

Water quality data of Hoi Ha Wan Marine Park from July to September 2006 (Third 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)	28		27.5		27.3	
Temperature (°C)	28.44	24.46	28.47	26.56	28.38	24
Salinity (ppt)	25.86	33.09	26.57	30.06	26.71	32.1
DO (mg/L)	7.04	2.71	7.08	4.43	6.89	2.06
pH	8.46	7.92	8.48	8.19	8.47	7.89
Secchi depth (m)	4		3.8		4	
Turbidity (NTU)	1	7.8	1	2.3	0.4	4
Suspended solids (mg/L)	0.75	5.88	1.12	4.01	0.98	3.16
BOD ₅ (mg/L)	2.43	2.11	2.65	1.66	2.65	1.73
Ammoniacal nitrogen (mg/L)	0.06	0.08	0.03	0.07	0.05	0.05
Unionized ammonia (mg/L)	0.003	0.015	0.002	0.007	0.002	0.01
Nitrite nitrogen (mg/L)	0.03	0.09	0.04	0.02	0.04	0.04
Nitrate nitrogen (mg/L)	0.22	0.17	0.13	0.04	0.07	0.12
TIN (mg/L)	0.31	0.34	0.2	0.13	0.15	0.21
TKN (mg/L)	0.89	0.89	0.59	0.56	0.76	0.8
TN (mg/L)	1.13	1.15	0.76	0.62	0.86	0.96
Orthophosphate phosphorus (mg/L)	0.03	0.05	0.04	0.03	0.04	0.04
TP (mg/L)	0.23	0.24	0.23	0.26	0.25	0.25
Chlorophyll-a (µg/L)	1.48	0.53	1.96	0.29	2.4	0.54
<i>E. coli</i> (CFU/100 mL)	20	0	25	5	0	5
Fecal coliforms (CFU/100 mL)	50	270	65	195	5	165