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 *  
Costello Michael R.  
1221 BROADWAY  
OAKLAND, CA 94612-1888

2. Issuer Name and Ticker or Trading Symbol  
CLOROX CO /DE/ [ CLX ]

3. Date of Earliest Transaction (MM/DD/YYYY)  
8/22/2019

5. Relationship of Reporting Person(s) to Issuer  
( Check all applicable)  
___ Director  
___ 10% Owner  
X Officer (give title below)  
__ Other (specify below)  
SVP - General Manager

6. Individual or Joint/Group Filing  
X Form filed by One Reporting Person

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>Common Stock</td>
<td>8/22/2019</td>
<td>A[2]</td>
<td>V</td>
<td>Amount (A) or (D)</td>
<td>Price</td>
<td></td>
<td>By 401(k)</td>
</tr>
<tr>
<td>Common Stock</td>
<td>8/22/2019</td>
<td>M</td>
<td>102.0000</td>
<td>1903.0000</td>
<td>29647.2808</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>Common Stock</td>
<td></td>
<td></td>
<td></td>
<td>1294.0000</td>
<td>1294.0420</td>
<td>I</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 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 Option (Right to Buy)</td>
<td></td>
<td>8/22/2019</td>
<td>M</td>
<td>102.0000</td>
<td>Date Exercisable 102.0000</td>
<td>9/17/2014</td>
<td>Common Stock 102.0000</td>
<td>0.0000</td>
<td>14459.0000</td>
<td>D</td>
<td></td>
</tr>
</tbody>
</table>

Explanation of Responses:

(1) Settlement of 2016 Performance Unit Grant that vested 8/22/2019.

(2) Withholding of stock to pay tax liability under the Company's Stock Withholding Arrangement.

Reporting Owners

Reporting Owner Name / Address  
Costello Michael R.  
1221 BROADWAY  
OAKLAND, CA 94612-1888  
SVP - General Manager

Signatures

By Angela Hilt, Attorney-in-Fact for  
8/26/2019

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.

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