

Water quality of Cape D'Aguiar Marine Reserve in Year 2021

| | Hok Tsui Wan | | Telegraph Bay | |
|--|--------------|--------|---------------|--------|
| | Surface | Bottom | Surface | Bottom |
| Water Depth | | | | |
| Air Temperature (°C) | 22.60 | | 22.35 | |
| Temperature (°C) | 24.10 | 22.19 | 23.48 | 22.14 |
| Salinity (‰) | 30.80 | 31.55 | 31.16 | 33.58 |
| Dissolved Oxygen (mg/L) | 7.85 | 6.20 | 7.48 | 6.21 |
| pH | 8.15 | 8.05 | 8.15 | 8.08 |
| Secchi Disc Depth (m) | 1.3 | | 1.3 | |
| Turbidity (NTU) | 1.67 | 1.50 | 1.25 | 1.50 |
| Suspended Solids (mg/L) | 2.13 | 2.13 | 4.13 | 4.38 |
| 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 | 0.02 | 0.01 |
| Nitrate Nitrogen (mg/L) | 0.14 | 0.03 | 0.14 | 0.09 |
| Total Inorganic Nitrogen (mg/L) | 0.12 | 0.03 | 0.15 | 0.10 |
| Total Kjeldahl Nitrogen (mg/L) | 0.25 | 0.21 | 0.26 | 0.25 |
| Total Nitrogen (mg/L) | 0.40 | 0.28 | 0.41 | 0.33 |
| 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) | 7.09 | 3.28 | 6.50 | 6.06 |
| <i>E. coli</i> (cfu/100 mL) | 15 | 18 | 13 | 14 |
| Faecal Coliforms (cfu/100 mL) | 24 | 33 | 23 | 25 |