

Water quality data of Hoi Ha Wan Marine Park from April to June 2009 (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)	30.3		30		30.3	
Temperature (°C)	27.97	26.11	27.77	25.9	27.55	25.84
Salinity (ppt)	30.92	33.65	31.06	33.87	30.07	33.9
DO (mg/L)	6.71	3.98	7.13	4.48	7.07	4.23
pH	8.22	8	8.22	7.98	8.23	8
Secchi depth (m)	6		7		6	
Turbidity (NTU)	0.5	4.4	0.2	3.2	0.8	6.6
Suspended solids (mg/L)	0.54	0.4	0.29	0.66	1.11	0.54
BOD ₅ (mg/L)	1.06	0.85	1.17	1.11	1.19	0.87
Ammoniacal nitrogen (mg/L)	0.05	0.01	0.04	0.02	0.03	0.01
Unionized ammonia (mg/L)	0.005	0.002	0.004	0.003	0.003	0.002
Nitrite nitrogen (mg/L)	0.03	0.03	0.04	0.05	0.03	0.02
Nitrate nitrogen (mg/L)	0.06	0.06	0.05	0.05	0.05	0.07
TIN (mg/L)	0.14	0.1	0.13	0.12	0.11	0.1
TKN (mg/L)	0.15	0.11	0.13	0.11	0.1	0.14
TN (mg/L)	0.24	0.2	0.22	0.2	0.18	0.22
Orthophosphate phosphorus (mg/L)	0.06	0.03	0.03	0.05	0.03	0.02
TP (mg/L)	0.09	0.09	0.09	0.1	0.08	0.09
Chlorophyll-a (µg/L)	1.44	1.76	1.54	2.13	1.74	1.93
<i>E. coli</i> (CFU/100 mL)	0	0	0	0	0	0
Fecal coliforms (CFU/100 mL)	0	0	0	0	5	0

ND: Not detectable