

**Water Quality Data of Tung Ping Chau Marine Park from July to September 2020 (3rd Quarter)**

|                                        | Ma Kok Tsui |        | Cheung Sha Wan |        |
|----------------------------------------|-------------|--------|----------------|--------|
| Water Depth                            | Surface     | Bottom | Surface        | Bottom |
| Air Temperature (°C)                   | 27.20       |        | 27.40          |        |
| Water Temperature (°C)                 | 29.10       | 29.20  | 29.10          | 29.30  |
| Salinity (‰)                           | 31.90       | 32.10  | 31.80          | 32.30  |
| Dissolved Oxygen (mg/L)                | 6.50        | 6.50   | 6.55           | 6.60   |
| pH                                     | 8.30        | 8.30   | 8.30           | 8.20   |
| Secchi Disc Depth (m)                  | 1.2         |        | 1.3            |        |
| Turbidity (NTU)                        | <1          | <1     | <1             | <1     |
| Suspended Solids (mg/L)                | 3.00        | 3.50   | 3.00           | 2.00   |
| 5-Day Biochemical Oxygen Demand (mg/L) | <2          | <2     | <2             | <2     |
| Ammoniacal Nitrogen (mg/L)             | <0.01       | <0.01  | <0.01          | <0.01  |
| Unionized Ammonia (mg/L)               | <0.01       | <0.01  | <0.01          | <0.01  |
| Nitrite Nitrogen (mg/L)                | <0.01       | <0.01  | <0.01          | <0.01  |
| Nitrate Nitrogen (mg/L)                | 0.03        | 0.04   | 0.03           | 0.03   |
| Total Inorganic Nitrogen (mg/L)        | 0.03        | 0.04   | 0.03           | 0.03   |
| Total Kjeldahl Nitrogen (mg/L)         | 0.20        | 0.20   | 0.20           | 0.20   |
| Total Nitrogen (mg/L)                  | 0.20        | 0.20   | 0.20           | 0.20   |
| Orthophosphate Phosphorus (mg/L)       | <0.01       | <0.01  | <0.01          | <0.01  |
| Total Phosphorus (mg/L)                | <0.1        | <0.1   | <0.1           | <0.1   |
| Chlorophyll-a (µg/L)                   | 1.45        | 1.45   | 1.65           | 1.35   |
| <i>E. coli</i> (cfu/100 mL)            | 125         | 145    | 355            | 340    |
| Faecal Coliforms (cfu/100 mL)          | 255         | 385    | 500            | 685    |