

Water quality of Hoi Ha Wan Marine Park in Year 2006

	Coral Beach		Moon Island		Heung Lo Kok	
No. of Sample	4		4		4	
Depth (m)	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	24.33		23.90		24.75	
Temperature (°C)	23.74	22.58	23.73	23.12	23.76	22.46
Salinity (ppt)	31.15	32.30	31.32	32.13	31.35	32.47
Dissolved Oxygen (mg/L)	7.19	5.28	7.32	6.34	7.29	5.52
pH	8.31	8.08	8.31	8.19	8.28	8.12
Secchi Depth (m)	5.55		4.65		7.70	
Turbidity (NTU)	0.98	2.50	1.03	1.30	0.93	2.28
Suspended Solids (mg/L)	0.80	2.97	0.92	2.41	0.70	1.65
BOD (mg/L)	1.18	1.06	1.44	1.12	1.53	1.02
Ammoniacal Nitrogen (mg/L)	0.04	0.05	0.03	0.04	0.04	0.04
Unionized Ammonia (mg/L)	0.00	0.01	0.00	0.00	0.00	0.01
Nitrite Nitrogen (mg/L)	0.05	0.07	0.05	0.05	0.06	0.06
Nitrate Nitrogen (mg/L)	0.25	0.35	0.33	0.18	0.36	0.27
Total Inorganic Nitrogen (mg/L)	0.35	0.46	0.41	0.27	0.45	0.36
Total Kjeldahl Nitrogen (mg/L)	0.62	0.64	0.59	0.52	0.57	0.55
Total Nitrogen (mg/L)	0.92	1.06	0.97	0.75	0.99	0.88
Orthophosphate Phosphorus (mg/L)	0.09	0.10	0.10	0.10	0.11	0.11
Total Phosphorus (mg/L)	0.28	0.29	0.29	0.26	0.26	0.52
Chlorophyll-a (µg/L)	1.80	1.46	2.35	2.17	2.16	1.11
<i>E. coli</i> (CFU/100 mL)	6.25	2.50	6.25	5.00	0.00	1.25
Faecal Coliforms (CFU/100 mL)	21.25	845.00	17.50	553.75	5.00	655.00