

Water Quality Data of Yan Chau Tong Marine Park from October to December 2018 (4th Quarter)

| | Yan Chau Tong | | Lai Chi Wo | | Kau Ma Shek | |
|--|---------------|--------|------------|--------|-------------|--------|
| Water Depth | Surface | Bottom | Surface | Bottom | Surface | Bottom |
| Air Temperature (°C) | 25.10 | | 25.00 | | 25.00 | |
| Temperature (°C) | 24.90 | 24.30 | 24.70 | 24.40 | 25.20 | 24.40 |
| Salinity (‰) | 32.00 | 32.20 | 31.85 | 32.00 | 32.00 | 32.10 |
| Dissolved Oxygen (mg/L) | 8.15 | 6.90 | 8.10 | 7.00 | 8.00 | 7.30 |
| pH | 8.30 | 8.10 | 8.30 | 8.20 | 8.20 | 8.20 |
| Secchi Disc Depth (m) | 3.2 | | 3.0 | | 3.1 | |
| Turbidity (NTU) | 1.00 | 1.00 | 1.50 | 2.00 | 1.50 | 1.00 |
| Suspended Solids (mg/L) | 9.50 | 7.00 | 10.50 | 6.50 | 8.50 | 4.50 |
| 5-Day Biochemical Oxygen Demand (mg/L) | <2 | <2 | <2 | <2 | <2 | 2.00 |
| 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) | 0.01 | <0.01 | 0.02 | 0.02 | <0.01 | 0.01 |
| Total Inorganic Nitrogen (mg/L) | <0.02 | <0.02 | 0.02 | 0.02 | <0.02 | <0.02 |
| Total Kjeldahl Nitrogen (mg/L) | 0.20 | 0.20 | 0.40 | 0.45 | 0.20 | 0.30 |
| Total Nitrogen (mg/L) | 0.20 | 0.20 | 0.40 | 0.45 | 0.20 | 0.30 |
| Orthophosphate Phosphorus (mg/L) | <0.01 | <0.01 | <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) | 2.65 | 4.50 | 4.45 | 2.95 | 0.55 | 1.30 |
| <i>E. coli</i> (cfu/100 mL) | 0 | 1 | 7 | 2 | 0 | 1 |
| Faecal Coliforms (cfu/100 mL) | 1 | 3 | 12 | 3 | 1 | 2 |