

Water quality of the Hoi Ha Wan Marine Park in Year 2003

	Coral Beach		Moon Island		Heung Lo Kok	
No. of sample	4		4		4	
Depth	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	24.65		24.43		23.35	
Temperature (°C)	25.11	25.03	25.20	24.77	25.22	24.53
Salinity (ppt)	31.71	31.71	31.75	31.96	31.65	31.79
Dissolved Oxygen (mg/L)	6.31	6.08	6.31	5.49	6.16	4.44
pH	8.23	8.21	8.23	8.18	8.24	8.13
Secchi Depth (m)	2.50		2.75		2.75	
Turbidity (NTU)	0.74	0.95	0.96	5.90	0.65	11.03
Suspended Solids (mg/L)	6.52	3.78	11.99	15.00	11.08	22.74
BOD (mg/L)	0.84	0.80	0.90	0.72	0.90	0.84
Ammoniacal Nitrogen (mg/L)	0.090	0.090	0.088	0.090	0.084	0.093
Unionized Ammonia (mg/L)	0.010	0.010	0.009	0.010	0.009	0.011
Nitrite Nitrogen (mg/L)	0.021	0.019	0.017	0.020	0.019	0.019
Nitrate Nitrogen (mg/L)	0.020	0.063	0.021	0.049	0.276	0.185
Total Inorganic Nitrogen (mg/L)	0.131	0.172	0.125	0.162	0.379	0.301
Total Kjeldahl Nitrogen (mg/L)	4.067	5.354	5.064	4.974	4.974	5.602
Total Nitrogen (mg/L)	4.098	5.426	5.091	5.036	5.260	5.827
Orthophosphate Phosphorus (mg/L)	0.011	0.011	0.012	0.013	0.010	0.019
Total Phosphorus (mg/L)	0.781	2.572	0.944	4.166	1.673	1.707
Chlorophyll-a (µg/L)	0.876	2.428	1.891	1.079	1.940	2.191
<i>E. coli</i> (CFU/100 mL)	3	1	0	0	2	5
Faecal Coliforms (CFU/100 mL)	21	272	4	164	275	640