Vulcan Materials CO Form 4 July 14, 2008

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or

SECURITIES Form 5 obligations may continue.

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

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person *

KOROLOGOS ANN **MCLAUGHLIN**

> (First) (Middle) (Last)

1200 URBAN CENTER DRIVE

(Street)

2. Issuer Name and Ticker or Trading Symbol

Vulcan Materials CO [VMC]

3. Date of Earliest Transaction

(Month/Day/Year) 07/10/2008

4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

X_ Director 10% Owner Officer (give title Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)

X 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

(City) (State) (Zip)

1.Title of 2. Transaction Date 2A. Deemed

BIRMINGHAM, AL 35242

Security (Instr. 3)

(Month/Day/Year) Execution Date, if

(Month/Day/Year)

4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5)

Code V Amount (D) Price

(A)

or

5. Amount of Securities Beneficially Owned Following Reported

(Instr. 3 and 4)

Transaction(s)

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (Instr. 4) (Instr. 4)

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)

Conversion or Exercise Price of

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if (Month/Day/Year)

4. Transactionof Code Derivative (Instr. 8) Securities

5. Number 6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of 8 **Underlying Securities** (Instr. 3 and 4)

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| | Derivative Security | | | | 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 |
| Phantom Stock (Deferred Compensation) | (1) | 07/10/2008 | A(2) | | 48 | | (3) | <u>(3)</u> | Common Stock | 48 |
| Phantom Stock (Deferred Compensation) | (1) | 07/11/2008 | A(2) | | 312 | | (3) | (3) | Common Stock | 312 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | | |
|---|---------------|-----------|---------|-------|--|--|--|
| | Director | 10% Owner | Officer | Other | | | |
| KOROLOGOS ANN MCLAUGHLIN 1200 URBAN CENTER DRIVE BIRMINGHAM, AL 35242 | X | | | | | | |

Signatures

By: Amy M. Tucker, Attorney-in-Fact 07/14/2008

**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) Convertible on a 1-for-1 basis.
- (2) Director's fees credited to the reporting person's account in accordance with the Vulcan Materials Company Directors' Deferred Compensation Plan.
- (3) The units are to be settled in Vulcan common stock commencing at the retirement of the reporting person.

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.

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