1. Name and Address of Reporting Person -
KANE JACQUELINE P
( Last) (First) (Middle) 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
(Check all applicable)
_____ Director
_____ 10% Owner
X ___ Officer (give title below) _____ Other (specify below)
EVP- HR & Corporate Affairs

3. Date of Earliest Transaction (MM/DD/YYYY)
9/15/2015

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>Deemed Execution Date, if any</th>
<th>Secs. Acquired or Disposed of (A) or (D)</th>
<th>Amount</th>
<th>Price</th>
<th>Beneficially Owned Following Reported Transaction(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>9/17/2015</td>
<td>V (1)</td>
<td></td>
<td>50,270,000</td>
<td>D</td>
<td>$115,000</td>
<td>275,730,000</td>
</tr>
<tr>
<td>Common Stock</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Common Stock</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></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</th>
<th>Deemed Execution Date, if any</th>
<th>Number of Derivative Securities Acquired (A) or Disposed of (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. 3 and 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>Stock Option (Right to Buy)</td>
<td>$111.6000</td>
<td>9/15/2015</td>
<td>A (2)</td>
<td></td>
<td>30,420,000</td>
<td>9/15/2016 9/15/2025</td>
<td>Common Stock 30,420,000 0.0000 30,420,000</td>
<td>D</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Explanation of Responses:
(1) Transaction executed pursuant to a pre-planned trading program adopted by reporting person on August 17, 2015, in accordance with Rule 10b5-1 of the Securities Exchange Act of 1934.
(2) Option vests in 4 equal installments - 1/4 on each of the first, second, third and fourth anniversaries of the grant date.

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>KANE JACQUELINE P</td>
<td>EVP- HR &amp; Corporate Affairs</td>
</tr>
<tr>
<td>1221 BROADWAY</td>
<td></td>
</tr>
<tr>
<td>OAKLAND, CA 94612-1888</td>
<td></td>
</tr>
</tbody>
</table>

Signatures

By Angela Hilt, Attorney-in-Fact for 9/17/2015

** 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.