| 監測地點及日期 | | A湖區 | | | | | | | | | B湖區 | | | | | | | | | 偵測極限 | 飲用水水源水質標準 | 保護人體健康基準 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 表層 | 中層 | 底層 | 表層 | 中層 | 底層 | 表層 | 中層 | 底層 | 表層 | 中層 | 底層 | 表層 | 中層 | 底層 | 表層 | 中層 | 底層 | | | |
| | | 114/7/29 | 114/7/29 | 114/7/29 | 114/8/20 | 114/8/20 | 114/8/20 | 114/9/25 | 114/9/25 | 114/9/25 | 114/7/29 | 114/7/29 | 114/7/29 | 114/8/20 | 114/8/20 | 114/8/20 | 114/9/25 | 114/9/25 | 114/9/25 | | | |
| pH | - | 8.8 | 8.1 | 7.9 | 8.9 | 8.5 | 8.5 | 8.9 | 8.2 | 7.9 | 8.8 | 7.7 | 8.1 | 9.0 | 8.3 | 8.2 | 8.8 | 8.0 | 7.9 | — | — | — |
| 水溫 | ℃ | 29.7 | 29.4 | 28.3 | 30.8 | 28.7 | 28.2 | 30.5 | 29.1 | 28.3 | 30.5 | 29.9 | 28.3 | 31.2 | 29.8 | 29.4 | 30.6 | 29.8 | 28.6 | — | — | — |
| 溶氧量 | mg/L | 10.2 | 8.1 | 8.1 | 8.7 | 6.5 | 6.4 | 8.7 | 6.8 | 6.2 | 10.6 | 7.3 | 7.1 | 8.3 | 7.0 | 6.6 | 8.3 | 6.1 | 5.7 | — | — | — |
| 導電度 | μmho/cm | 263 | 269 | 269 | 295 | 283 | 264 | 266 | 268 | 283 | 251 | 279 | 304 | 256 | 262 | 265 | 256 | 271 | 272 | — | — | — |
| 生化需氧量 | mg/L | 1.4 | <1.0 | <1.0 | 1.3 | <1.0 | 1.0 | <1.0 | 1.4 | <1.0 | 1.5 | <1.0 | <1.0 | 1.1 | <1.0 | <1.0 | 1.4 | <1.0 | <1.0 | 1.0 | — | — |
| 化學需氧量 | mg/L | 6.2 | 4.1 | ND | 4.6 | ND | 3.0 | 5.5 | 6.2 | 3.4 | 6.4 | ND | ND | 5.9 | 3.7 | ND | 6.7 | 4.3 | 3.2 | 2.8 | 25 | — |
| 大腸桿菌群 | CFU/100mL | <1 | 20 | 68 | 29 | 38 | 38 | <1 | <1 | 3 | <1 | 31 | 26 | <1 | 42 | 18 | 19 | 20 | 51 | 1 | 20000 | — |
| 油脂 | mg/L | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.0 | — | — |
| 氨氮 | mg/L | 0.66 | <0.05 | 0.70 | <0.05 | ND | ND | <0.05 | 0.05 | <0.05 | <0.05 | 0.94 | <0.05 | ND | <0.05 | ND | ND | <0.05 | <0.05 | 0.01 | 1 | — |
| 有機氮 | mg/L | 0.01 | 0.09 | 0.08 | 0.32 | 0.78 | 0.52 | 0.68 | 0.58 | 0.26 | 0.30 | 0.35 | 0.16 | 0.56 | 1.03 | 0.43 | 0.50 | 0.31 | 0.20 | — | — | — |
| 亞硝酸鹽氮 | mg/L | 0.01 | <0.01 | ND | 0.01 | <0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | ND | 0.01 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | 0.001 | — | — |
| 硝酸鹽氮 | mg/L | 0.66 | 0.77 | 0.95 | 0.84 | 0.86 | 0.95 | 0.77 | 0.92 | 1.20 | 0.49 | 0.73 | 0.78 | 0.50 | 0.87 | 0.85 | 0.85 | 0.98 | 1.15 | 0.01 | — | — |
| 懸浮固體 | mg/L | 4.4 | 3.7 | 5.6 | 4.3 | 2.8 | 6.1 | 2.9 | 2.8 | 1.6 | 4.3 | 4.6 | 3.2 | 4.8 | 7.1 | 5.6 | 3.9 | 1.1 | 1.0 | 1.0 | — | — |
