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

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *
   Bailey William S
   (Last) (First) (Middle)
   1221 BROADWAY
   (Street)
   OAKLAND, CA 94612-1888
   (City) (State) (Zip)

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

3. Date of Earliest Transaction (MM/DD/YYYY)
   1/11/2018

4. If Amendment, Date Original Filed

5. Relationship of Reporting Person(s) to Issuer
   (Check all applicable)
   _____ Director
   ____ 10% Owner
   X Officer (give title below)
   _____ Other (specify below)
   SVP - Corporate Business Dev

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

<table>
<thead>
<tr>
<th>Title of Security</th>
<th>Trans. Date</th>
<th>Code</th>
<th>Trans. Code (Instr. 8)</th>
<th>Amount (A) or (D)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>1/11/2018</td>
<td>F</td>
<td>(1)</td>
<td>220.0000</td>
<td>$141.9900</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Title of Derivate Security (Instr. 3)</th>
<th>Conversion or Exercise Price of Derivative Security</th>
<th>Trans. Date</th>
<th>Code</th>
<th>V</th>
<th>(A) or (D)</th>
<th>Date Exercisable</th>
<th>Expiration Date</th>
<th>Title</th>
<th>Amount or Number of Shares</th>
<th>Price of Derivative Security (Instr. 5)</th>
<th>Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)</th>
</tr>
</thead>
</table>

Explanation of Responses:

(1) Withholding of shares by the Company to satisfy tax obligations applicable to vesting of restricted stock.

(2) Includes 12 shares acquired pursuant to a dividend reinvestment feature of the Company's Stock Incentive Plan.

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bailey William S</td>
<td>Director 10% Owner</td>
</tr>
<tr>
<td>1221 BROADWAY</td>
<td>Officer</td>
</tr>
<tr>
<td>OAKLAND, CA 94612-1888</td>
<td>SVP - Corporate Business Dev</td>
</tr>
</tbody>
</table>

Signatures

By Cheryl Brice, Attorney-in-Fact for 1/16/2018

Signature of Reporting Person

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.