

Water Quality Data of Hoi Ha Wan Marine Park from January to March 2019 (1st Quarter)

| | Coral Beach | | Mo Chau | | Heung Lo Kok | | Pier | |
|--|-------------|--------|---------|--------|--------------|--------|---------|--------|
| Water Depth | Surface | Bottom | Surface | Bottom | Surface | Bottom | Surface | Bottom |
| Air Temperature (°C) | 19.8 | | 19.8 | | 19.8 | | 19.7 | |
| Temperature (°C) | 18.70 | 18.60 | 18.90 | 18.70 | 18.80 | 18.80 | 19.00 | 19.00 |
| Salinity (‰) | 32.05 | 32.05 | 32.09 | 32.10 | 32.08 | 32.05 | 32.09 | 32.09 |
| Dissolved Oxygen (mg/L) | 8.27 | 8.20 | 8.78 | 8.43 | 8.42 | 8.46 | 8.86 | 8.92 |
| pH | 8.27 | 8.28 | 8.30 | 8.29 | 8.29 | 8.29 | 8.32 | 8.32 |
| Secchi Disc Depth (m) | 2.7 | | 2.5 | | 2.6 | | 2.3 | |
| Turbidity (NTU) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| Suspended Solids (mg/L) | <2 | <2 | <2 | >2 | <2 | <2 | <2 | <2 |
| 5-Day Biochemical Oxygen Demand (mg/L) | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 |
| Ammoniacal Nitrogen (mg/L) | 0.01 | 0.01 | <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 | <0.01 | <0.01 |
| Nitrite Nitrogen (mg/L) | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Nitrate Nitrogen (mg/L) | 0.18 | 0.13 | 0.09 | 0.06 | 0.13 | 0.12 | 0.09 | 0.09 |
| Total Inorganic Nitrogen (mg/L) | 0.18 | 0.14 | 0.11 | 0.11 | 0.13 | 0.12 | 0.09 | 0.09 |
| Total Kjeldahl Nitrogen (mg/L) | 0.25 | 0.15 | 0.25 | 0.20 | 0.20 | 0.20 | 0.25 | 0.40 |
| Total Nitrogen (mg/L) | 0.40 | 0.30 | 0.40 | 0.30 | 0.35 | 0.30 | 0.35 | 0.40 |
| Orthophosphate Phosphorus (mg/L) | 0.02 | 0.01 | 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 | <0.1 | <0.1 |
| Chlorophyll-a (µg/L) | 0.70 | 0.85 | 2.30 | 2.20 | 1.80 | 2.20 | 4.85 | 5.35 |
| <i>E. coli</i> (cfu/100 mL) | 0 | 0 | 1 | 2 | 0 | 0 | 2 | 1 |
| Faecal Coliforms (cfu/100 mL) | 0 | 0 | 1 | 5 | 1 | 2 | 2 | 4 |