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)

9/13/2016

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

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5. Relationship of Reporting Person(s) to Issuer

_____ Director

_____ 10% Owner

X Officer (give title below)

SVP-Chief Marketing Officer

6. Individual or Joint/Group Filing

X Form filed by One Reporting Person

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

<table>
<thead>
<tr>
<th>Title of Security (Instr. 3)</th>
<th>Trans. Date</th>
<th>Trans. Code</th>
<th>Deemed Execution Date, if any</th>
<th>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) (Instr. 4)</th>
<th>Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock Option (Right to Buy)</td>
<td>9/13/2016</td>
<td>A</td>
<td>15470.0000</td>
<td>Common Stock</td>
<td>15470.0000</td>
<td>D</td>
<td>V</td>
</tr>
</tbody>
</table>

Explanation of Responses:

(1) Option vests in 4 equal installments - 1/4 on each of the first, second, third and fourth anniversaries of the grant date.

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>Exercisable (A) or (D)</th>
<th>Price of Derivative Security</th>
<th>Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)</th>
<th>Ownership Form: 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>$123.0900</td>
<td>9/13/2016</td>
<td>A</td>
<td>15470.0000</td>
<td>Common Stock</td>
<td>15470.0000</td>
<td>$0.0000</td>
<td>15470.0000</td>
<td>D</td>
<td>V</td>
</tr>
</tbody>
</table>

Reporting Owners

Reynolds Eric H

1221 BROADWAY

OAKLAND, CA 94612-1888

Signatures

By Angela Hilt, Attorney-in-Fact for

9/15/2016

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.