**FORM 4**

[ ] Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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**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 *
   
   FRIEDMAN TULLY 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)
   
   5/31/2012

4. If Amendment, Date Original Filed (MM/DD/YYYY)
   
   8/20/2012

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

6. Individual or Joint/Group Filing (Check Applicable Line)
   
   _X_ Form filed by One Reporting Person

   ___ Form filed by More than 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</th>
<th>Trans. Date</th>
<th>Deemed Execution Date, if any</th>
<th>Trans. Code</th>
<th>Securities Acquired (A) or Disposed of (D)</th>
<th>Amount</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>5/31/2012</td>
<td>M</td>
<td>2000.0000</td>
<td>A</td>
<td>$41.3500</td>
<td>22105.0000</td>
</tr>
<tr>
<td>Common Stock</td>
<td>5/31/2012</td>
<td>S</td>
<td>2000.0000</td>
<td>D</td>
<td>$68.9495</td>
<td>20105.0000</td>
</tr>
<tr>
<td>Common Stock</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>8200.0000</td>
<td>I</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>Deemed Execution Date, if any</th>
<th>Trans. Code</th>
<th>Securities Acquired (A) or Disposed of (D)</th>
<th>Amount or Number of Shares</th>
<th>Date Exercisable</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>$41.3500</td>
<td>5/31/2012</td>
<td>M</td>
<td>2000.0000</td>
<td></td>
<td>2000.0000</td>
<td>7/1/2004</td>
<td>7/1/2012</td>
<td>Common Stock</td>
<td>2000.0000</td>
</tr>
</tbody>
</table>

**Explanation of Responses:**

(1) This transaction was executed in multiple trades at prices ranging from $68.94 to $68.98. The price reported above reflects the weighted average sale price. 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**

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRIEDMAN TULLY M</td>
<td>X</td>
</tr>
<tr>
<td>1221 BROADWAY</td>
<td></td>
</tr>
<tr>
<td>OAKLAND, CA 94612-1888</td>
<td></td>
</tr>
</tbody>
</table>
Signatures


** 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.