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

2. Issuer Name and Ticker or Trading Symbol

CLOROX CO /DE/ [ CLX ]

5. Relationship of Reporting Person(s) to Issuer (Check all applicable)

__ X ___ Director

_____ 10% Owner

_____ Officer (give title below)

_____ Other (specify below)

1221 BROADWAY

(Oakland, CA 946121888)

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

9/29/2006

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

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>Deferred Stock Units</td>
<td>(1)</td>
<td>9/29/2006</td>
<td>A</td>
<td>297.61</td>
<td>$0</td>
<td>D</td>
<td></td>
</tr>
</tbody>
</table>

<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>3A. Deemed Execution Date, if any</th>
<th>4. Trans. Code (Instr. 8)</th>
<th>5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3 and 5)</th>
<th>6. Date Exercisable and Expiration Date</th>
<th>7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)</th>
<th>8. Price of Derivative Security (Instr. 5)</th>
<th>9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)</th>
<th>10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>11. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deferred Stock Units</td>
<td>-</td>
<td>9/29/2006</td>
<td>A</td>
<td>297.61</td>
<td>$0</td>
<td>D</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Explanation of Responses:

(1) 1-for-1

(2) Receipt of Deferred Stock Units in lieu of receipt of quarterly director's fees.

(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

Reporting Owner Name / Address | Relationships
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MURLEY JAN L</td>
<td>X</td>
</tr>
</tbody>
</table>

1221 BROADWAY

OAKLAND, CA 946121888

Signatures

By: By Angela Hilt, Attorney-in-Fact for 10/3/2006
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.