

Water quality of Hoi Ha Wan Marine Park in Year 2013

	Coral Beach		Mo Chau		Heung Lo Kok	
	Surface	Bottom	Surface	Bottom	Surface	Bottom
Water Depth						
Air Temperature (°C)	25.8		26.0		26.4	
Temperature (°C)	24.54	24.26	24.48	24.36	24.45	23.93
Salinity (‰)	31.18	31.54	31.22	31.34	31.16	31.82
Dissolved Oxygen (mg/L)	7.12	6.47	6.76	6.70	6.95	5.97
pH	8.17	8.13	8.18	8.18	8.14	8.06
Secchi Disc Depth (m)	3.8		4.0		6.2	
Turbidity (NTU)	1.60	1.76	1.73	6.74	1.80	7.94
Suspended Solids (mg/L)	4.24	7.11	8.24	4.95	6.46	8.37
5-Day Biochemical Oxygen Demand (mg/L)	<2	2.30	<2	<2	<2	3.43
Ammoniacal Nitrogen (mg/L)	0.02	0.02	0.02	0.03	0.02	0.02
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.02	0.02	0.02	0.02	0.02	0.02
Nitrate Nitrogen (mg/L)	<0.05	<0.05	0.07	0.08	0.09	0.07
Total Inorganic Nitrogen (mg/L)	<0.1	<0.1	0.12	0.14	0.13	0.12
Total Kjeldahl Nitrogen (mg/L)	0.37	0.43	0.38	0.47	0.37	0.55
Total Nitrogen (mg/L)	0.41	0.42	0.40	0.52	0.39	0.57
Orthophosphate Phosphorus (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Total Phosphorus (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorophyll-a (µg/L)	2.25	2.43	1.92	2.16	1.99	1.38
<i>E. coli</i> (cfu/100 mL)	1	1	0	1	0	1
Faecal Coliforms (cfu/100 mL)	11	38	12	11	1	3