| 總氮 | mg/L | 1.34 | 0.88 | 1.73 | 1.18 | 1.65 | 1.48 | 1.48 | 1.56 | 1.49 | 0.82 | 2.03 | 0.95 | 1.08 | 1.92 | 1.28 | 1.36 | 1.30 | 1.39 | 0.06 | — | — |
| 總有機碳 | mg/L | 1.4 | 0.8 | 0.8 | 0.8 | 0.6 | 0.7 | 1.0 | 1.7 | 0.7 | 1.7 | 0.8 | 0.8 | 1.1 | 0.9 | 0.7 | 2.0 | 0.6 | 0.8 | 0.05 | 4 | — |
| 總磷 | mg P/L | 0.048 | 0.046 | 0.053 | 0.025 | 0.027 | 0.039 | 0.028 | 0.025 | 0.027 | 0.048 | 0.049 | 0.049 | 0.029 | 0.051 | 0.034 | 0.041 | 0.032 | 0.032 | 0.002 | — | — |
| 鎘 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.001 | 0.01 | 0.005 |
| 鉻 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.001 | 0.05 | 0.005 |
| 銅 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | <0.020 | ND | ND | ND | ND | ND | ND | 0.001 | 0.01 | 0.03 |
| 銦 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.001 | 0.01 | 0.005 |
| 鉬 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.001 | 0.01 | 0.005 |
| 鉛 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.001 | 0.01 | 0.005 |
| 鋅 | mg/L | <0.020 | <0.020 | <0.020 | <0.020 | 0.030 | 0.032 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | 0.020 | <0.020 | <0.020 | <0.020 | <0.020 | 0.006 | — | 0.5 |
| 汞 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.00015 | 0.002 | 0.001 |
| 硒 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.00015 | 0.002 | 0.001 |
| 砷 | mg/L | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | 0.0026 | ND | ND | <0.0020 | <0.0020 | <0.0020 | <0.0020 | ND | ND | ND | 0.0003 | 0.05 | 0.05 |
| 透明度 | m | 1.2 | - | - | 1.3 | - | - | 1.1 | - | - | 1.3 | - | - | 1.4 | - | - | 1.6 | - | - | — | — | — |
| 一品松 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.00005 | — | 0.1 |
| 大利松 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.00005 | — | 0.1 |
| 巴拉松 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.00004 | — | 0.1 |
| 亞素靈 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.00005 | — | 0.1 |
| 達馬松 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.00004 | — | 0.1 |
| 葉綠素a | μg/L | 29.3 | 19.2 | 6.2 | 14.5 | 9.8 | 5.9 | 16.1 | 13.0 | 7.7 | 24.7 | 10.7 | 6.8 | 14.8 | 12.7 | 5.6 | 15.8 | 2.7 | 2.1 | 0.1 | — | — |
| 卡爾森指數(CTSI) | | 60.36 | - | - | 54.54 | - | - | 56.23 | - | - | 59.42 | - | - | 54.96 | - | - | 56.20 | - | - | — | — | — |
| TSI (Chl-a) | | 63.73 | 59.59 | 48.50 | 56.83 | 52.99 | 48.01 | 57.86 | 55.76 | 50.62 | 62.06 | 53.85 | 49.41 | 57.03 | 55.53 | 47.50 | 57.68 | 40.34 | 37.88 | — | — | — |
