FORM 4
[ ] Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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)
6/7/2018

4. If Amendment, Date Original Filed

5. Relationship of Reporting Person(s) to Issuer
(Check all applicable)
_____ Director
_____ 10% Owner
__ X Officer (give title below)
_____ Other (specify below)
Exec VP & CF & Strategy

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>Amount (A) or (D)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>6/7/2018</td>
<td>M</td>
<td>50000.00</td>
<td>$29.05</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>102610.00</td>
</tr>
<tr>
<td>Common Stock</td>
<td>6/7/2018</td>
<td>F</td>
<td>28382.00</td>
<td>$130.23</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>74228.00</td>
</tr>
<tr>
<td>Common Stock</td>
<td>6/11/2018</td>
<td>S</td>
<td>21618.00</td>
<td>$130.37</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>52610.00</td>
</tr>
<tr>
<td>Common Stock (401k)</td>
<td>6/11/2018</td>
<td></td>
<td></td>
<td>9528.12</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</th>
<th>Conversion or Exercise Date</th>
<th>Trans. Code</th>
<th>Amount (A) or (D)</th>
<th>Date Exercisable</th>
<th>Expiration Date</th>
<th>Title</th>
<th>Amount or Number of Shares</th>
<th>Price of Derivative Security</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock Appreciation Right</td>
<td>6/7/2018</td>
<td>M</td>
<td>50000.00</td>
<td>11/9/2021</td>
<td>Common Stock</td>
<td>305600.00</td>
<td></td>
<td>$0.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

Explanation of Responses:
(1) The transactions reported were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on February 28, 2018.
(2) Represents shares sold (for tax-withholding purposes and to cover the cost of the options) pursuant to the exercise of Stock-Only Stock Appreciation Rights previously granted.
(3) Shares were sold on June 11, 2018 at prices ranging from $130.00 to $130.82 per share, with an average price of $130.37. Full information regarding the number of shares sold at each separate price will be provided upon request.
(4) SOSAR grant vested 40% on December 31, 2011. The remaining 60% vested 1/35th per month beginning on January 9, 2012 until November 9, 2014.

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>McPherson John R</td>
<td></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 6/11/2018

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 TEXAS

COUNTY OF DALLAS

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 1st day of November, 2017.

/s/ John R. McPherson

John R. McPherson