

Water quality data of Hoi Ha Wan Marine Park from January to March 2008 (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)	16.3		13.4		17.3	
Temperature (°C)	14.73	14.46	14.62	14.41	14.71	14.43
Salinity (ppt)	33.2	33.3	33.3	33.3	33.3	33.4
DO (mg/L)	9.24	9.4	9.6	9.61	9.11	9.41
pH	8.29	8.3	8.27	8.28	8.28	8.3
Secchi depth (m)	6		6		7	
Turbidity (NTU)	0.2	0.3	0.2	0.4	0.5	0.6
Suspended solids (mg/L)	0.61	0.87	0.87	0.74	0.78	1.03
BOD ₅ (mg/L)	1.65	1.98	1.67	1.47	1.34	1.56
Ammoniacal nitrogen (mg/L)	0.01	0.1	0.01	ND	0.01	0.02
Unionized ammonia (mg/L)	0.001	0.008	0.001	ND	0.001	0.001
Nitrite nitrogen (mg/L)	0.02	0.02	0.02	0.02	0.03	0.01
Nitrate nitrogen (mg/L)	0.1	0.1	0.1	0.1	0.09	0.11
TIN (mg/L)	0.13	0.22	0.12	0.13	0.13	0.14
TKN (mg/L)	0.43	0.24	0.24	0.24	0.35	0.2
TN (mg/L)	0.55	0.36	0.35	0.36	0.47	0.32
Orthophosphate phosphorus (mg/L)	0.23	0.26	0.25	0.27	0.24	0.24
TP (mg/L)	0.34	0.67	0.63	0.63	0.66	0.71
Chlorophyll-a (µg/L)	4.4	4.06	3.86	5.1	2.39	3.17
<i>E. coli</i> (CFU/100 mL)	0	0	0	0	0	0
Fecal coliforms (CFU/100 mL)	0	15	15	35	0	15

ND: Not detectable