| TSI(SD) | | 57.37 | - | - | 56.22 | - | - | 58.63 | - | - | 56.22 | - | - | 55.15 | - | - | 53.23 | - | - | — | — | — |
| TSI (TP) | | 59.97 | 59.36 | 61.40 | 50.57 | 51.68 | 56.98 | 52.20 | 50.57 | 51.68 | 59.97 | 60.27 | 60.27 | 52.71 | 60.85 | 55.00 | 57.70 | 54.13 | 54.13 | — | — | — |
| 優養程度 | | 優養 | - | - | 優養 | - | - | 優養 | - | - | 優養 | - | - | 優養 | - | - | 優養 | - | - | — | — | — |
| 卡爾森指數單一參數指數判定 | | | | | | | | | | | | | | | | | | | | — | — | — |
| 葉綠素a | | 優養 | 優養 | 普養 | 優養 | 優養 | 普養 | 優養 | 優養 | 優養 | 優養 | 優養 | 普養 | 優養 | 優養 | 普養 | 優養 | 普養 | 貧養 | — | — | — |
| 透明度 | | 優養 | - | - | 優養 | - | - | 優養 | - | - | 優養 | - | - | 優養 | - | - | 優養 | - | - | — | — | — |
| 總磷 | | 優養 | 優養 | 優養 | 優養 | 優養 | 優養 | 優養 | 優養 | 優養 | 優養 | 優養 | 優養 | 優養 | 優養 | 優養 | 優養 | 優養 | 優養 | — | — | — |

| 監測地點及日期 | | C湖區 | | | | | | | | | D湖區 | | | | | | | | | 偵測極限 | 飲用水水源水質標準 | 保護人體健康基準 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 表層 | 中層 | 底層 | 表層 | 中層 | 底層 | 表層 | 中層 | 底層 | 表層 | 中層 | 底層 | 表層 | 中層 | 底層 | 表層 | 中層 | 底層 | | | |
| | | 114/7/29 | 114/7/29 | 114/7/29 | 114/8/20 | 114/8/20 | 114/8/20 | 114/9/25 | 114/9/25 | 114/9/25 | 114/7/30 | 114/7/30 | 114/7/30 | 114/8/20 | 114/8/20 | 114/8/20 | 114/9/25 | 114/9/25 | 114/9/25 | | | |
| pH | - | 8.8 | 7.8 | 7.7 | 9.1 | 8.8 | 8.3 | 9.0 | 8.3 | 8.0 | 8.8 | 8.9 | 8.9 | 9.0 | 8.9 | 8.1 | 9.0 | 8.3 | 7.9 | — | — | — |
| 水溫 | ℃ | 30.7 | 28.4 | 28.2 | 31.2 | 29.8 | 29.5 | 30.9 | 29.2 | 28.6 | 29.2 | 29.1 | 28.9 | 31.8 | 30.4 | 29.3 | 31.1 | 30.3 | 29.1 | — | — | — |
| 溶氧量 | mg/L | 9.1 | 5.4 | 5.3 | 8.2 | 7.8 | 6.5 | 8.9 | 7.1 | 6.0 | 9.8 | 9.8 | 9.7 | 8.1 | 6.8 | 6.1 | 8.1 | 6.4 | 5.7 | — | — | — |
| 導電度 | μmho/cm | 421 | 278 | 281 | 233 | 252 | 274 | 250 | 266 | 274 | 251 | 239 | 240 | 244 | 248 | 274 | 239 | 255 | 268 | — | — | — |
| 生化需氧量 | mg/L | 1.6 | <1.0 | <1.0 | 1.3 | 1.4 | <1.0 | <1.0 | <1.0 | <1.0 | 1.0 | 1.1 | 1.4 | 1.0 | 1.6 | <1.0 | 1.9 | <1.0 | <1.0 | 1.0 | — | — |
| 化學需氧量 | mg/L | 8.6 | ND | ND | 11.2 | 10.0 | 3.0 | 7.1 | 5.2 | 4.5 | 5.9 | 6.1 | 5.6 | 5.6 | 9.1 | 3.2 | 8.7 | 8.0 | 4.0 | 2.8 | 25 | — |
| 大腸桿菌群 | CFU/100mL | <1 | <1 | <1 | <1 | 3 | 8 | <1 | 36 | 36 | <1 | <1 | 2 | <1 | <1 | <1 | <1 | 5 | 63 | 1 | 20000 | — |
| 油脂 | mg/L | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.0 | — | — |
