

Water quality data of Hoi Ha Wan Marine Park from July to September 2007 (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)	29.2		28.9		28.5	
Temperature (°C)	28.63	23.07	28.45	22.66	28.34	22.79
Salinity (ppt)	31.5	34.8	31.5	34.9	31.5	34.8
DO (mg/L)	5.95	1.51	6.1	1.73	5.9	1.38
pH	8.21	7.8	8.23	7.85	8.25	8.03
Secchi depth (m)	7		8		6	
Turbidity (NTU)	0.3	4.2	0.9	1.8	0.2	3.9
Suspended solids (mg/L)	0.89	1.21	0.83	1.12	0.69	1.5
BOD ₅ (mg/L)	0.88	0.93	0.92	0.68	1.29	0.62
Ammoniacal nitrogen (mg/L)	0.13	0.01	0.01	0.01	0.04	0.22
Unionized ammonia (mg/L)	0.013	0.003	0.001	0.001	0.004	0.034
Nitrite nitrogen (mg/L)	0.02	0.02	0.02	0.02	0.02	0.02
Nitrate nitrogen (mg/L)	0.1	0.07	0.13	0.15	0.1	0.04
TIN (mg/L)	0.25	0.1	0.16	0.17	0.16	0.28
TKN (mg/L)	0.43	0.4	0.43	0.32	0.4	0.42
TN (mg/L)	0.55	0.49	0.58	0.48	0.52	0.47
Orthophosphate phosphorus (mg/L)	0.08	0.1	0.06	0.1	0.08	0.08
TP (mg/L)	0.12	0.11	0.12	0.13	0.12	0.09
Chlorophyll-a (µg/L)	1.33	2.87	1.34	1.88	1.69	1.68
<i>E. coli</i> (CFU/100 mL)	0	0	0	0	0	0
Fecal coliforms (CFU/100 mL)	20	2085	65	950	45	7540