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 *
Thomas-Graham Pamela
1221 BROADWAY
OAKLAND, CA 946121888

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

3. Date of Earliest Transaction (MM/DD/YYYY)
12/29/2006

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

4. If Amendment, Date Original Filed

6. Individual or Joint/Group Filing (Check Applicable Line)
    _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 (A) or (D)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Title of Security (Instr. 3)</td>
<td>2. Trans. Date</td>
<td>2A. Deemed Execution Date, if any</td>
<td>3. Trans. Code (Instr. 4)</td>
<td>4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>12/29/2006</td>
<td>A</td>
<td>1268</td>
<td>Common Stock</td>
</tr>
</tbody>
</table>

Explaination of Responses:
( 1) 1-for-1
( 2) Annual award of Deferred Stock Units pursuant to the 2005 Stock Incentive Plan.
( 3) The Deferred Stock Units will be settled 100% in Clorox stock upon the reporting person's retirement or other termination of service as a Director.

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thomas-Graham Pamela</td>
<td>X</td>
</tr>
</tbody>
</table>

Signatures

By: By Angela Hilt, Attorney-in-Fact for 1/3/2007
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.