| 氨氮 | mg/L | 0.11 | <0.05 | 0.07 | ND | ND | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | ND | <0.05 | ND | <0.05 | <0.05 | <0.05 | 0.01 | 1 | — |
| 有機氮 | mg/L | 0.18 | 0.04 | <0.01 | 0.84 | 0.68 | 0.57 | 0.45 | 0.50 | 0.26 | 0.43 | 0.17 | 0.30 | 0.60 | 0.72 | 0.37 | 0.56 | 0.37 | 0.44 | — | — | — |
| 亞硝酸鹽氮 | mg/L | 0.01 | <0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.05 | 0.01 | <0.01 | <0.01 | 0.001 | — | — |
| 硝酸鹽氮 | mg/L | 0.24 | 0.70 | 0.68 | 0.21 | 0.60 | 0.68 | 0.75 | 0.92 | 0.99 | 0.38 | 0.41 | 0.42 | 0.34 | 0.40 | 0.69 | 0.44 | 0.58 | 0.70 | 0.01 | — | — |
| 懸浮固體 | mg/L | 4.6 | 1.7 | 1.1 | 4.4 | 7.9 | 4.9 | 3.0 | 1.8 | 1.1 | 4.5 | 6.6 | 6.0 | 3.1 | 5.5 | 2.1 | 4.1 | <1.0 | <1.0 | 1.0 | — | — |
| 總氮 | mg/L | 0.54 | 0.75 | 0.74 | 1.06 | 1.30 | 1.29 | 1.24 | 1.46 | 1.27 | 0.83 | 0.61 | 0.75 | 0.95 | 1.15 | 1.12 | 1.04 | 0.97 | 1.16 | 0.06 | — | — |
| 總有機碳 | mg/L | 1.6 | 0.9 | 0.7 | 1.7 | 1.2 | 0.8 | 0.9 | 0.8 | 0.9 | 1.2 | 1.2 | 1.0 | 1.1 | 1.4 | 0.9 | 1.1 | 0.9 | 1.1 | 0.05 | 4 | — |
| 總磷 | mg P/L | 0.036 | 0.043 | 0.022 | 0.028 | 0.045 | 0.029 | 0.030 | 0.037 | 0.037 | 0.035 | 0.024 | 0.031 | 0.028 | 0.046 | 0.039 | 0.031 | 0.031 | 0.024 | 0.002 | — | — |
| 鎘 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.001 | 0.01 | 0.005 |
| 鉻 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | <0.020 | ND | ND | ND | ND | 0.001 | 0.05 | 0.005 |
| 銅 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.001 | 0.01 | 0.03 |
| 銦 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.001 | 0.01 | 0.005 |
| 鉬 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | <0.020 | 0.001 | 0.01 | 0.005 |
| 鉛 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.001 | 0.01 | 0.005 |
| 鋅 | mg/L | <0.020 | 0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | 0.030 | <0.020 | ND | ND | 0.006 | — | 0.5 |
| 汞 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.00015 | 0.002 | 0.001 |
| 硒 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.00015 | 0.002 | 0.001 |
| 砷 | mg/L | ND | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | ND | ND | <0.0020 | ND | ND | ND | <0.0020 | <0.0020 | <0.0020 | ND | ND | ND | 0.0003 | 0.05 | 0.05 |
| 透明度 | m | 1.1 | - | - | 1.1 | - | - | 1.3 | - | - | 1.5 | - | - | 1.5 | - | - | 1.5 | - | - | — | — | — |
| 一品松 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.00005 | — | 0.1 |
