

Water Quality Data of Cape D'Aguiar Marine Reserve from October to December 2016 (4th Quarter)

| | Hok Tsui Wan | | Telegraph Bay | |
|--|--------------|--------|---------------|--------|
| | Surface | Bottom | Surface | Bottom |
| Water Depth | | | | |
| Air Temperature (°C) | 24.00 | | 24.00 | |
| Temperature (°C) | 25.41 | 25.43 | 25.43 | 25.52 |
| Salinity (‰) | 31.00 | 32.00 | 32.00 | 32.00 |
| Dissolved Oxygen (mg/L) | 7.10 | 6.70 | 6.90 | 6.70 |
| pH | 7.75 | 7.86 | 7.88 | 7.87 |
| Secchi Disc Depth (m) | 2.4 | | 2.2 | |
| Turbidity (NTU) | 2.00 | 2.50 | 2.00 | 1.50 |
| Suspended Solids (mg/L) | 2.50 | 4.50 | 4.50 | 3.50 |
| 5-Day Biochemical Oxygen Demand (mg/L) | <2 | <2 | <2 | <2 |
| Ammoniacal Nitrogen (mg/L) | <0.01 | 0.02 | <0.01 | 0.01 |
| Unionized Ammonia (mg/L) | <0.01 | <0.01 | <0.01 | <0.01 |
| Nitrite Nitrogen (mg/L) | 0.06 | 0.06 | 0.05 | 0.06 |
| Nitrate Nitrogen (mg/L) | 0.08 | 0.09 | 0.08 | 0.10 |
| Total Inorganic Nitrogen (mg/L) | 0.14 | 0.15 | 0.13 | 0.17 |
| Total Kjeldahl Nitrogen (mg/L) | 0.20 | 0.30 | 0.20 | 0.20 |
| Total Nitrogen (mg/L) | 0.30 | 0.40 | 0.30 | 0.35 |
| Orthophosphate Phosphorus (mg/L) | 0.01 | 0.01 | 0.02 | 0.01 |
| Total Phosphorus (mg/L) | <0.1 | <0.1 | <0.1 | <0.1 |
| Chlorophyll-a (µg/L) | 0.55 | 0.70 | 0.40 | 0.60 |
| <i>E. coli</i> (cfu/100 mL) | 7 | 335 | 10 | 2850 |
| Faecal Coliforms (cfu/100 mL) | 11 | 540 | 19 | 3400 |