

Water Quality Data of Hoi Ha Wan Marine Park from October to December 2023 (4th Quarter)

| | Coral Beach | | Mo Chau | | Heung Lo Kok | | Pier | |
|--|-------------|--------|---------|--------|--------------|--------|---------|--------|
| Water Depth | Surface | Bottom | Surface | Bottom | Surface | Bottom | Surface | Bottom |
| Air Temperature (°C) | 23.6 | | 23.6 | | 23.6 | | 23.6 | |
| Temperature (°C) | 23.60 | 23.00 | 23.60 | 23.10 | 23.60 | 23.00 | 23.70 | 23.50 |
| Salinity (‰) | 29.60 | 31.40 | 29.80 | 31.40 | 29.70 | 31.50 | 29.90 | 30.90 |
| Dissolved Oxygen (mg/L) | 9.00 | 5.60 | 8.80 | 5.50 | 8.90 | 5.40 | 8.90 | 6.90 |
| pH | 8.30 | 8.10 | 8.40 | 8.00 | 8.30 | 8.10 | 8.30 | 8.20 |
| Secchi Disc Depth (m) | 2.4 | | 2.1 | | 2.3 | | 2.2 | |
| 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 | 0.03 | 0.03 | 0.04 | <0.01 | <0.01 | 0.03 | 0.04 |
| 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) | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Total Inorganic Nitrogen (mg/L) | <0.02 | <0.02 | 0.03 | 0.04 | <0.02 | <0.02 | 0.03 | 0.04 |
| Total Kjeldahl Nitrogen (mg/L) | 0.40 | 0.40 | 0.40 | 0.40 | 0.20 | 0.35 | 0.40 | 0.40 |
| Total Nitrogen (mg/L) | 0.40 | 0.40 | 0.40 | 0.40 | 0.30 | 0.35 | 0.40 | 0.40 |
| Orthophosphate Phosphorus (mg/L) | <0.01 | <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) | 7.15 | 7.45 | 7.45 | 7.80 | 7.15 | 7.85 | 8.55 | 9.50 |
| <i>E. coli</i> (cfu/100 mL) | 7 | 11 | 13 | 9 | 8 | 19 | 6 | 4 |
| Faecal Coliforms (cfu/100 mL) | 23 | 26 | 25 | 25 | 20 | 30 | 21 | 18 |