

Water quality data of Hoi Ha Wan Marine Park from April to June 2006 (Second 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)	26.6		27.1		27.9	
Temperature (°C)	24.66	24.28	24.65	24.43	24.68	24.24
Salinity (ppt)	32.72	30.2	32.68	32.75	32.65	32
DO (mg/L)	6.65	4.08	6.96	6.49	7.41	6.06
pH	8.2	7.89	8.19	8.17	8.22	8.13
Secchi depth (m)	5.2		4.5		6.5	
Turbidity (NTU)	0.9	0.5	1.2	1	0.8	2.6
Suspended solids (mg/L)	0.57	3.59	0.65	2.9	0.4	1.59
BOD ₅ (mg/L)	0.18	0.12	0.24	0.15	0.84	0.14
Ammoniacal nitrogen (mg/L)	0.02	0.04	0.02	0.02	0.02	0.01
Unionized ammonia (mg/L)	0.002	0.007	0.002	0.002	0.002	0.002
Nitrite nitrogen (mg/L)	0.06	0.08	0.07	0.1	0.09	0.07
Nitrate nitrogen (mg/L)	0.35	0.74	0.66	0.14	0.65	0.21
TIN (mg/L)	0.43	0.86	0.75	0.26	0.75	0.29
TKN (mg/L)	0.73	1.14	0.85	0.76	0.59	0.64
TN (mg/L)	1.15	1.97	1.58	1	1.32	0.92
Orthophosphate phosphorus (mg/L)	0.21	0.2	0.21	0.21	0.25	0.25
TP (mg/L)	0.52	0.57	0.54	0.4	0.43	0.38
Chlorophyll-a (µg/L)	1	1	1.2	0.94	1.29	0.68
<i>E. coli</i> (CFU/100 mL)	5	10	0	15	0	0
Fecal coliforms (CFU/100 mL)	30	2545	0	1270	0	2220

ND: Not detectable