

### Water Quality Data of Yan Chau Tong Marine Park from July to September 2024 (3rd Quarter)

|                                        | Yan Chau Tong |        | Lai Chi Wo |        | Kau Ma Shek |        |
|----------------------------------------|---------------|--------|------------|--------|-------------|--------|
|                                        | Surface       | Bottom | Surface    | Bottom | Surface     | Bottom |
| Water Depth                            |               |        |            |        |             |        |
| Air Temperature (°C)                   | 24.80         |        | 24.80      |        | 24.80       |        |
| Water Temperature (°C)                 | 25.50         | 22.90  | 25.50      | 22.70  | 25.50       | 23.80  |
| Salinity (‰)                           | 31.60         | 33.30  | 31.50      | 33.40  | 31.50       | 32.80  |
| Dissolved Oxygen (mg/L)                | 5.70          | 2.50   | 5.50       | 3.50   | 5.60        | 3.05   |
| pH                                     | 8.00          | 7.90   | 8.10       | 8.00   | 8.10        | 7.90   |
| Secchi Disc Depth (m)                  | 2.4           |        | 2.5        |        | 2.1         |        |
| Turbidity (NTU)                        | <1            | <1     | <1         | <1     | <1          | <1     |
| Suspended Solids (mg/L)                | <2            | <2     | <2         | <2     | 2.50        | 2.50   |
| 5-Day Biochemical Oxygen Demand (mg/L) | <2            | <2     | <2         | <2     | <2          | <2     |
| Ammoniacal Nitrogen (mg/L)             | <0.01         | <0.01  | <0.01      | <0.01  | <0.01       | <0.01  |
| Unionized Ammonia (mg/L)               | <0.01         | <0.01  | <0.01      | <0.01  | <0.01       | <0.01  |
| Nitrite Nitrogen (mg/L)                | <0.01         | <0.01  | <0.01      | <0.01  | <0.01       | <0.01  |
| Nitrate Nitrogen (mg/L)                | 0.02          | 0.02   | 0.02       | 0.02   | 0.02        | 0.02   |
| Total Inorganic Nitrogen (mg/L)        | <0.02         | <0.02  | <0.02      | <0.02  | <0.02       | <0.02  |
| Total Kjeldahl Nitrogen (mg/L)         | 0.20          | 0.25   | 0.20       | 0.20   | 0.20        | 0.20   |
| Total Nitrogen (mg/L)                  | 0.30          | 0.25   | 0.25       | 0.25   | 0.20        | 0.20   |
| Orthophosphate Phosphorus (mg/L)       | <0.01         | 0.02   | <0.01      | 0.01   | 0.01        | <0.01  |
| Total Phosphorus (mg/L)                | <0.1          | <0.1   | <0.1       | <0.1   | <0.1        | <0.1   |
| Chlorophyll-a (µg/L)                   | 3.90          | 3.40   | 3.70       | 4.55   | 3.85        | 3.90   |
| <i>E. coli</i> (cfu/100 mL)            | 6             | 8      | 9          | 4      | 4           | 6      |
| Faecal Coliforms (cfu/100 mL)          | 26            | 34     | 27         | 19     | 14          | 19     |