VULCAN MATERIALS CO
Reported by
KOROLOGOS ANN MCLAUGHLIN

FORM 4
(Statement of Changes in Beneficial Ownership)

Filed 01/26/10 for the Period Ending 09/15/08

Address 1200 URBAN CENTER DRIVE
BIRMINGHAM, AL 35242
Telephone 2052983000
CIK 0001396009
Symbol VMC
Fiscal Year 12/31
FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

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(f) of the Investment Company Act of 1940

1. Name and Address of Reporting Person

KOROLOGOS ANN MCLAUGHLIN
(Last) (First) (Middle)
1200 URBAN CENTER DRIVE
BIRMINGHAM, AL 35242

2. Issuer Name and Ticker or Trading Symbol

Vulcan Materials CO [ VMC ]

3. Date of Earliest Transaction (MM/DD/YYYY)

9/15/2008

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

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

4. If Amendment, Date Original Filed (MM/DD/YYYY)

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

<table>
<thead>
<tr>
<th>Title of Security</th>
<th>Trans. Date</th>
<th>Trans. Code</th>
<th>Trans. Deemed Execution Date, if any</th>
<th>Amount Acquired or Disposed of (A) or Disposed of (D)</th>
<th>Amount of Securities Beneficially Owned Following Reported Transaction(s)</th>
<th>Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>9/15/2008</td>
<td>S</td>
<td></td>
<td>4542 D</td>
<td>3308.134</td>
<td>D</td>
<td>X</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Title of Derivative Security</th>
<th>Conversion or Exercise Price of Derivative Security</th>
<th>Trans. Date</th>
<th>Trans. Code</th>
<th>Trans. Deemed Execution Date, if any</th>
<th>Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)</th>
<th>Date Exercisable and Expiration Date</th>
<th>Title Amount or Number of Shares</th>
<th>Ownership Form of Derivative Security Beneficially Owned Following Reported Transaction(s) (Instr. 4)</th>
<th>Price of Derivative Security</th>
<th>Number of Derivative Securities Beneficially Owned</th>
<th>Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
</table>

Explanation of Responses:

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>KOROLOGOS ANN MCLAUGHLIN</td>
<td>X</td>
</tr>
<tr>
<td>1200 URBAN CENTER DRIVE</td>
<td></td>
</tr>
<tr>
<td>BIRMINGHAM, AL 35242</td>
<td></td>
</tr>
</tbody>
</table>

Signatures

Amy M. Tucker, Attorney-in-Fact
1/26/2010

Signature of Reporting Person

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(b)(v).
Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.
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.