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
QUIRK KATHLEEN L
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)
5/11/2018

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
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>Trans. Date</th>
<th>Trans. Code</th>
<th>Deemed Execution Date, if any</th>
<th>Securities Acquired (A) or Disposed of (D)</th>
<th>Amount of Securities Beneficially Owned Following Reported Transaction(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deferred Stock Units</td>
<td>5/11/2018</td>
<td>Code: V</td>
<td>(A) or (D)</td>
<td>1180.00</td>
<td>D</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Title of Derivate 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 and Expiration Date</th>
<th>Title of Securities Underlying Derivative Security (Instr. 3 and 4)</th>
<th>Amount of Securities Beneficially Owned Following Reported Transaction(s) (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. 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>
<tbody>
<tr>
<td>Deferred Stock Units</td>
<td></td>
<td>5/11/2018</td>
<td>Code: A</td>
<td>1180.00</td>
<td>D</td>
<td>Common Stock</td>
<td>1180.00</td>
<td>D</td>
<td>1180.00</td>
<td>D</td>
<td>Direct</td>
<td></td>
</tr>
</tbody>
</table>

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 2016 Omnibus Long-Term Incentive Plan.
3. Deferred Stock Units are fully vested as of the grant date. Vested shares will be delivered to the reporting person in the month of April 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.

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>QUIRK KATHLEEN L</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

/s/ C. Samuel Todd, Attorney-in-Fact 5/15/2018  
** 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.
POWER OF ATTORNEY

STATE OF Arizona
COUNTY OF Maricopa

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 18th day of October, 2017.

/s/ Kathleen L. Quirk