

Table 15.-Chemical analyses of waters from wells in Gloucester County, Va. (cont.)

|  | Well no.       |             |        |                         |              |              |                   |              |              |                |                |                    |
|--|----------------|-------------|--------|-------------------------|--------------|--------------|-------------------|--------------|--------------|----------------|----------------|--------------------|
|  | 24             | 25b         | 26     | 26                      | 27           | 28           | 34                | 36           | 38           | 40<br>57H3     | 40             | 41                 |
| Location                               | Achilles       | Bene        | Severn | Severn                  | Maryus       | Maryus       | Oliver<br>Landing | Clay<br>Bank | Clay<br>Bank | Capaho-<br>sic | Capaho-<br>sic | Allmonds-<br>ville |
| Depth (feet)                           | 450            | 10          | 610    | 610<br>5962<br>computer | 11           | 88           | 610               | 460          | 367          | 395            | 395            | 275                |
| Silica (SiO <sub>2</sub> )             | 5964           |             | 1      | 1                       |              |              |                   |              |              |                |                |                    |
| Iron (Fe)                              | In<br>computer |             | 4.9    |                         |              |              |                   |              |              | 33             |                |                    |
| Calcium (Ca)                           | 10             |             | 46     |                         |              |              |                   |              | 2            | 0              |                |                    |
| Magnesium (Mg)                         | 20             |             | 26     |                         |              |              |                   |              |              | 1.2            |                |                    |
| Sodium (Na)                            | 1404           |             | 1826   |                         |              |              |                   |              |              | 1.1            |                |                    |
| Potassium (K)                          |                |             |        |                         |              |              |                   |              |              |                | 302            |                    |
| Bicarbonate (HCO <sub>3</sub> )        | 934            | 47          | 628    | 635                     | 18           | 354          | 508               | 432          | 645          | 690            | 611            | 541                |
| Sulfate (SO <sub>4</sub> )             | 207            | 26          | 216    | 230                     | 15           | 110          | 56                | 58           | 54           | 18             | 12             | 12                 |
| Chloride (Cl)                          | 1540           | 52          | 2500   | 2675                    | 170          | 4            | 412               | 476          | 220          | 54             | 53             | 69                 |
| Fluoride (F)                           |                | .0          |        | 0.7                     | .2           | .4           | 2.4               | 2.0          |              |                | 4.3            | 3.0                |
| Nitrate (NO <sub>3</sub> )             | tr             | .5          | .7     |                         | 87           | .4           | 1.0               |              |              | 1.2            |                |                    |
| Dissolved solids                       | 3777           |             |        |                         | 864          | 903          | 2210              | 2250         |              | 775            |                |                    |
| Total Hardness (as CaCO <sub>3</sub> ) | 107            | 38          | 222    | 375                     | 172          | 300          | 44                | 32           | 18           | 8              | 10             | 9                  |
| Date                                   | June<br>1918   | May<br>1948 | 1906   | Feb.<br>1941            | Aug.<br>1950 | Aug.<br>1950 | Aug.<br>1950      | Aug.<br>1950 | 1906         | June<br>1918   | Feb.<br>1941   |                    |
| Analyst                                | HBR            | GWV         | RBD    | MDF<br>LWM              | JL           | JL           | JL                | JL           | SS           | HRB            | MDF<br>LWM     |                    |