

Water quality data of Hoi Ha Wan Marine Park from July to September 2005 (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)	28.6		28.8		29.2	
Temperature (°C)	28.33	27.72	28.21	27.66	28.33	27.62
Salinity (ppt)	32.52	33.96	32.34	33.65	31.88	33.51
DO (mg/L)	5.18	4.65	5.95	3.75	5.37	3.93
pH	8.15	7.99	8.61	7.99	8.19	8.02
Secchi depth (m)	4.8		5		4.5	
Turbidity (NTU)	2.1	2.6	1.2	6.5	1.3	5
Suspended solids (mg/L)	1.95	3.76	1.79	4.06	1.49	6.9
BOD ₅ (mg/L)	0.78	0.51	0.81	0.44	1.05	0.45
Ammoniacal nitrogen (mg/L)	0.2	0.19	0.1	0.13	0.17	0.16
Unionized ammonia (mg/L)	0.02	0.03	0	0.02	0.02	0.02
Nitrite nitrogen (mg/L)	0.18	0.18	0.18	0.18	0.07	0.13
Nitrate nitrogen (mg/L)	0.27	0.32	0.26	0.26	0.4	0.29
TIN (mg/L)	0.65	0.69	0.54	0.57	0.64	0.57
TKN (mg/L)	1.96	2.25	1.74	1.74	1.96	2.1
TN (mg/L)	2.41	2.75	2.18	2.18	2.43	2.51
Orthophosphate phosphorus	0.05	0.08	0.06	0.07	0.04	0.04
TP (mg/L)	0.27	0.25	0.14	0.15	0.19	0.22
Chlorophyll-a (µg/L)	1.64	1.43	1.56	1.06	0.98	1.1
<i>E. coli</i> (CFU/100 mL)	0	5	0	0	0	10
Fecal coliforms (CFU/100 mL)	125	325	40	555	25	2815