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 94612-1888

2. Issuer Name and Ticker or Trading Symbol

CLOROX CO/DE/ [ CLX ]

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

9/30/2010

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

__ X Director
___ 10% Owner
___ Officer (give title below)
___ Other (specify below)

5. Relationship of Reporting Person(s) to Issuer

(2) Common Stock
9/30/2010 A (1) 140.4284 A $66,7600 936,2484 D

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>2. Trans. Date</th>
<th>3A. Deemed Execution Date, if any</th>
<th>4. Trans. Code (Instr. 8)</th>
<th>5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)</th>
<th>6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>7. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>9/30/2010</td>
<td>V 140.4284 A</td>
<td></td>
<td>936,2484</td>
<td>D</td>
<td></td>
</tr>
</tbody>
</table>

Table II - Derivative Securities Beneficially Owned (e.g. , puts, calls, warrants, options, convertible securities)

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Deferred Stock Units</td>
<td>8/13/2010</td>
<td>A (3)</td>
<td></td>
<td>(4)</td>
<td>Common Stock</td>
<td>71.5600</td>
<td>$0.0000</td>
<td>$438,6960</td>
<td>D</td>
</tr>
</tbody>
</table>

Explanation of Responses:

(1) Receipt of Common Stock in lieu of portion of quarterly director's fee.

(2) 1-for-1

(3) Deferred Stock Units acquired through dividend reinvestment during the fiscal year pursuant to the Independent Directors' Deferred Compensation Plan.

(4) The Deferred Stock Units will be settled 100% in Clorox stock in connection with 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 1221 BROADWAY OAKLAND, CA 94612-1888</td>
<td>X Director10% OwnerOfficerOther</td>
</tr>
</tbody>
</table>
Signatures

By Angela Hilt, Attorney-in-Fact for 10/4/2010

** 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.