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 *

KANE JACQUELINE P
(Street)
1221 BROADWAY
(OAKLAND, CA 94612-1888)

2. Issuer Name and Ticker or Trading Symbol

CLOROX CO /DE/ [CLX]

3. Statement for Issuer's Fiscal Year Ended

6/30/2009

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

_____ Director

____ 10% Owner

__ X Officer (give title below)

_____ Other (specify below)

SR VP- HR & Corporate Affairs

4. If Amendment, Date Original Filed


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>
<thead>
<tr>
<th>Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Common Stock</strong></td>
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<tr>
<th>Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned ( e.g. , puts, calls, warrants, options, convertible securities)</th>
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</thead>
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<td><strong>Common Stock</strong></td>
</tr>
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Explanation of Responses:

(1) Includes 14.39 shares acquired during fiscal 2009 pursuant to the Company's 401(k) plan.

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Reported Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>KANE JACQUELINE P</td>
<td>Director</td>
</tr>
<tr>
<td>1221 BROADWAY</td>
<td>SR VP- HR &amp; Corporate Affairs</td>
</tr>
<tr>
<td>OAKLAND, CA 94612-1888</td>
<td></td>
</tr>
</tbody>
</table>

Signatures

By Angela Hilt, Attorney-in-Fact for 8/14/2009
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.