

Water quality of Hoi Ha Wan Marine Park in Year 2007

	Coral Beach		Moon Island		Heung Lo Kok	
No. of Sample	4		4		4	
Depth (m)	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	23.78		24.18		24.23	
Temperature (°C)	22.96	21.18	23.00	21.03	22.99	21.02
Salinity (ppt)	32.91	33.84	32.89	32.76	32.87	33.10
Dissolved Oxygen (mg/L)	7.26	5.92	7.37	4.89	7.20	5.38
pH	8.17	7.98	8.16	7.92	8.14	7.96
Secchi Depth (m)	4.88		5.18		3.75	
Turbidity (NTU)	0.85	2.05	0.98	1.28	1.00	1.78
Suspended Solids (mg/L)	0.79	1.92	0.94	0.90	0.89	1.20
BOD (mg/L)	0.99	1.05	1.05	0.96	1.13	0.84
Ammoniacal Nitrogen (mg/L)	0.08	0.04	0.04	0.03	0.04	0.09
Unionized Ammonia (mg/L)	0.01	0.01	0.00	0.01	0.00	0.01
Nitrite Nitrogen (mg/L)	0.03	0.04	0.05	0.04	0.05	0.04
Nitrate Nitrogen (mg/L)	0.22	0.14	0.18	0.18	0.14	0.13
Total Inorganic Nitrogen (mg/L)	0.33	0.22	0.26	0.25	0.23	0.26
Total Kjeldahl Nitrogen (mg/L)	1.00	1.12	1.09	1.10	1.10	1.08
Total Nitrogen (mg/L)	1.25	1.31	1.31	1.32	1.29	1.24
Orthophosphate Phosphorus (mg/L)	0.06	0.07	0.05	0.06	0.06	0.05
Total Phosphorus (mg/L)	0.18	0.17	0.17	0.26	0.24	0.18
Chlorophyll-a (µg/L)	3.01	3.34	3.35	3.47	3.28	3.17
<i>E. coli</i> (CFU/100 mL)	0.00	0.00	0.00	0.00	0.00	0.00
Faecal Coliforms (CFU/100 mL)	6.25	615.00	20.00	327.50	11.25	1932.50