STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(f) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *
   Robb Stephen
   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)
   8/20/2012

4. If Amendment, Date Original Filed

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

6. Individual or Joint/Group Filing (Check Applicable Line)
   _ 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 (Instr. 8)</th>
<th>Amount (A) or (D)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>8/20/2012</td>
<td>A (1)</td>
<td>2098.0000</td>
<td>$72.3100</td>
</tr>
<tr>
<td>Common Stock</td>
<td>8/20/2012</td>
<td>F (2)</td>
<td>770.0000</td>
<td>$72.3100</td>
</tr>
<tr>
<td>Common Stock</td>
<td></td>
<td></td>
<td>3339.0000</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>Conversion or Exercise Price of Derivative Security</th>
<th>Trans. Date</th>
<th>Trans. Code (Instr. 8)</th>
<th>Number of Derivative Securities Acquired or Disposed of (A) or (D) (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>
<th>Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)</th>
<th>Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>8/20/2012</td>
<td>A (1)</td>
<td>2098.0000</td>
<td></td>
<td>8/20/2012</td>
<td></td>
<td>2098.0000</td>
<td></td>
<td>D</td>
<td></td>
</tr>
</tbody>
</table>

Explanation of Responses:

(1) Settlement of 2009 Performance Unit Grant, which vested 8/20/12.
(2) Withholding of stock to pay tax liability under the Company's Stock Withholding Arrangement.

Reporting Owners

Reporting Owner Name / Address  Relationships

Robb Stephen 1221 BROADWAY OAKLAND, CA 94612-1888  SVP - Chief Financial Officer

Signatures

By Angela Hilt, Attorney-in-Fact for  8/22/2012

** 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.