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 or  
Section 30(h) of the Investment Company Act of 1940  

1. Name and Address of Reporting Person  
Bass Stanley G  
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)  
2/9/2018  

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)  
Chief Growth Officer  

6. Ownership Form:  
Direct (D) or Indirect (I) (Instr. 4)  

7. Nature of Indirect Beneficial Ownership (Instr. 4)  

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned  

<table>
<thead>
<tr>
<th>Title of Security (Instr. 3)</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>Performance Share Units</td>
<td>2/9/2018</td>
<td>M</td>
<td>7000.00</td>
<td>12/31/2017</td>
<td>Common Stock</td>
<td>7000.00</td>
<td>D</td>
</tr>
<tr>
<td>Phantom Stock</td>
<td>2/9/2018</td>
<td>M</td>
<td>10798.00</td>
<td></td>
<td>Common Stock</td>
<td>10798.00</td>
<td>D</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 Derivate 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>Performance Share Units</td>
<td></td>
<td>2/9/2018</td>
<td>M</td>
<td>7000.00</td>
<td>12/31/2017</td>
<td>Common Stock</td>
<td>7000.00</td>
<td>D</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phantom Stock (Deferred Comp DSUs/PSUs)</td>
<td></td>
<td>2/9/2018</td>
<td>M</td>
<td>10798.00</td>
<td></td>
<td>Common Stock</td>
<td>10798.00</td>
<td>D</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Explanation of Responses:  
(1) Each performance unit is settled 100% in Vulcan common stock after deducting the amount of taxes due on a payment date determined by the Compensation Committee. Performance Share Units vest at December 31 following a four-year award period. At the end of the award period, the Compensation Committee determines the payment amount based on pre-established performance criteria.  
(2) Convertible on a 1-for-1 basis.  
(3) Each performance unit is settled 100% in Vulcan common stock after deducting the amount of taxes due.  
(4) The units are to be settled in Vulcan Materials Company common stock the year following the year of retirement of the reporting person.  

Reporting Owners  

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bass Stanley G</td>
<td>Chief Growth Officer</td>
</tr>
</tbody>
</table>

Signatures  

C. Samuel Todd, Attorney-in-Fact 2/13/2018  
**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.
POWER OF ATTORNEY

STATE OF ALABAMA
COUNTY OF JEFFERSON

The undersigned director, officer and/or shareholder of Vulcan Materials Company, a New Jersey corporation, hereby nominates, constitutes and appoints Michael R. Mills, Jerry F. Perkins Jr., and C. Samuel Todd, or any of them, the true and lawful attorneys of the undersigned to prepare, based on information provided by the undersigned, and sign the name of the undersigned to (1) any Form 3 required to be filed with the Securities and Exchange Commission (the "SEC") under the Securities and Exchange Act of 1934, as amended (the "Exchange Act"), for and on behalf of the undersigned and any and all amendments to said report; (2) any Form 4 required to be filed with the SEC under the Exchange Act, for and on behalf of the undersigned and any and all amendments to said reports; and (3) any Form 5 to be filed with the SEC under the Exchange Act, for and on behalf of the undersigned and any and all amendments to said reports.

The undersigned hereby grants to said attorneys full power of substitution, resubstitution and revocation, all as fully as the undersigned could do if personally present, hereby ratifying all that said attorneys or their substitutes may lawfully do by virtue hereof.

This Power of Attorney shall be effective for so long as the undersigned remains subject to the provisions of Section 16 of the Exchange Act, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys.

IN WITNESS WHEREOF, the undersigned has executed this Power of Attorney this 23rd day of October, 2017.

/s/Stanley G. Bass

Stanley G. Bass