

**TABLE 2. HISTORICAL PHYSICAL CHEMISTRY**  
**Lake Redman; York County**  
**(PFBC; June 30, 1970)**

| depth<br>(ft.) | temp <sup>1</sup> |        | pH  | MO (alk)<br>mg/l | DO<br>mg/l |
|----------------|-------------------|--------|-----|------------------|------------|
|                | C°                | F°     |     |                  |            |
| surface        | (22.2)            | (72.0) | 9.1 | 44               | 9.2        |
| 1              | (22.2)            | (72.0) | -   | -                | -          |
| 2              | (22.2)            | (72.0) | -   | -                | -          |
| 3              | (22.2)            | (72.0) | -   | -                | -          |
| 4              | (21.9)            | (71.5) | -   | -                | -          |
| 5              | (21.7)            | (71.0) | 7.2 | 44               | 8          |
| 6              | (21.1)            | (70.0) | -   | -                | -          |
| 7              | (21.1)            | (70.0) | -   | -                | -          |
| 8              | (21.1)            | (70.0) | -   | -                | -          |
| 9              | (20.8)            | (69.5) | -   | -                | -          |
| 10             | (19.4)            | (67.0) | 8   | 44               | 6.6        |
| 11             | (18.9)            | (66.0) | -   | -                | -          |
| 12             | (18.3)            | (65.0) | -   | -                | -          |
| 13             | 17.8              | 64.0   | -   | -                | -          |
| 14             | 17.5              | 63.5   | -   | -                | -          |
| 15             | 17.2              | 63.0   | 6.6 | 42               | 3.4        |
| 16             | 16.7              | 62.0   | -   | -                | -          |
| 17             | 16.4              | 61.5   | -   | -                | -          |
| 18             | 16.1              | 61.0   | -   | -                | -          |
| 19             | 15.6              | 60.0   | -   | -                | -          |
| 20             | 14.7              | 58.5   | 6.5 | 40               | 3.2        |
| 21             | 13.9              | 57.0   | -   | -                | -          |
| 22             | 13.3              | 56.0   | -   | -                | -          |
| 23             | 12.8              | 55.0   | -   | -                | -          |
| 24             | 12.2              | 54.0   | -   | -                | -          |
| 25             | 11.7              | 53.0   | 6.4 | 40               | 3.4        |
| 26             | 11.4              | 52.5   | -   | -                | -          |
| 27             | 11.1              | 52.0   | -   | -                | -          |
| 28             | 10.8              | 51.5   | -   | -                | -          |
| 29             | 10.0              | 50.0   | -   | -                | -          |
| 30             | 9.7               | 49.5   | 6.4 | 42               | 2.1        |
| 31             | 9.4               | 49.0   | -   | -                | -          |
| 32             | 9.4               | 49.0   | -   | -                | -          |
| 33             | 9.4               | 49.0   | -   | -                | -          |
| 34             | 9.4               | 49.0   | -   | -                | -          |
| 35             | 8.9               | 48.0   | 6.6 | 50               | 1.5        |
| 36             | 8.9               | 48.0   | -   | -                | -          |
| 37             | 8.9               | 48.0   | -   | -                | -          |
| 38             | 8.9               | 48.0   | -   | -                | -          |
| 39             | 8.9               | 48.0   | 6.4 | 64               | 0.4        |

1 - (##.#) = exceeded temperatures if Ch 93 CWF criteria were in effect.  
 ##.# = additional exceeded temperatures when considering CWF  
 criteria in place on the sampled date.