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)
12/29/2006

5. Relationship of Reporting Person(s) to Issuer
(Commit applicable)
__X__ Director
___ 10% Owner
_____ Officer (give title below)
_____ Other (specify below)

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

<table>
<thead>
<tr>
<th>Title of Security</th>
<th>Date of Transaction</th>
<th>Number of Securities Acquired or Disposed</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deferred Stock Units</td>
<td>12/29/2006</td>
<td>A (2) 292</td>
<td>292.00</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>12/29/2006</td>
<td>A (4) 1268</td>
<td>1268.00</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Title of Derivative Security</th>
<th>Conversion or Exercise Price of Derivative Security</th>
<th>Date of Transaction</th>
<th>Number of Derivative Securities Acquired or Disposed</th>
<th>Date Exercisable and Expiration Date</th>
<th>Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deferred Stock Units</td>
<td>1/1/2006</td>
<td>1/1/2006</td>
<td>A (2) 292</td>
<td>1/1/2006 1/1/2006</td>
<td>Common Stock 292.00, $0, 3687.17 D</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>1/1/2006</td>
<td>1/1/2006</td>
<td>A (4) 1268</td>
<td>1/1/2006 1/1/2006</td>
<td>Common Stock 1268.00, $0, 4955.17 D</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.
(4) Annual award of Deferred Stock Units pursuant to the 2005 Stock Incentive Plan.

Reporting Owners

Reporting Owner Name / Address | Relationships
MURLEY JAN L 1221 BROADWAY OAKLAND, CA 946121888 | X
Signatures
By: By Angela Hilt, Attorney-in-Fact for 1/3/2007
** 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.