UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
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)
12/31/2003

4. If Amendment, Date Original Filed

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

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

<table>
<thead>
<tr>
<th>1. Title of Security (Instr. 3)</th>
<th>2. Trans. Date</th>
<th>3. Trans. Code (Instr. 8)</th>
<th>4. Securities Acquired (A) or Disposed of (D) (Instr. 3 and 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>12/31/2003</td>
<td>A (1)</td>
<td>257 A $48.56 1109.00 D</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>1. Title of Derivate Security (Instr. 3)</th>
<th>2. Conversion or Exercise Price of Derivative Security</th>
<th>3. Trans. Date</th>
<th>4. Trans. Code (Instr. 8)</th>
<th>5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3 and 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td></td>
<td>12/31/2003</td>
<td>A (1)</td>
<td>Date Exercisable Expiration Date Title Amount or Number of Shares</td>
</tr>
</tbody>
</table>

Explanation of Responses:
( 1) Receipt of Clorox Stock in lieu of receipt of director's fees pursuant to the Independent Directors' Stock-Based Compensation Plan.

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>MURLEY JAN L</td>
<td>10% Owner</td>
</tr>
<tr>
<td>1221 BROADWAY</td>
<td>Officer</td>
</tr>
<tr>
<td>OAKLAND, CA 946121888</td>
<td>Other</td>
</tr>
</tbody>
</table>

Signatures

By: Patrick M. Meehan, Asst. General Counsel for 1/2/2004

** 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.