| 大利松 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.00005 | — | 0.1 |
| 巴拉松 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.00004 | — | 0.1 |
| 亞素靈 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.00005 | — | 0.1 |
| 達馬松 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.00004 | — | 0.1 |
| 葉綠素a | μg/L | 23.7 | 2.7 | 3.8 | 22.7 | 31.1 | 7.7 | 16.3 | 8.3 | 3.3 | 18.5 | 21.2 | 24.7 | 11.8 | 19.8 | 3.3 | 21.7 | 11.6 | 4.4 | 0.1 | — | — |
| 卡爾森指數(CTSI) | | 58.70 | - | - | 57.35 | - | - | 55.80 | - | - | 56.27 | - | - | 53.72 | - | - | 56.21 | - | - | — | — | — |
| TSI (Chl-a) | | 61.65 | 40.34 | 43.70 | 61.23 | 64.32 | 50.62 | 57.98 | 51.36 | 42.31 | 59.22 | 60.56 | 62.06 | 54.81 | 59.89 | 42.31 | 60.79 | 54.64 | 45.13 | — | — | — |
| TSI(SD) | | 58.63 | - | - | 58.63 | - | - | 56.22 | - | - | 54.16 | - | - | 54.16 | - | - | 54.16 | - | - | — | — | — |
| TSI (TP) | | 55.82 | 58.39 | 48.72 | 52.20 | 59.04 | 52.71 | 53.20 | 56.22 | 56.22 | 55.42 | 49.98 | 53.67 | 52.20 | 59.36 | 56.98 | 53.67 | 53.67 | 49.98 | — | — | — |
| 優養程度 | | 優養 | - | - | 優養 | - | - | 優養 | - | - | 優養 | - | - | 優養 | - | - | 優養 | - | - | — | — | — |
| 卡爾森指數單一參數指數判定 | | | | | | | | | | | | | | | | | | | | — | — | — |
| 葉綠素a | | 優養 | 普養 | 普養 | 優養 | 優養 | 優養 | 優養 | 優養 | 普養 | 優養 | 優養 | 優養 | 優養 | 優養 | 普養 | 優養 | 優養 | 普養 | — | — | — |
| 透明度 | | 優養 | - | - | 優養 | - | - | 優養 | - | - | 優養 | - | - | 優養 | - | - | 優養 | - | - | — | — | — |
| 總磷 | | 優養 | 優養 | 普養 | 優養 | 優養 | 優養 | 優養 | 優養 | 優養 | 優養 | 普養 | 優養 | 優養 | 優養 | 優養 | 優養 | 優養 | 普養 | — | — | — |

| 監測地點及日期 | | E湖區 | | | | | | | | | F湖區 | | | | | | | | | 偵測極限 | 飲用水水源水質標準 | 保護人體健康基準 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 表層 | 中層 | 底層 | 表層 | 中層 | 底層 | 表層 | 中層 | 底層 | 表層 | 中層 | 底層 | 表層 | 中層 | 底層 | 表層 | 中層 | 底層 | | | |
| | | 114/7/31 | 114/7/31 | 114/7/31 | 114/8/20 | 114/8/20 | 114/8/20 | 114/9/25 | 114/9/25 | 114/9/25 | 114/7/31 | 114/7/31 | 114/7/31 | 114/8/20 | 114/8/20 | 114/8/20 | 114/9/25 | 114/9/25 | 114/9/25 | | | |
| pH | - | 8.5 | 8.5 | 8.5 | 9.1 | 9.0 | 8.2 | 9.0 | 8.7 | 7.9 | 8.3 | 8.2 | 8.3 | 8.3 | 8.1 | 8.0 | 9.0 | 8.1 | 8.1 | — | — | — |
| 水溫 | ℃ | 28.3 | 27.6 | 26.7 | 31.8 | 30.9 | 29.9 | 31.3 | 30.8 | 29.7 | 26.6 | 26.5 | 26.3 | 28.4 | 27.9 | 27.5 | 31.0 | 28.9 | 28.1 | — | — | — |
