**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 *  
STEIN LAURA  
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)  
8/17/2017

4. If Amendment, Date Original Filed (MM/DD/YYYY)  

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

EVP - General Counsel

6. Individual or Joint/Group Filing (Check Applicable Line)  
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 of Securities Acquired (A) or Disposed of (D)</th>
<th>Amount of Securities Beneficially Owned Following Reported Transaction(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>8/17/2017</td>
<td>A</td>
<td>7129.0000 (1)</td>
<td>$137.1700 57698.0000 (2)</td>
</tr>
<tr>
<td>Common Stock</td>
<td>8/17/2017</td>
<td>F</td>
<td>166.0000</td>
<td>$137.1700 57532.0000</td>
</tr>
</tbody>
</table>

**Table II - Derivative Securities Beneficially Owned**

<table>
<thead>
<tr>
<th>Title of Derivate Security</th>
<th>Conversion or Exercise Price of Derivative Security</th>
<th>Trans. Date</th>
<th>Trans. Code</th>
<th>Number of Derivative Securities Acquired (A) or Disposed of (D)</th>
<th>Date Exercisable and Expiration Date</th>
<th>Title and Amount of Securities Underlying Derivative Security</th>
<th>Price of Derivative Security</th>
<th>Number of derivative Securities Beneficially Owned Following Reported Transaction(s)</th>
<th>Ownership Form of Derivative Security: Direct (D) or Indirect (I)</th>
<th>Nature of Indirect Beneficial Ownership</th>
</tr>
</thead>
<tbody>
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</table>

**Explanation of Responses:**

(1) Settlement of 2014 Performance Unit Grant that vested 8/17/2017, 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>STEIN LAURA 1221 BROADWAY</td>
<td>EVP - General Counsel</td>
</tr>
<tr>
<td>OAKLAND, CA 94612-1888</td>
<td></td>
</tr>
</tbody>
</table>

**Signatures**

By Cheryl Brice, Attorney-in-Fact for  
8/21/2017

**Signature of Reporting Person**

Date

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.