

Water quality data of Hoi Ha Wan Marine Park from October to December 2009 (Forth 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)	15.8		16		16.5	
Temperature (°C)	21.44	20.04	21.45	20.36	21.82	21.32
Salinity (ppt)	32.3	32.22	32.3	32.18	32.28	32.68
DO (mg/L)	6.74	7.11	7.01	7.43	6.82	7.12
pH	8.31	8.27	8.31	8.28	8.3	8.3
Secchi depth (m)	5		5		5	
Turbidity (NTU)	0.6	0.9	0.7	1.5	0.6	5.7
Suspended solids (mg/L)	1.6	1.5	1.7	1.5	1.1	1.8
BOD ₅ (mg/L)	1.11	1.02	1.11	1.07	0.99	1.04
Ammoniacal nitrogen (mg/L)	0.02	0.01	0.02	0.04	ND	0.03
Unionized ammonia (mg/L)	0.002	0.001	0.002	0.003	ND	0.002
Nitrite nitrogen (mg/L)	ND	ND	ND	ND	0.01	0.01
Nitrate nitrogen (mg/L)	0.11	0.07	0.08	0.09	0.05	0.07
TIN (mg/L)	0.13	0.08	0.1	0.13	0.06	0.11
TKN (mg/L)	0.25	0.24	0.23	0.25	0.21	0.29
TN (mg/L)	0.36	0.31	0.31	0.34	0.27	0.37
Orthophosphate phosphorus (mg/L)	0.07	0.06	0.06	0.11	0.04	0.07
TP (mg/L)	0.1	0.06	0.08	0.13	0.11	0.09
Chlorophyll-a (µg/L)	1.74	2.08	1.5	1.67	1.93	1.93
<i>E. coli</i> (CFU/100 mL)	0	0	0	0	0	0
Faecal coliforms (CFU/100 mL)	1	2	3	0	0	0

ND: Not detectable