| 溶氧量 | mg/L | 7.6 | 8.0 | 7.9 | 7.4 | 6.9 | 6.5 | 8.7 | 7.1 | 5.7 | 9.2 | 9.6 | 9.6 | 6.6 | 6.3 | 5.9 | 8.2 | 7.0 | 6.0 | — | — | — |
| 導電度 | μmho/cm | 238 | 234 | 249 | 240 | 244 | 264 | 241 | 248 | 267 | 236 | 242 | 244 | 278 | 276 | 279 | 274 | 285 | 286 | — | — | — |
| 生化需氧量 | mg/L | 2.6 | 1.6 | <1.0 | 1.5 | 1.1 | 1.1 | <1.0 | 1.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.6 | <1.0 | <1.0 | 1.0 | — | — |
| 化學需氧量 | mg/L | 8.1 | 6.1 | ND | 5.1 | 5.1 | 3.6 | 6.8 | 6.9 | 4.7 | 4.5 | 5.6 | 7.0 | 3.3 | ND | ND | 9.3 | 5.0 | 3.9 | 2.8 | 25 | — |
| 大腸桿菌群 | CFU/100mL | 14 | 2 | 73 | <1 | <1 | <1 | <1 | 1 | 9 | 4 | 68 | 43 | 15 | 11 | 21 | 2 | 2 | 11 | 1 | 20000 | — |
| 油脂 | mg/L | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.0 | — | — |
| 氨氮 | mg/L | <0.05 | <0.05 | ND | ND | ND | <0.05 | <0.05 | <0.05 | <0.05 | 0.06 | <0.05 | <0.05 | ND | ND | 0.05 | <0.05 | <0.05 | <0.05 | 0.01 | 1 | — |
| 有機氮 | mg/L | 0.13 | 0.42 | 0.18 | 0.54 | 0.52 | 0.42 | 0.54 | 0.97 | 0.56 | 0.05 | 0.16 | 0.43 | 0.52 | 0.56 | 0.34 | 0.54 | 0.33 | 0.29 | — | — | — |
| 亞硝酸鹽氮 | mg/L | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | 0.01 | 0.01 | 0.01 | 0.001 | — | — |
| 硝酸鹽氮 | mg/L | 0.31 | 0.29 | 0.63 | 0.37 | 0.37 | 0.58 | 0.56 | 0.66 | 0.90 | 0.73 | 0.72 | 0.75 | 1.16 | 1.25 | 1.16 | 1.12 | 1.41 | 1.40 | 0.01 | — | — |
| 懸浮固體 | mg/L | 4.3 | 3.5 | 1.4 | 8.1 | 2.2 | 1.9 | 2.1 | 2.8 | <1.0 | 3.8 | 4.3 | 4.3 | 5.2 | 12.8 | 5.5 | 13.2 | 3.8 | 5.0 | 1.0 | — | — |
| 總氮 | mg/L | 0.48 | 0.74 | 0.83 | 0.93 | 0.91 | 1.02 | 1.13 | 1.66 | 1.48 | 0.84 | 0.90 | 1.21 | 1.70 | 1.82 | 1.55 | 1.69 | 1.77 | 1.72 | 0.06 | — | — |
| 總有機碳 | mg/L | 2.2 | 1.8 | 0.8 | 1.1 | 1.2 | 0.8 | 1.1 | 1.2 | 0.6 | 0.9 | 0.7 | 1.2 | 1.0 | 0.7 | 0.7 | 1.2 | 0.8 | 0.7 | 0.05 | 4 | — |
| 總磷 | mg P/L | 0.022 | 0.019 | 0.022 | 0.035 | 0.025 | 0.028 | 0.034 | 0.035 | 0.024 | 0.040 | 0.037 | 0.040 | 0.064 | 0.064 | 0.066 | 0.053 | 0.063 | 0.063 | 0.002 | — | — |
| 鎘 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.001 | 0.01 | 0.005 |
| 鉻 | mg/L | ND | ND | ND | ND | ND | ND | ND | <0.020 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.001 | 0.05 | 0.005 |
| 銅 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.001 | 0.01 | 0.03 |
| 銦 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.001 | 0.01 | 0.005 |
| 鉬 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.001 | 0.01 | 0.005 |
