

**Water Quality Data of Hoi Ha Wan Marine Park from January to March 2024 (1st Quarter)**

	Coral Beach		Mo Chau		Heung Lo Kok		Pier	
	Surface	Bottom	Surface	Bottom	Surface	Bottom	Surface	Bottom
Water Depth								
Air Temperature (°C)	19.4		19.4		19.4		19.4	
Temperature (°C)	18.70	17.50	18.70	17.60	18.70	17.60	18.60	18.00
Salinity (‰)	30.50	31.30	30.50	31.20	30.50	31.20	30.40	30.80
Dissolved Oxygen (mg/L)	7.40	5.90	7.30	6.20	7.20	6.20	7.30	6.80
pH	8.20	8.10	8.20	8.10	8.20	8.10	8.20	8.10
Secchi Disc Depth (m)	2.5		2.5		2.4		2.2	
Turbidity (NTU)	<1	<1	<1	<1	<1	<1	<1	<1
Suspended Solids (mg/L)	<2	2.00	<2	3.00	<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)	<0.01	<0.01	0.09	0.06	<0.01	<0.01	<0.01	<0.01
Total Inorganic Nitrogen (mg/L)	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Total Kjeldahl Nitrogen (mg/L)	0.20	0.20	0.20	0.25	0.20	0.20	0.20	0.20
Total Nitrogen (mg/L)	0.20	0.20	0.20	0.25	0.20	0.20	0.20	0.20
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)	4.20	4.00	3.55	3.95	4.35	4.70	3.85	4.00
<i>E. coli</i> (cfu/100 mL)	1	0	0	1	1	0	1	1
Faecal Coliforms (cfu/100 mL)	1	0	1	1	1	1	1	1