

**Table 3-2 Trophic State Index of Major Reservoirs**

| Period | Number of Reservoirs Inspected | Number of Reservoirs by CTSI Level |       |                                          |       |                         |       |
|--------|--------------------------------|------------------------------------|-------|------------------------------------------|-------|-------------------------|-------|
|        |                                | Self-accelerating (CTSI<40)        |       | Medial ( $40 \leq \text{CTSI} \leq 50$ ) |       | Eutrophicated (CTSI>50) |       |
|        |                                | No.                                | %     | No.                                      | %     | No.                     | %     |
| 2010   | 21                             | 3                                  | 14.29 | 15                                       | 71.43 | 3                       | 14.29 |
| 2011   | 21                             | 4                                  | 19.05 | 13                                       | 61.90 | 4                       | 19.05 |
| 2012   | 20                             | 3                                  | 15.00 | 13                                       | 65.00 | 4                       | 20.00 |
| 2013   | 20                             | 2                                  | 10.00 | 16                                       | 80.00 | 2                       | 10.00 |
| 2014   | 20                             | 2                                  | 10.00 | 13                                       | 65.00 | 5                       | 25.00 |
| 2015   | 20                             | 1                                  | 5.00  | 12                                       | 60.00 | 7                       | 35.00 |
| 2016   | 20                             | 1                                  | 5.00  | 12                                       | 60.00 | 7                       | 35.00 |
| 2017   | 20                             | 1                                  | 5.00  | 13                                       | 65.00 | 6                       | 30.00 |
| 2018   | 20                             | 2                                  | 10.00 | 13                                       | 65.00 | 5                       | 25.00 |
| 2019   | 21                             | 2                                  | 9.52  | 12                                       | 57.14 | 7                       | 33.33 |
| 2020   | 21                             | 1                                  | 4.76  | 15                                       | 71.43 | 5                       | 23.81 |
| 2021   | 21                             | 1                                  | 4.76  | 12                                       | 57.14 | 8                       | 38.10 |
| 2022   | 21                             | 1                                  | 4.76  | 12                                       | 57.14 | 8                       | 38.10 |
| 2023   | 21                             | 1                                  | 4.76  | 11                                       | 52.38 | 9                       | 42.86 |
| 2024   | 21                             | 1                                  | 4.76  | 10                                       | 47.62 | 10                      | 47.62 |

Source: Department of Water Quality Protection, MOENV.

Note: CTSI(Carlson Trophic State Index) is a weighted mean of the measurements of TP(Total Phosphorus) 、Chlorophyll-a and SD(Secchi Disk Visibility).