UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

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

Balousek Jon M
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)

8/29/2016

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


5. Individual or Joint/Group Filing

X Form filed by One Reporting Person

X 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>2. Trans. Date</th>
<th>4. Securities Acquired (A) or Disposed of (D)</th>
<th>5. Amount of Securities Beneficially Owned Following Reported Transaction(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>8/29/2016</td>
<td>M $5123.0000 (A) $74,090.00</td>
<td>15384.0000</td>
</tr>
<tr>
<td>Common Stock</td>
<td>8/29/2016</td>
<td>S $536.0000 (D) $131,136.50</td>
<td>10248.0000</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>2. Conversion or Exercise Price of Derivative Security</th>
<th>3. Trans. Date</th>
<th>5. Number of Derivative Securities Acquired (A) or Disposed of (D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock Option (Right to Buy)</td>
<td>$74,0900</td>
<td>8/29/2016</td>
<td>M $5123.0000 (A)</td>
</tr>
</tbody>
</table>

Explanation of Responses:

1. This transaction was executed in multiple trades at prices ranging from $131.10 to $131.17. The price reported above reflects the weighted average sale price.

2. Includes 75 shares acquired pursuant to a dividend reinvestment feature of the Company's Stock Incentive Plan.

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>Balousek Jon M</td>
<td>Director 10% Owner SVP - GM, Specialty Div</td>
</tr>
<tr>
<td>1221 BROADWAY</td>
<td>Officer</td>
</tr>
<tr>
<td>OAKLAND, CA 94612-1888</td>
<td>Other</td>
</tr>
</tbody>
</table>

Signatures

By Angela Hilt, Attorney-in-Fact for
8/31/2016

** 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.