VULCAN MATERIALS CO
Reported by
BASS STANLEY G

FORM 4
(Statement of Changes in Beneficial Ownership)

Filed 09/12/13 for the Period Ending 09/10/13

Address 1200 URBAN CENTER DRIVE
          BIRMINGHAM, AL 35242
Telephone 2052983000
CIK 0001396009
Symbol VMC
SIC Code 1400 - Mining & Quarrying of Nonmetallic Minerals (No Fuels)
Industry Construction - Raw Materials
Sector Capital Goods
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 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *
   Bass Stanley G
   (Last) (First) (Middle)
   1200 URBAN CENTER DRIVE
   (Street)
   BIRMINGHAM, AL 35242
   (City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
   Vulcan Materials CO [ VMC ]

3. Date of Earliest Transaction (MM/DD/YYYY)
   9/10/2013

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

5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
   ___ Director
   ___ 10% Owner
   ___ Officer (give title below)
   ___ Other (specify below)
   X Sr VP - Central Region

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

<table>
<thead>
<tr>
<th>Title of Security</th>
<th>2. Trans. Date</th>
<th>2A. Deemed Execution Date, if any</th>
<th>3. Trans. Code (Instr. 8)</th>
<th>4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)</th>
<th>5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)</th>
<th>6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>7. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>9/10/2013</td>
<td>M</td>
<td>2800.0000</td>
<td>A $46.7600</td>
<td>5469.0000</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>Common Stock</td>
<td>9/10/2013</td>
<td>S</td>
<td>1969.0000</td>
<td>D $51.2240 (1)</td>
<td>3500.0000</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>Common Stock</td>
<td>9/10/2013</td>
<td>F</td>
<td>2671.0000</td>
<td>D $0 (2)</td>
<td>829.0000</td>
<td>D</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>1. Title of Derivative Security (Instr. 3)</th>
<th>2. Conversion or Exercise Price of Derivative Security</th>
<th>3. Trans. Date</th>
<th>3A. Deemed Execution Date, if any</th>
<th>4. Trans. Code (Instr. 8)</th>
<th>5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)</th>
<th>6. Date Exercisable and Expiration Date</th>
<th>7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)</th>
<th>8. Price of Derivative Security (Instr. 5)</th>
<th>9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)</th>
<th>10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>11. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock Options (Right to Buy)</td>
<td>$46.7600</td>
<td>9/10/2013</td>
<td>M</td>
<td>2800.0000</td>
<td>1/1/2005 (3)</td>
<td>2/12/2014</td>
<td>Common Stock 2800.0000 $46.7600 0.0000 D</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Explanation of Responses:

(1) 1,969 shares were sold at prices ranging from $51.22 to $51.24 per share. Full information regarding the number of shares sold at each separate price will be provided upon request.

(2) 2,671 shares were sold on September 10, 2013 to cover the cost of this exercise at prices ranging from $51.0792 to $51.12 per share. Full information regarding the number of shares sold at each separate price will be provided upon request.

(3) The option vests over five years in 20% increments each year on December 31 following the grant date.

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bass Stanley G</td>
<td></td>
</tr>
<tr>
<td>1200 URBAN CENTER DRIVE</td>
<td>Sr VP - Central Region</td>
</tr>
</tbody>
</table>
BIRMINGHAM, AL 35242

Signatures
Amy M. Tucker, Attorney-in-Fact

** Signature of Reporting Person
9/12/2013

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.

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