

Water quality data of Hoi Ha Wan Marine Park from January to March 2006 (First 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)	19.9		18.2		21	
Temperature (°C)	17.19	16.95	17.16	16.93	17.35	17
Salinity (ppt)	32.62	32.56	32.59	32.56	32.64	32.63
DO (mg/L)	9.01	8.42	8.91	8.53	8.89	8.33
pH	8.22	8.19	8.19	8.19	8.21	8.21
Secchi depth (m)	8.9		6.5		8.9	
Turbidity (NTU)	0.4	0.1	0.1	0	0.9	0.9
Suspended solids (mg/L)	0.71	1.07	0.91	0.89	0.74	0.72
BOD ₅ (mg/L)	0.98	1.11	1.9	1.76	1.59	1.06
Ammoniacal nitrogen (mg/L)	0.06	0.05	0.05	0.04	0.06	0.06
Unionized ammonia (mg/L)	0.01	ND	ND	ND	0.01	0.01
Nitrite nitrogen (mg/L)	0.09	0.06	0.05	0.05	0.06	0.06
Nitrate nitrogen (mg/L)	0.36	0.44	0.45	0.5	0.61	0.66
TIN (mg/L)	0.51	0.55	0.55	0.59	0.73	0.78
TKN (mg/L)	0.28	0.23	0.55	0.35	0.47	0.42
TN (mg/L)	0.73	0.73	1.06	0.89	1.14	1.14
Orthophosphate phosphorus (mg/L)	0.04	0.01	0.02	0.01	0.03	0.03
TP (mg/L)	0.04	0.03	0.02	0.06	0.04	0.04
Chlorophyll-a (µg/L)	1.62	1.78	4.28	5.23	2.8	1.35
<i>E. coli</i> (CFU/100 mL)	0	0	0	0	0	0
Fecal coliforms (CFU/100 mL)	0	540	5	730	15	210

ND: Not detectable