/2005	A	85,000					<u>(4)</u>	09/12/2008	Common Stock	85,000
<u>(1)</u> Non-Qualified Stock Option (right to buy)	\$ 47	07/14/2005	A	8,250					<u>(5)</u>	07/14/2015	Common Stock	8,250
<u>(1)</u> Non-Qualified Stock Option (right to buy)	\$ 47	07/14/2005	A	55,000					<u>(5)</u>	07/14/2015	Common Stock	55,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Banholzer William F 2030 DOW CENTER MIDLAND, MI 48674			Corp Vice President & CTO	

Signatures

William F. Banholzer, Corp Vice President & CTO
07/14/2005

__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) Granted under The Dow Chemical Company 1988 Award and Option Plan, a Rule 16b-3 plan. The Plan provides for tax withholding rights.
- (2) One-for-one.
- (3) The shares to be delivered in one installment on or about July 14, 2010.
- (4) The shares to be delivered in one installment on or about September 12, 2008
- (5) The options vest in three equal annual installments beginning on July 14, 2006.

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.