CLOROX CO /DE/

FORM 5
(Annual Statement of Changes in Beneficial Ownership)

Filed 8/14/2006 For Period Ending 6/30/2006

<table>
<thead>
<tr>
<th>Address</th>
<th>THE CLOROX COMPANY 1221 BROADWAY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>OAKLAND, California 94612-1888</td>
</tr>
<tr>
<td>Telephone</td>
<td>510-271-7000</td>
</tr>
<tr>
<td>CIK</td>
<td>0000021076</td>
</tr>
<tr>
<td>Industry</td>
<td>Personal &amp; Household Prods.</td>
</tr>
<tr>
<td>Sector</td>
<td>Consumer/Non-Cyclical</td>
</tr>
<tr>
<td>Fiscal Year</td>
<td>06/30</td>
</tr>
</tbody>
</table>
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 *

PEIROS LARRY

2. Issuer Name and Ticker or Trading Symbol

CLOROX CO /DE/ [CLX]

3. Statement for Issuer's Fiscal Year Ended

MM/DD/YYYY

6/30/2006

5. Relationship of Reporting Person(s) to Issuer

(Click all applicable)

_____ Director

_____ 10% Owner

X Officer (give title below)

_____ Other (specify below)

Group Vice President

4. If Amendment, Date Original Filed

MM/DD/YYYY

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>Date Trans.</th>
<th>Trans. Code</th>
<th>Securities Acquired or Disposed</th>
<th>Amount of Securities Beneficially Owned Following Reported Transaction(s)</th>
<th>Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>6/30/2006</td>
<td>J (1)</td>
<td>A 10.27</td>
<td>$0</td>
<td>I By ERIP</td>
<td></td>
</tr>
</tbody>
</table>

Common Stock

29423.00

D

Common Stock

22779.00

I By Trust

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

Explanation of Responses:

(1) Shares acquired during the fiscal year ended 6/30/06 pursuant to the Company's Employee Retirement Investment Plan/401(k).

Reporting Owners

Reporting Owner Name / Address | Relationships
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PEIROS LARRY</td>
<td>Director 10% Owner Officer Group Vice President</td>
</tr>
</tbody>
</table>

Signatures
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.