

Water quality data of Hoi Ha Wan Marine Park from Jan to Mar 2007 (First Quarter)

	Coral Beach		Mo Chau		Heung Lo Kok	
No. of Sample	1		1		1	
Depth (m)	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	16.3		16.5		17	
Temperature (°C)	16.51	16.53	16.54	16.61	16.6	16.59
Salinity (ppt)	33.34	33.25	33.35	28.62	33.27	30.01
DO (mg/L)	8.91	8.9	9.11	4.57	8.6	7.51
pH	8.14	7.88	8.09	7.52	7.95	7.56
Secchi depth (m)	3.5		4		3.5	
Turbidity (NTU)	1	1	0.9	1.1	1.6	0.8
Suspended solids (mg/L)	1.36	1.39	1.44	1.33	1.65	2
BOD ₅ (mg/L)	1.68	1.63	1.74	1.84	1.74	1.64
Ammoniacal nitrogen (mg/L)	0.04	0.06	0.05	0.05	0.03	0.03
Unionized ammonia (mg/L)	0.004	0.011	0.005	0.023	0.004	0.009
Nitrite nitrogen (mg/L)	0.01	0.05	0.07	0.03	0.08	0.01
Nitrate nitrogen (mg/L)	0.19	0.16	0.16	0.17	0.14	0.19
TIN (mg/L)	0.24	0.27	0.27	0.25	0.24	0.23
TKN (mg/L)	0.48	0.59	0.5	0.44	0.51	0.38
TN (mg/L)	0.69	0.8	0.72	0.65	0.73	0.58
Orthophosphate phosphorus (mg/L)	0.03	0.03	0.03	0.03	0.04	0.05
TP (mg/L)	0.27	0.27	0.31	0.48	0.43	0.35
Chlorophyll-a (µg/L)	1.24	1.34	1.18	1.25	1.51	1.47
<i>E. coli</i> (CFU/100 mL)	0	0	0	0	0	0
Fecal coliforms (CFU/100 mL)	0	10	10	5	0	5