

Water quality data of Hoi Ha Wan Marine Park from January to March 2010 (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)	22.9		23.6		20.3	
Temperature (°C)	16.69	16.08	17.21	16.18	17.03	16.13
Salinity (ppt)	32.7	33.24	32.56	33.31	32.54	33.27
DO (mg/L)	6.65	6.03	6.45	6.04	6.69	5.89
pH	8.08	8.07	8.09	8.09	8.06	8.06
Secchi depth (m)	8		8		8	
Turbidity (NTU)	0.2	1.4	0.1	1.4	0.1	1.9
Suspended solids (mg/L)	0.2	1.3	0.6	1.1	0.6	1
BOD ₅ (mg/L)	1.19	0.85	1.14	0.82	1.07	0.82
Ammoniacal nitrogen (mg/L)	0.05	0.05	0.06	0.15	0.04	0.04
Unionized ammonia (mg/L)	0.006	0.006	0.007	0.018	0.005	0.005
Nitrite nitrogen (mg/L)	ND	ND	ND	ND	ND	ND
Nitrate nitrogen (mg/L)	0.03	ND	0.02	0.01	0.01	0.04
TIN (mg/L)	0.08	0.05	0.08	0.16	0.05	0.08
TKN (mg/L)	0.09	0.07	0.09	0.23	0.07	0.08
TN (mg/L)	0.12	0.07	0.11	0.24	0.08	0.12
Orthophosphate phosphorus (mg/L)	ND	ND	0.01	0.03	0.06	0.04
TP (mg/L)	0.14	0.12	0.08	0.08	0.07	0.14
Chlorophyll-a (µg/L)	1.02	0.74	0.77	0.56	1	0.87
<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