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)  
3/23/2015

4. Individual or Joint/Group Filing  
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>Code</th>
<th>Amount</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>3/23/2015</td>
<td>M (1)</td>
<td>6500.000</td>
<td>$63.9500</td>
</tr>
<tr>
<td>Common Stock</td>
<td>3/23/2015</td>
<td>S (1)</td>
<td>5440.000</td>
<td>$112.0000</td>
</tr>
<tr>
<td>Common Stock</td>
<td></td>
<td></td>
<td>4865.000</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</th>
<th>Conversion or Exercise Price of Derivative Security</th>
<th>Trans. Date</th>
<th>Code</th>
<th>Amount</th>
<th>Exercisable Date</th>
<th>Expiration Date</th>
<th>Title</th>
<th>Amount or Number of Shares</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock Option (Right to Buy)</td>
<td>$63.9500</td>
<td>3/23/2015</td>
<td>M</td>
<td>6500.000</td>
<td>9/16/2009</td>
<td>9/16/2018</td>
<td>Common Stock</td>
<td>6500.000</td>
</tr>
</tbody>
</table>

Explanation of Responses:
(1) Transaction executed pursuant to a pre-planned trading program adopted by reporting person on February 20, 2015, in accordance with Rule 10b5-1 of the Securities Exchange Act of 1934.

Reporting Owners

Willoughby Dawn C  
1221 BROADWAY  
OAKLAND, CA 94612-1888

Signatures

By Cheryl Brice, Attorney-in-Fact for  
3/25/2015  
** 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.