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
   (Last) (First) (Middle)
   1221 BROADWAY
   (Street)
   OAKLAND, CA 94612-1888
   (City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
   CLOROX CO/DE/ [ CLX ]

3. Date of Earliest Transaction (MM/DD/YYYY)
   8/18/2009

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

5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
   _____ Director
   _____ 10% Owner
   _X_ 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>Trans. Date</th>
<th>Trans. Code</th>
<th>Amount of Securities Acquired (A) or Disposed of (D)</th>
<th>Amount</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>8/18/2009</td>
<td>A (1)</td>
<td>11850 V</td>
<td>A</td>
<td>$57.2</td>
</tr>
<tr>
<td>Common Stock</td>
<td>8/18/2009</td>
<td>F (2)</td>
<td>4237 D</td>
<td>D</td>
<td>$57.2</td>
</tr>
<tr>
<td>Common Stock</td>
<td>8/18/2009</td>
<td>J (3) V</td>
<td>7613 D</td>
<td>A</td>
<td>$0</td>
</tr>
<tr>
<td>Common Stock</td>
<td>8/18/2009</td>
<td>J (3) V</td>
<td>7613 D</td>
<td>A</td>
<td>$0</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>Trans. Code</th>
<th>Number of Derivative Securities Acquired (A) or Disposed of (D)</th>
<th>Date Exercisable and Expiration Date</th>
<th>Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)</th>
<th>Price of Derivative Security (Instr. 5)</th>
<th>Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)</th>
<th>Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
</table>

Explanation of Responses:
(1) Settlement of 2006 Performance Unit Grant, which vested 8/18/09.
(2) Withholding of stock to pay tax liability under the Company's Stock Withholding Arrangement.
(3) Transfer holdings to family Trust.

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>TATASEO FRANK A</td>
<td>Director</td>
</tr>
<tr>
<td>1221 BROADWAY</td>
<td>10% Owner</td>
</tr>
<tr>
<td>OAKLAND, CA 94612-1888</td>
<td>EVP - Strategy &amp; Growth</td>
</tr>
</tbody>
</table>

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