

Water quality of Hoi Ha Wan Marine Park in Year 2008

	Coral Beach		Moon Island		Heung Lo Kok	
No. of Sample	4		4		4	
Depth (m)	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	24.35		23.60		23.98	
Temperature (°C)	23.86	22.53	23.85	22.62	23.90	22.50
Salinity (ppt)	33.28	33.63	33.40	33.70	33.33	33.78
Dissolved Oxygen (mg/L)	7.51	6.90	7.58	7.15	7.41	5.99
pH	8.22	8.19	8.21	8.20	8.23	8.15
Secchi Depth (m)	5.25		5.25		6.50	
Turbidity (NTU)	0.88	0.98	1.00	0.88	0.93	1.23
Suspended Solids (mg/L)	1.11	1.25	1.30	1.52	1.01	1.67
BOD (mg/L)	1.34	1.28	1.29	1.18	1.21	0.94
Ammoniacal Nitrogen (mg/L)	0.03	0.06	0.03	0.03	0.02	0.05
Unionized Ammonia (mg/L)	0.003	0.006	0.003	0.003	0.002	0.006
Nitrite Nitrogen (mg/L)	0.02	0.01	0.02	0.02	0.01	0.01
Nitrate Nitrogen (mg/L)	0.10	0.09	0.09	0.08	0.09	0.11
Total Inorganic Nitrogen (mg/L)	0.14	0.15	0.13	0.13	0.13	0.16
Total Kjeldahl Nitrogen (mg/L)	0.22	0.17	0.16	0.15	0.18	0.15
Total Nitrogen (mg/L)	0.33	0.26	0.26	0.26	0.28	0.26
Orthophosphate Phosphorus (mg/L)	0.10	0.12	0.11	0.11	0.11	0.11
Total Phosphorus (mg/L)	0.33	0.44	0.41	0.43	0.42	0.42
Chlorophyll-a (µg/L)	2.90	2.93	2.43	3.24	2.22	2.86
<i>E. coli</i> (CFU/100 mL)	0.00	0.00	0.00	0.00	0.00	0.00
Faecal Coliforms (CFU/100 mL)	1.25	5.00	8.75	12.50	0.00	3.75