VULCAN MATERIALS CO  
Reported by  
MCGREGOR DOUGLAS J  

FORM 4  
(Statement of Changes in Beneficial Ownership)  

Filed 05/12/09 for the Period Ending 05/08/09  

Address  
1200 URBAN CENTER DRIVE  
BIRMINGHAM, AL 35242  
Telephone  2052983000  
CIK  0001396009  
Symbol  VMC  
Fiscal Year  12/31
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 *
   MCGREGOR DOUGLAS J
   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)
   5/8/2009

4. If Amendment, Date Original Filed

5. Relationship of Reporting Person(s) to Issuer
   __ X __ Director
   _____ 10% Owner
   _____ Officer (give title below) 
   _____ 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

| Title of Security (Instr. 3) | Trans. Date | Trans. Code | Deemed Execution Date, if any | Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | Nature of Indirect Beneficial Ownership (Instr. 4) |
|-----------------------------|-------------|-------------|-------------------------------|---------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------|

| Phantom Stock (Deferred Stock Units) | 5/8/2009 | A | 1930 | Common Stock | 1930 | $0 | 5514 | D |

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

<table>
<thead>
<tr>
<th>Title of Derivative Security (Instr. 3)</th>
<th>Conversion or Exercise Price of Derivative Security</th>
<th>Trans. Date</th>
<th>Trans. Code (Instr. 8)</th>
<th>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</th>
<th>Expiration Date</th>
<th>Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)</th>
<th>Price of Derivative Security (Instr. 5)</th>
<th>Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)</th>
<th>Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
</table>

| Phantom Stock (Deferred Stock Units) | $0 | A | 1930 | Common Stock | 1930 | $0 | 5514 | D |

Explanation of Responses:

(1) Convertible on a 1-for-1 basis.

(2) Annual deferred stock grant made to the reporting person under the Vulcan Materials Company 2006 Omnibus Long-Term Incentive Plan.

(3) Deferred Stock Units vest on the third anniversary of the grant date. Vested shares will be delivered to the reporting person in the month of March following the year in which the reporting person ceases to be a member of the Board of Directors, unless the reporting person has elected to defer payment of the award, or unless payment is made earlier due to the death or disability of the reporting person or a change in control of Vulcan. The fair market value of the award is not determinable until the payment date.

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCGREGOR DOUGLAS J</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>

OMB APPROVAL
OMB Number: 3235-0287
Expires: February 28, 2011
Estimated average burden hours per response... 0.5
Signatures


Signature of Reporting Person Date

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.