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
1221 BROADWAY
OAKLAND, CA 94612-1888

2. Issuer Name and Ticker or Trading Symbol
CLOROX CO/DE/[ CLX ]

5. Relationship of Reporting Person(s) to Issuer
(5) Director

(7) 10% Owner

(9) Officer (give title below)
SVP- HR & Corporate Affairs

3. Date of Earliest Transaction (MM/DD/YYYY)
9/11/2012

4. If Amendment, Date Original Filed

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Amount</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>(A)</td>
<td>(D)</td>
<td></td>
</tr>
</tbody>
</table>

1. Title of Security (Instr. 3)
Stock Option (Right to Buy)

2. Trans. Date
9/11/2012

2A. Deemed Execution Date, if any

3. Trans. Code (Instr. 8)

4. Securities Acquired (A) or Disposed of (D) (Instr. 3 and 4)

5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)

6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)

7. Nature of Indirect Beneficial Ownership (Instr. 4)

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Amount</th>
<th>Date Exercisable</th>
<th>Expiration Date</th>
<th>Title</th>
<th>Amount or Number of Shares</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>(A)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(D)</td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Title of Derivate Security (Instr. 3)
Stock Option (Right to Buy)

2. Conversion or Exercise Price of Derivative Security
$72.1100

3. Trans. Date
9/11/2012

3A. Deemed Execution Date, if any

4. Trans. Code (Instr. 8)

5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)

6. Date Exercisable and Expiration Date

7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)

8. Price of Derivative Security (Instr. 5)

9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)

10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)

11. Nature of Indirect Beneficial Ownership (Instr. 4)

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Explanation of Responses:
(1) Option vests in 4 equal installments - 1/4 on each of the first, second, third and fourth anniversaries of the grant date.

By Angela Hill, Attorney-in-Fact for KANE JACQUELINE P
OAKLAND, CA 94612-1888

Signature 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.