Table S4. The environmental physico-chemical properties in MC and RC breeding modes

|  |  |  |
| --- | --- | --- |
|  | MC | RC |
| pH | 7.32 ± 0.14 a\* | 7.36 ± 0.26 a |
| Dissolved oxygen (mg/L) | 7.73 ± 0.43 a | 7.67 ± 0.29 a |
| NH4+ -N (mg/L) | 0.49 ± 0.13 a | 0.48 ± 0.09 a |
| NO3+ -N (mg/L) | 0.32 ± 0.04 a | 0.35 ± 0.06 b |
| TP (mg/L) | 0.42 ± 0.11 a | 0.44 ± 0.39 a |
| COD (mg/L) | 41.35 ± 5.26 A | 46.36 ± 5.72 B |

\* The data represent the mean and standard deviation from triplicate independent experiments. Values not sharing common letters are significantly different (one-way ANOVA with the Student-Newman-Keuls method, P < 0.05). The lowercase indicates 0.01< P ≤ 0.05, and uppercase indicates P ≤ 0.01.