

**Water quality of Hoi Ha Wan Marine Park in Year 2019**

	Coral Beach		Mo Chau		Heung Lo Kok		Pier	
	Surface	Bottom	Surface	Bottom	Surface	Bottom	Surface	Bottom
Water Depth								
Air Temperature (°C)	25.50		25.53		25.55		25.35	
Temperature (°C)	25.14	24.60	25.45	24.51	24.45	23.86	25.36	24.74
Salinity (‰)	32.18	32.21	32.07	32.53	32.20	32.49	32.20	32.45
Dissolved Oxygen (mg/L)	7.34	6.85	7.41	6.93	7.38	7.04	7.44	7.30
pH	8.17	8.22	8.21	8.25	8.22	8.22	8.23	8.21
Secchi Disc Depth (m)	3.0		2.8		2.7		2.3	
Turbidity (NTU)	<1	<1	<1	<1	<1	<1	1.13	1.00
Suspended Solids (mg/L)	2.25	4.13	2.25	2.13	2.75	2.13	3.50	4.00
5-Day Biochemical Oxygen Demand (mg/L)	2.13	2.75	<2	<2	2.88	2.00	2.25	2.00
Ammoniacal Nitrogen (mg/L)	0.01	0.01	<0.01	<0.01	0.01	0.02	0.02	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)	0.05	0.04	0.03	0.02	0.04	0.04	0.03	0.03
Total Inorganic Nitrogen (mg/L)	0.06	0.05	0.05	0.05	0.06	0.05	0.05	0.04
Total Kjeldahl Nitrogen (mg/L)	0.36	0.36	0.38	0.31	0.36	0.43	0.34	0.34
Total Nitrogen (mg/L)	0.40	0.40	0.41	0.34	0.45	0.45	0.36	0.34
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)	1.03	1.18	1.61	1.66	1.48	1.59	2.59	2.28
<i>E. coli</i> (cfu/100 mL)	1	2	5	2	4	2	3	1
Faecal Coliforms (cfu/100 mL)	27	36	73	76	114	36	25	23