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
McPherson John R
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)
2/23/2018

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

5. Relationship of Reporting Person(s) to Issuer
___ Director
___ 10% Owner
___ Officer (give title below)
___ Other (specify below)

Exec VP & CF & Strategy

X Form filed by One Reporting Person
X 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>Amount (A)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>2/23/2018</td>
<td>A</td>
<td>52610.00</td>
<td>D</td>
</tr>
<tr>
<td>Common Stock (401k)</td>
<td>2/23/2018</td>
<td>A</td>
<td>8116.74</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>Title of Derivative Security</th>
<th>Trans. Date</th>
<th>Trans. Code</th>
<th>Deemed Execution Date, if any</th>
<th>Amount of Securities Beneficially Owned Following Reported Transaction(s)</th>
<th>Price of Derivative Security</th>
<th>Number of derivative Securities Beneficially Owned Following Reported Transaction(s)</th>
<th>Nature of Indirect Beneficial Ownership of Derivative Security</th>
</tr>
</thead>
<tbody>
<tr>
<td>Performance Share Units</td>
<td>2/23/2018</td>
<td>A</td>
<td>14000.00</td>
<td>14000.00</td>
<td>$0.00</td>
<td>14000.00</td>
<td>D</td>
</tr>
<tr>
<td>Stock Appreciation Right</td>
<td>2/23/2018</td>
<td>A</td>
<td>14000.00</td>
<td>14000.00</td>
<td>$0.00</td>
<td>14000.00</td>
<td>D</td>
</tr>
</tbody>
</table>

Explanation of Responses:

(1) Performance Share Units vest on December 31 at the end of the Performance Period. The Performance Period for this award begins on January 1, 2018 and ends on December 31, 2020. At the end of the Performance Period, the Compensation Committee determines the payment amount based on Company performance relative to the S&P 500 Index, of which the Company is a member. The payment is made 100% in stock on a payment date determined by the Compensation Committee.

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>McPherson John R</td>
<td>Director</td>
</tr>
<tr>
<td></td>
<td>10% Owner</td>
</tr>
<tr>
<td></td>
<td>Officer</td>
</tr>
<tr>
<td></td>
<td>Exec VP &amp; CF &amp; Strategy</td>
</tr>
</tbody>
</table>

Signatures

C. Samuel Todd, Attorney-in-Fact 2/27/2018

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.