FORM 4

UNIVERSITUS 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, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(f) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *
Costello Michael R.
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)
8/16/2011

4. If Amendment, Date Original Filed

5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
_____ Director
___ 10% Owner
__ Officer (give title below)
_____ Other (specify below)

VP - GM, International

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>
<th>Ownership Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>8/16/2011</td>
<td>A</td>
<td>3332.00000</td>
<td>$68.99</td>
<td>D</td>
</tr>
<tr>
<td>Common Stock</td>
<td>8/16/2011</td>
<td>F</td>
<td>665.0000</td>
<td>$68.99</td>
<td>D</td>
</tr>
<tr>
<td>Common Stock</td>
<td></td>
<td></td>
<td>1139.0796</td>
<td></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 Derivate 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>Amount</th>
<th>Date Exercisable</th>
<th>Expiration Date</th>
<th>Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)</th>
<th>Price of Derivative Security Beneficially Owned Following Reported Transaction(s) (Instr. 5)</th>
<th>Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 6)</th>
<th>Ownership Form of Derivative Security Beneficially Owned (Instr. 7)</th>
<th>Nature of Indirect Beneficial Ownership (Instr. 8)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Explanation of Responses:
(1) Settlement of 2008 Performance Unit Grant that vested 8/16/11, a portion of which the reporting person has elected to defer.
(2) Withholding of stock to pay tax liability under the Company's Stock Withholding Arrangement.

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>Costello Michael R.</td>
<td>Director, 10% Owner, Officer, Other</td>
</tr>
<tr>
<td>1221 BROADWAY</td>
<td>VP - GM, International</td>
</tr>
</tbody>
</table>

Signatures
By Angela Hilt, Attorney-in-Fact 8/18/2011
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.