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)

8/16/2018

4. If Amendment, Date Original Filed

5. Relationship of Reporting Person(s) to Issuer

(____) Director  (___) 10% Owner  (X) Officer (give title below)  (___) Other (specify below)

SVP - General Manager

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>Amount of Securities Acquired (A) or Disposed of (D)</th>
<th>Price</th>
<th>Amount of Securities Beneficially Owned Following Reported Transaction(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>8/16/2018</td>
<td>A (1)</td>
<td></td>
<td>3030.0000 A</td>
<td>$146.7700</td>
<td>28058.2808 D</td>
</tr>
<tr>
<td>Common Stock</td>
<td>8/16/2018</td>
<td>F (2)</td>
<td></td>
<td>950.0000 D</td>
<td>$146.7700</td>
<td>27108.2808 D</td>
</tr>
<tr>
<td>Common Stock</td>
<td>8/18/2018</td>
<td>F (3)</td>
<td></td>
<td>179.0000 D</td>
<td>$147.5300</td>
<td>26982.2808 D</td>
</tr>
<tr>
<td>Common Stock</td>
<td></td>
<td></td>
<td></td>
<td>1294.0420 (4)</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</th>
<th>Trans. Date</th>
<th>Trans. Code</th>
<th>Deemed Execution Date, if any</th>
<th>Amount of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3 and 4)</th>
<th>Date Exercisable</th>
<th>Expiration Date</th>
<th>Title</th>
<th>Amount or Number of Shares</th>
</tr>
</thead>
</table>

Explanation of Responses:

(1) Settlement of 2015 Performance Unit Grant that vested 8/16/2018.
(2) Withholding of stock to pay tax liability under the Company's Stock Withholding Arrangement.
(3) Withholding of shares by the Company to satisfy certain tax obligations applicable to the payout of Common Stock underlying settlement of 2011 Performance Unit Grant that vested on 8/18/2014, which the reporting person had elected to defer pursuant to the 2005 Stock Incentive Plan.
(4) Includes 53 shares acquired pursuant to a dividend reinvestment feature of the Company's Stock Incentive Plan.
(5) Includes 34.2580 shares acquired during the fiscal year pursuant to the Company's 401(k) Plan.

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>Costello Michael R.</td>
<td>Director</td>
</tr>
<tr>
<td>1221 BROADWAY</td>
<td>10% Owner</td>
</tr>
<tr>
<td>OAKLAND, CA 94612-1888</td>
<td>Officer</td>
</tr>
<tr>
<td></td>
<td>SVP - General Manager</td>
</tr>
</tbody>
</table>

Signatures

By Angela Hilt, Attorney-in-Fact for 8/20/2018

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.