DOWDLE TIMOTHY E Form 5 February 14, 2002

U.S. SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

FORM 5

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

THE DITTERNAL	vi di dimivolo ili blivi	TIOTHE OWNERONITE
		Company Act of 1935 or
[_] Check box if no longer s may continue. See Instruc		. Form 4 or Form 5 obligations
[_] Form 3 Holdings Reported		
[_] Form 4 Transactions Repor	rted	
1. Name and Address of Repor	ting Person*	
Dowdle	Timothy	Ε.
(Last) Millennium Chemicals Inc.	(First)	(Middle)
200 International Circle, S	Suite 5000	
	(Street)	
Hunt Valley	MD	21030
(City)	(State)	(Zip)
2. Issuer Name and Ticker or	Trading Symbol	
Millennium Chemicals Inc.	(MCH)	
3. IRS Identification Number	of Reporting Person	, if an Entity (Voluntary)
4. Statement for Month/Year		
December 31, 2001		
5. If Amendment, Date of Ori	iginal (Month/Year)	

^{6.} Relationship of Reporting Person to Issuer (Check all applicable)

[_] [X]	[_] Director [_] 10% Owner [X] Officer (give title below) [_] Other (specify below)					
Senior	Vice President - Manuf	facturing, Operat:	ional Excellence	e Businesses		
	vidual or Joint/Group E ck applicable line)	Filing				
[X]	Form filed by one Repo		Person			
					:==	
======	Table I Non-Deriva or	Beneficially Owner	ed		==	
		2	2	4. Securities Ac Disposed of ((Instr. 3, 4	D) and 5)	
1. Title of (Instr. 3			3. n Transaction Code (Instr. 8)	Amount	(A) or (D)	Price
	ock \$0.01 par value/sha					
Common St	ock \$0.01 par value/sha	are 12/31/01	D	428	D	
Common St	ock \$0.01 par value/sha	are				
Common St	ock \$0.01 par value/sha	are 12/19/01	A	25	А	12.5999
	ock \$0.01 par value/sha			218	A	12.6
Common St	ock \$0.01 par value/sha	are 12/19/01	A	13	A	12.5629
Common St	ock \$0.01 par value/sha	are 				

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

^{*} If the form is filed by more than one Reporting Person, see Instruction $4\,\mathrm{(b)}\,\mathrm{(v)}\,\mathrm{.}$

(Print or Type Responses)

(Over)

FORM 5 (continued)

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

1. Title of	Conversion or Exercise 3. Price Trans- 4. of action Trans- Deriv- Date action		5. Number of Derivative 6. Securities Date Acquired (A) Exercisable and or Disposed Expiration Date of (D) (Month/Day/Year) (Instr. 3,					
Derivative Security		(Month/ Day/	Code (Instr.	4 and 5)		Expira- tion		Number of
(Instr. 3)	ity	Year)	8)	(A) (D)	cisable	Date	Title	Shares
Option	\$19.00	12/6/96	А	5,000 A	12/6/99	12/5/06	Stock	5,000
Option	\$16.87	5/18/01	A	25,000 A	5/18/02	5/17/11	Common Stock	25,000

Explanation of Responses:

- 1. Represents the value of the Reporting Person's Stock Fund Account in the Company's 401(k) plan as of December 31, 2001, expressed as share equivalents. As of such date 97.95% of such fund was invested in Company Common Stock.
- 2. Represents shares of restricted stock granted to the Reporting Person on October 23, 1997 under the Issuer's Long Term Stock Incentive Plan as follows: (i) 1,343 shares which may vest over a five-year period, and (ii) 8,961 shares which may be earned for the five-year performance period ending December 31, 2001 subject to the achievement of performance goals, 50% of which may be distributed when earned and 50% of which may be distributed over a five-year period commencing on the date earned.
- 2A.On December 31, 2001, 428 shares of restricted stock vested under the Issuer's Long Term Stock Incentive Plan. On that date, the Company purchased all of these vested shares pursuant to Rule 16b-3 (e).
- Reflects shares allocated to the Reporting Person's account under the Company's Salary and Bonus Deferral Plan as a result of dividends paid on shares held in such Plan.

- 4. Represents amounts allocated to, and the total holdings in, the Reporting Person's Company Stock Fund Account in the Company's Supplemental Savings and Investment Plan as of December 31, 2001, expressed as share equivalents. Because the trustee and record keeper for this plan utilize unit accounting for the Company Stock Fund rather than share accounting, these amounts represent share equivalents allocated to the Reporting Person's account rather than shares of Common Stock.
- 5. Represents an option granted to the Reporting Person on December 6, 1996 under the Issuer's Long Term Stock Incentive Plan to purchase 5,000 shares of the Issuer's Common Stock at \$19.00 per share.
- 6. Represents an option granted to the Reporting Person on May 18, 2001 under the Issuer's Long Term Stock Incentive Plan to purchase 25,000 shares of the Issuer's Common Stock at \$16.87 per share.

**Cignature of Depositing Depos

**Signature of Reporting Person

Date

 $\ensuremath{^{**}}$ 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 provided is insufficient, see Instruction 6 for procedure.

Page 2