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
   Dorer Benno O  
   1221 BROADWAY  
   OAKLAND, CA 94612-1888

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

5. Relationship of Reporting Person(s) to Issuer
   __X__ Director  
   __X__ Officer (give title below)  
   Chairman & CEO

4. If Amendment, Date Original Filed
   11/1/2017

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

<table>
<thead>
<tr>
<th>Title of Security</th>
<th>Trans. Date</th>
<th>Deemed Execution Date, if any</th>
<th>Trans. Code</th>
<th>Amount of Securities Acquired/Disposed</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>11/1/2017</td>
<td></td>
<td>A</td>
<td>24303.0000 A</td>
<td>$128.0200</td>
</tr>
<tr>
<td>Common Stock</td>
<td>11/1/2017</td>
<td></td>
<td>F</td>
<td>570.0000 D</td>
<td>$128.0200</td>
</tr>
<tr>
<td>Common Stock</td>
<td></td>
<td></td>
<td></td>
<td>8.0000 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 Derivate Security</th>
<th>Trans. Date</th>
<th>Deemed Execution Date, if any</th>
<th>Trans. Code</th>
<th>Number of Derivative Securities Acquired/Disposed</th>
<th>Exercisable Expiration Date</th>
<th>Title of Derivative Security</th>
<th>Amount or Number of Shares</th>
<th>Ownership Form of Derivative Security</th>
<th>Nature of Indirect Beneficial Ownership</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

Explanation of Responses:

(1) Settlement of November 2014 Performance Unit Grant that vested 11/01/2017, which the reporting person has elected to defer pursuant to the 2005 Stock Incentive Plan.

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

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dorer Benno O 1221 BROADWAY OAKLAND, CA 94612-1888</td>
<td>X Chairman &amp; CEO</td>
</tr>
</tbody>
</table>

Signatures

By Angela Hilt, Attorney-in-Fact for  
11/8/2017  
** 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