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
Willoughby Dawn C
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)
11/4/2015

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

5. Relationship of Reporting Person(s) to Issuer
( Check all applicable)
___ Director ___ 10% Owner
___ 10% Owner ___ 10% Owner
__ X ___ Officer (give title below) ___ Other (specify below)
EVP-COO - Cleaning, Int’nl

6. Individual or Joint/Group Filing
( Check Applicable Line)
_- _ Form filed by More than One Reporting Person
_X___ Form filed by One Reporting Person

--- 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>Trans. Date</th>
<th>Trans. Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>11/4/2015</td>
<td>M</td>
<td>16200.0000</td>
<td>A</td>
</tr>
<tr>
<td>Common Stock</td>
<td>11/4/2015</td>
<td>M</td>
<td>14830.0000</td>
<td>A</td>
</tr>
<tr>
<td>Common Stock</td>
<td>11/4/2015</td>
<td>S</td>
<td>29349.0000</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 (Instr. 3)</th>
<th>Conversion or Exercise Price of Derivative Security</th>
<th>Trans. Date</th>
<th>Trans. Date</th>
<th>Trans. Code (Instr. 8)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock Option (Right to Buy)</td>
<td>$68.1500</td>
<td>11/4/2015</td>
<td>M</td>
<td>16200.0000</td>
</tr>
<tr>
<td>Stock Option (Right to Buy)</td>
<td>$66.4800</td>
<td>11/4/2015</td>
<td>M</td>
<td>14830.0000</td>
</tr>
</tbody>
</table>

Explanation of Responses:
( This transaction was executed in multiple trades at prices ranging from $124.00 to 124.28. The price reported above reflects the weighted average sale price.
1) The reporting person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer full information regarding the number of shares and prices at which the transaction was effected.

Reporting Owners

Reporting Owner Name / Address: Willoughby Dawn C
1221 BROADWAY
OAKLAND, CA 94612-1888

Relationships: EVP-COO - Cleaning, Int’nl

Signatures
By Angela Hilt, Attorney-in-Fact for

** Signature of Reporting Person

Date: 11/6/2015

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.