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

2. Issuer Name and Ticker or Trading Symbol

CLOROX CO /DE/ [ CLX ]

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

8/18/2014

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

5. Relationship of Reporting Person(s) to Issuer (Check all applicable)

_____ Director

_____ 10% Owner

X __ Officer (give title below)

____ Other (specify below)

SVP - General Counsel

1221 BROADWAY

OAKLAND, CA 94612-1888

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</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>8/18/2014</td>
<td>A</td>
<td>5747.0000</td>
<td>$88.9300</td>
</tr>
<tr>
<td>Common Stock</td>
<td>8/18/2014</td>
<td>F</td>
<td>2160.0000</td>
<td>$88.9300</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 Price of Derivative Security</th>
<th>Trans. Date</th>
<th>Trans. Code</th>
<th>Number of Derivative Securities Acquired or Disposed of (Instr. 3, 4 and 5)</th>
<th>Date Exercisable and Expiration Date</th>
<th>Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)</th>
<th>Price of Derivative Security (Instr. 5)</th>
</tr>
</thead>
</table>

Explanation of Responses:

(1) Settlement of 2011 Performance Unit Grant that vested 8/18/2014.

(2) Withholding of stock to pay tax liability 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</td>
<td></td>
</tr>
<tr>
<td>1221 BROADWAY</td>
<td></td>
</tr>
<tr>
<td>OAKLAND, CA 94612-1888</td>
<td>SVP - General Counsel</td>
</tr>
</tbody>
</table>

Signatures

By Angela Hill, Attorney-in-Fact for 8/20/2014

** 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.