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*
   MURLEY JAN L
   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)
   8/11/2004

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)

6. Individual or Joint/Group Filing
   (Check Applicable Line)
   X   Form filed by One Reporting Person
   ___ Form filed by More than One Reporting Person

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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>2A. Deemed Execution Date, if any</th>
<th>3. Trans. Code (Instr. 8)</th>
<th>4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)</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>8/11/2004</td>
<td>P</td>
<td>Amount (A) or (D) Price</td>
<td>Common Stock</td>
<td>1000 A $51.35</td>
<td>2596.00 D</td>
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</tbody>
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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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Explanation of Responses:

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>MURLEY JAN L</td>
<td>X</td>
</tr>
<tr>
<td>1221 BROADWAY</td>
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<tr>
<td>OAKLAND, CA 946121888</td>
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</tr>
</tbody>
</table>

Signatures

By: Patrick M. Meehan, Asst. General Counsel for

Date: 9/16/2004

* Signature of Reporting Person

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.