| 鉛 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.001 | 0.01 | 0.005 |
| 鋅 | mg/L | 0.022 | <0.020 | ND | <0.020 | <0.020 | 0.022 | <0.020 | <0.020 | <0.020 | 0.022 | 0.024 | <0.020 | 0.026 | 0.023 | <0.020 | <0.020 | <0.020 | <0.020 | 0.006 | — | 0.5 |
| 汞 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.00015 | 0.002 | 0.001 |
| 硒 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.00015 | 0.002 | 0.001 |
| 砷 | mg/L | ND | ND | ND | <0.0020 | <0.0020 | <0.0020 | ND | ND | ND | ND | ND | <0.0020 | <0.0020 | <0.0020 | <0.0020 | ND | ND | <0.0020 | 0.0003 | 0.05 | 0.05 |
| 透明度 | m | 1.4 | - | - | 1.6 | - | - | 1.4 | - | - | 1.1 | - | - | 1.1 | - | - | 1.3 | - | - | — | — | — |
| 一品松 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.00005 | — | 0.1 |
| 大利松 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.00005 | — | 0.1 |
| 巴拉松 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.00004 | — | 0.1 |
| 亞素靈 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.00005 | — | 0.1 |
| 達馬松 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.00004 | — | 0.1 |
| 葉綠素a | μg/L | 15.1 | 17.2 | 4.4 | 13.3 | 10.9 | 8.3 | 16.3 | 26.4 | 5.6 | 12.4 | 14.2 | 14.2 | 11.3 | 3.8 | 1.5 | 28.8 | 13.0 | 9.8 | 0.1 | — | — |
| 卡爾森指數(CTSI) | | 53.70 | - | - | 54.88 | - | - | 56.04 | - | - | 57.09 | - | - | 59.05 | - | - | 60.40 | - | - | — | — | — |
| TSI (Chl-a) | | 57.23 | 58.51 | 45.13 | 55.99 | 54.03 | 51.36 | 57.98 | 62.71 | 47.50 | 55.30 | 56.63 | 56.63 | 54.39 | 43.70 | 34.58 | 63.57 | 55.76 | 52.99 | — | — | — |
| TSI(SD) | | 55.15 | - | - | 53.23 | - | - | 55.15 | - | - | 58.63 | - | - | 58.63 | - | - | 56.22 | - | - | — | — | — |
| TSI (TP) | | 48.72 | 46.61 | 48.72 | 55.42 | 50.57 | 52.20 | 55.00 | 55.42 | 49.98 | 57.34 | 56.22 | 57.34 | 64.12 | 64.12 | 64.56 | 61.40 | 63.89 | 63.89 | — | — | — |
| 優養程度 | | 優養 | - | - | 優養 | - | - | 優養 | - | - | 優養 | - | - | 優養 | - | - | 優養 | - | - | — | — | — |
| 卡爾森指數單一參數指數判定 | | | | | | | | | | | | | | | | | | | | — | — | — |
| 葉綠素a | | 優養 | 優養 | 普養 | 優養 | 優養 | 優養 | 優養 | 優養 | 普養 | 優養 | 優養 | 優養 | 優養 | 普養 | 貧養 | 優養 | 優養 | 優養 | — | — | — |
| 透明度 | | 優養 | - | - | 優養 | - | - | 優養 | - | - | 優養 | - | - | 優養 | - | - | 優養 | - | - | — | — | — |
| 總磷 | | 普養 | 普養 | 普養 | 優養 | 優養 | 優養 | 優養 | 優養 | 普養 | 優養 | 優養 | 優養 | 優養 | 優養 | 優養 | 優養 | 優養 | 優養 | — | — | — |