

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

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

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

(Last) (First) (Middle)
 EASTMAN CHEMICAL COMPANY, 200 SOUTH WILCOX DRIVE
 (Street)

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

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

KINGSPORT, TN 37660

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

(City) (State) (Zip)

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 or Price		
Common Stock	02/19/2010		A		6,929 ⁽¹⁾	A	\$ 0
Common Stock	02/19/2010		F		1,851 ⁽³⁾	D	\$ 60.02
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 (Instr. 5)
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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

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.