

Lindsay Ronald Carter
 Form 4
 February 23, 2010

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 *
 Lindsay Ronald Carter

(Last) (First) (Middle)

EASTMAN CHEMICAL
 COMPANY, 200 SOUTH WILCOX
 DRIVE

(Street)

KINGSPORT, TN 37660

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 EASTMAN CHEMICAL CO [EMN]

3. Date of Earliest Transaction
 (Month/Day/Year)
 02/19/2010

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

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

___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)
 EVP, Perf Polymrs & Chem Inter

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 Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V Amount (A) or (D) Price			
Common Stock	02/19/2010		A	6,929 (1) \$ 0	15,676 (2)	D	
Common Stock	02/19/2010		F	1,851 (3) \$ 60.02	13,825 (2)	D	
Common Stock					223 (4)	I	401(k)
Common Stock					454	I	ESOP

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

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(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. Transaction 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)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Transaction (Instr. 6)
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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Lindsay Ronald Carter EASTMAN CHEMICAL COMPANY 200 SOUTH WILCOX DRIVE KINGSPORT, TN 37660			EVP, Perf Polymrs & Chem Inter	

Signatures

Brian L. Henry, by Power of Attorney
Date: 02/23/2010

**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) Payout under performance shares awarded at beginning of three-year (2007-2009) performance period.
- (2) Includes 11 shares acquired since February 20, 2009 resulting from automatic reinvestment of dividends.
- (3) Shares of common stock withheld in payment of tax liability incident to payout under performance shares.
- (4) Includes 4 shares acquired since February 20, 2009 resulting from automatic reinvestment of dividends.

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.