

Water quality of Hoi Ha Wan Marine Park in Year 2011

	Coral Beach		Mo Chau		Heung Lo Kok	
No. of Sample	4		4		4	
Water Depth	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	21.69		21.41		21.41	
Temperature (°C)	22.33	20.96	22.28	20.68	22.30	20.61
Salinity (‰)	32.42	33.23	32.17	33.46	32.26	32.88
Dissolved Oxygen (mg/L)	6.79	5.82	7.10	5.45	6.83	4.55
pH	8.15	8.12	8.12	8.07	8.11	8.06
Secchi Disc Depth (m)	3.16		2.97		2.25	
Turbidity (NTU)	0.38	2.65	0.33	13.15	0.50	3.78
Suspended Solids (mg/L)	8.99	11.04	8.14	11.74	5.35	9.15
5-Day Biochemical Oxygen Demand (mg/L)	0.71	0.49	0.56	0.58	0.55	0.78
Ammoniacal Nitrogen (mg/L)	0.03	0.04	0.03	0.04	0.03	0.05
Unionized Ammonia (mg/L)	0.001	0.001	0.001	0.001	0.001	0.002
Nitrite Nitrogen (mg/L)	0.00	0.00	0.00	0.01	0.00	0.01
Nitrate Nitrogen (mg/L)	0.00	0.00	0.04	0.03	0.08	0.05
Total Inorganic Nitrogen (mg/L)	0.03	0.04	0.07	0.07	0.11	0.10
Total Kjeldahl Nitrogen (mg/L)	0.30	0.29	0.23	0.36	0.18	0.25
Total Nitrogen (mg/L)	0.31	0.29	0.26	0.39	0.26	0.31
Orthophosphate Phosphorus (mg/L)	0.01	0.02	0.00	0.02	0.00	0.02
Total Phosphorus (mg/L)	0.02	0.03	0.03	0.04	0.03	0.05
Chlorophyll-a (µg/L)	2.20	2.18	2.37	3.93	2.40	2.40
<i>E. coli</i> (cfu/100 mL)	0.00	0.75	0.00	3.00	0.00	6.00
Faecal Coliforms (cfu/100 mL)	0.00	7.65	0.90	13.15	0.00	13.85