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

Reynolds Eric H
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)

10/1/2015

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 Marketing Officer

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

<table>
<thead>
<tr>
<th>Title of Security</th>
<th>Trans. Date</th>
<th>Deemed Execution Date, if any</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>
<th>Ownership Form: Direct (D) or Indirect (I)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>10/1/2015</td>
<td>F</td>
<td>(1)</td>
<td>99.0000</td>
<td>3243.0000</td>
<td>D</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</th>
<th>Conversion or Exercise Price of Derivative Security</th>
<th>Trans. Date</th>
<th>Deemed Execution Date, if any</th>
<th>Code</th>
<th>V</th>
<th>Amount of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 4 and 5)</th>
<th>Date Exercisable</th>
<th>Date Expiration</th>
<th>Title</th>
<th>Amount or Number of Shares Underlying Derivative Security (Instr. 3 and 4)</th>
<th>Price of Derivative Security (Instr. 5)</th>
<th>Ownership Form of Derivative Security Beneficially Owned Following Reported Transaction(s) (Instr. 6)</th>
<th>Ownership Form of Derivative Security Beneficially Owned (Instr. 10)</th>
<th>Nature of Indirect Beneficial Ownership (Instr. 11)</th>
</tr>
</thead>
</table>

Explanation of Responses:

(1) Withholding of shares by the Company to satisfy tax obligations applicable to vesting of restricted stock.

(2) Includes 90 shares acquired pursuant to a dividend reinvestment feature of the Company's Stock Incentive Plan.

Reportings Owners

Reynolds Eric H
1221 BROADWAY
OAKLAND, CA 94612-1888

SVP-Chief Marketing Officer

Signatures

By Angela Hilt, Attorney-in-Fact for

10/2/2015

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.