

Water quality of Hoi Ha Wan Marine Park in Year 2010

	Coral Beach		Mo Chau		Heung Lo Kok	
No. of Sample	4		4		4	
Water Depth	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	25.71		25.69		24.93	
Temperature (°C)	22.33	21.80	23.43	21.61	23.99	22.26
Salinity (‰)	33.22	33.59	32.94	33.66	33.10	33.64
Dissolved Oxygen (mg/L)	7.16	6.68	7.65	6.94	7.33	6.42
pH	8.01	7.92	7.89	7.97	8.03	7.97
Secchi Disc Depth (m)	4.65		4.23		6.35	
Turbidity (NTU)	0.25	4.53	0.38	3.98	0.30	11.98
Suspended Solids (mg/L)	52.30	39.99	40.32	41.37	41.38	49.89
5-Day Biochemical Oxygen Demand (mg/L)	1.05	0.97	1.12	1.30	0.83	0.68
Ammoniacal Nitrogen (mg/L)	0.04	0.08	0.07	0.10	0.04	0.07
Unionized Ammonia (mg/L)	0.003	0.004	0.004	0.007	0.005	0.004
Nitrite Nitrogen (mg/L)	0.00	0.00	0.01	0.01	0.01	0.01
Nitrate Nitrogen (mg/L)	0.07	0.05	0.06	0.04	0.05	0.07
Total Inorganic Nitrogen (mg/L)	0.11	0.13	0.14	0.15	0.10	0.15
Total Kjeldahl Nitrogen (mg/L)	0.09	0.08	0.07	0.13	0.07	0.08
Total Nitrogen (mg/L)	0.17	0.13	0.14	0.18	0.13	0.16
Orthophosphate Phosphorus (mg/L)	0.02	0.01	0.01	0.02	0.02	0.03
Total Phosphorus (mg/L)	0.06	0.05	0.05	0.05	0.04	0.06
Chlorophyll-a (µg/L)	1.78	1.98	2.01	1.66	2.46	1.15
<i>E. coli</i> (cfu/100 mL)	0.00	0.00	0.25	0.00	0.00	0.25
Faecal Coliforms (cfu/100 mL)	0.00	0.00	0.25	0.00	0.00	0.25