Statement of Changes in Beneficial Ownership of Securities

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, or 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 *
   Costello Michael R.
   1221 BROADWAY
   OAKLAND, CA 94612-1888

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

3. Date of Earliest Transaction (MM/DD/YYYY)
   9/13/2011

4. If Amendment, Date Original Filed

5. Relationship of Reporting Person(s) to Issuer
   (Check all applicable)
   Director
   10% Owner
   Officer (give title below)
   Other (specify below)
   VP - GM, International

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

1. Title of Security (Instr. 3)
2. Trans. Date
3. Trans. Code (Instr. 8)
4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)
5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)
   A. Direct (D)
   B. Indirect (I)

6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)
7. Nature of Indirect Beneficial Ownership (Instr. 4)

   Stock Option (Right to Buy)
   $68.15
   9/13/2011
   A
   18900.0000
   9/13/2012
   9/13/2021
   Common Stock
   18900.0000
   D

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.

Reporting Owners

Reporting Owner Name / Address
Costello Michael R.
1221 BROADWAY
OAKLAND, CA 94612-1888

Relationships
Director
10% Owner
Officer
VP - GM, International

Signatures

By Angela Hill, Attorney-in-Fact for
9/15/2011

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). ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

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.

* Signature of Reporting Person
** Signature of Reporting Person