

Water quality data of Hoi Ha Wan Marine Park from July to September 2008 (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)	33.3		23.7		31.8	
Temperature (°C)	29.07	25.04	24.85	24	29.12	24.88
Salinity (ppt)	33	33.5	33.1	33.7	33.1	33.9
DO (mg/L)	8.33	8.46	5.9	4.08	8.17	4.2
pH	8.21	8.09	8.21	8.19	8.23	7.98
Secchi depth (m)	4		7		4	
Turbidity (NTU)	0.9	1.2	0.8	0.8	0.9	2.1
Suspended solids (mg/L)	1.13	1.4	0.58	0.96	1.1	2.39
BOD ₅ (mg/L)	1.99	1.58	0.99	0.92	1.9	0.87
Ammoniacal nitrogen (mg/L)	0.08	0.1	0.02	0.03	0.04	0.11
Unionized ammonia (mg/L)	0.008	0.012	0.002	0.003	0.004	0.016
Nitrite nitrogen (mg/L)	0.02	ND	0.02	0.03	ND	0.01
Nitrate nitrogen (mg/L)	0.15	0.08	0.07	0.07	0.1	0.16
TIN (mg/L)	0.26	0.18	0.11	0.12	0.15	0.27
TKN (mg/L)	0.2	0.16	0.1	0.09	0.1	0.11
TN (mg/L)	0.37	0.24	0.19	0.19	0.2	0.27
Orthophosphate phosphorus (mg/L)	0.1	0.14	0.06	0.06	0.12	0.09
TP (mg/L)	0.21	0.2	0.6	0.64	0.16	0.18
Chlorophyll-a (µg/L)	2.27	3.3	1.71	2.46	2.22	3.31
<i>E. coli</i> (CFU/100 mL)	0	0	0	0	0	0
Fecal coliforms (CFU/100 mL)	0	0	0	0	0	0

ND: Not detectable