**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 *  

   **TATASEO FRANK A**  
   **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)  

   **8/18/2010**

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

5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  

   - Director  
   - 10% Owner  
   - Officer (give title below)  
   - Other (specify below)

   **EVP - Strategy & Growth**

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

<table>
<thead>
<tr>
<th>Title of Security</th>
<th>Date</th>
<th>Deemed Execution Date, if any</th>
<th>Trans. Code</th>
<th>Amount (A) or (D)</th>
<th>Price</th>
<th>Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>8/18/2010</td>
<td>A (1)</td>
<td>9156</td>
<td>A</td>
<td>$65.16</td>
<td>D</td>
</tr>
<tr>
<td>Common Stock</td>
<td>8/18/2010</td>
<td>F (2)</td>
<td>3359</td>
<td>D</td>
<td>$65.16</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</th>
<th>Conversion or Exercise Price of Derivative Security</th>
<th>Date</th>
<th>Exercisable Expiration Date</th>
<th>Code</th>
<th>(A)</th>
<th>(D)</th>
<th>Title</th>
<th>Amount or Number of Shares</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
</tbody>
</table>

**Explanation of Responses:**

(1) Settlement of 2007 Performance Unit Grant, which vested 8/18/10.

(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>
</table>
| **TATASEO FRANK A**  
   **1221 BROADWAY**  
   **OAKLAND, CA 94612-1888** | Director, 10% Owner, Officer, Other |

**Signatures**

**By Angela Hilt, Attorney-in-Fact for 8/20/2010**

[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.