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 *
   KANE JACQUELINE P
   (Last) (First) (Middle)
   1221 BROADWAY
   (Street)
   OAKLAND, CA 94612-1888
   (City) (State) (Zip)

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

3. Date of Earliest Transaction (MM/DD/YYYY)
   8/18/2014

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

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

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

<table>
<thead>
<tr>
<th>Title of Security</th>
<th>2. Trans. Date</th>
<th>2A. Deemed Execution Date, if any</th>
<th>3. Trans. Code (Instr. 8)</th>
<th>4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)</th>
<th>5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)</th>
<th>6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>7. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>7/29/2014</td>
<td>J (1) V</td>
<td></td>
<td>2702.0000 (A)</td>
<td>0.0000</td>
<td>D</td>
<td>Direct</td>
</tr>
<tr>
<td>Common Stock</td>
<td>8/18/2014</td>
<td>A (2)</td>
<td></td>
<td>5747.0000 (A)</td>
<td>$88.9300</td>
<td>D</td>
<td>Direct</td>
</tr>
<tr>
<td>Common Stock</td>
<td>8/18/2014</td>
<td>F (3)</td>
<td></td>
<td>2160.0000 (D)</td>
<td>$88.9300</td>
<td>D</td>
<td>Direct</td>
</tr>
<tr>
<td>Common Stock</td>
<td>7/29/2014</td>
<td>J (1) V</td>
<td></td>
<td>2702.0000 (A)</td>
<td>0.0000</td>
<td>D</td>
<td>By Trust</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>2. Conversion or Exercise Price of Derivative Security</th>
<th>3. Trans. Date</th>
<th>3A. Deemed Execution Date, if any</th>
<th>4. Trans. Code (Instr. 8)</th>
<th>5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)</th>
<th>6. Date Exercisable and Expiration Date</th>
<th>7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)</th>
<th>8. Price of Derivative Security (Instr. 5)</th>
<th>9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4 and 5)</th>
<th>10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>11. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>--------------------------------------------------------</td>
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</tbody>
</table>

Explanation of Responses:

(1) Transfer holdings to family trust.
(2) Settlement of 2011 Performance Unit Grant that vested 8/18/2014.
(3) Withholding of stock to pay tax liability under the Company's Stock Withholding Arrangement.
(4) Includes 250 shares acquired pursuant to a dividend reinvestment feature of the Company's Stock Incentive Plan.
(5) Includes 28.5241 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>KANE JACQUELINE P</td>
<td>Director</td>
</tr>
<tr>
<td>1221 BROADWAY</td>
<td>10% Owner</td>
</tr>
<tr>
<td></td>
<td>Officer</td>
</tr>
<tr>
<td></td>
<td>Other</td>
</tr>
<tr>
<td></td>
<td>SVP- HR &amp; Corporate Affairs</td>
</tr>
</tbody>
</table>
Signatures
By Angela Hilt, Attorney-in-Fact for 8/20/2014
** 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.