1. Name and Address of Reporting Person *

Thomas-Graham Pamela

(Street) 1221 BROADWAY

(City) OAKLAND, CA 94612-1888

(Street) 1221 BROADWAY

(City) OAKLAND, CA 94612-1888

*Check this box if no longer subject to Section 16.
Form 4 or Form 5 obligations may continue. See Instruction 1(b).
[] Form 3 Holdings Reported
[] Form 4 Transactions Reported

2. Issuer Name and Ticker or Trading Symbol

CLOROX CO /DE/ [CLX]

3. Statement for Issuer's Fiscal Year Ended

MM/DD/YYYY

6/30/2009

4. If Amendment, Date Original Filed

MM/DD/YYYY

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

__ X __ Director
_____ 10% Owner
_____ Officer (give title below)
_____ Other (specify below)

6. Individual or Joint/Group Filing (Check Applicable Line)

_ X _ Form Filed by One Reporting Person
___ FormFiled 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

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)

6. Ownership Form:

Direct (D)
or Indirect (I)

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

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

1. Title of Derivative Security

(Instr. 3)

2. Conversion or Exercise Price of Derivative Security

3. Trans. Date

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 (MM/DD/YYYY)

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 at End of Issuer's Fiscal Year (Instr. 4)

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

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

Explanation of Responses:

(1) 1-for-1

(2) Deferred Stock Units acquired through dividend reinvestment during the fiscal year pursuant to the Independent Directors' Deferred Compensation Plan.

(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

Thomas-Graham Pamela

1221 BROADWAY

X
Signatures

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

** 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.