

Water quality of Hoi Ha Wan Marine Park in Year 2012

	Coral Beach		Mo Chau		Heung Lo Kok	
No. of Sample	4		4		4	
Water Depth	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	22.92		23.20		22.79	
Temperature (°C)	23.56	22.74	23.53	21.76	23.48	22.02
Salinity (‰)	31.39	31.94	31.44	32.58	31.42	32.57
Dissolved Oxygen (mg/L)	8.04	7.19	8.05	6.35	8.02	6.29
pH	8.10	8.02	8.23	8.04	8.23	8.03
Secchi Disc Depth (m)	3.6		3.2		7.8	
Turbidity (NTU)	0.68	1.28	0.78	5.68	0.33	2.45
Suspended Solids (mg/L)	4.35	5.30	4.75	5.00	4.15	5.35
5-Day Biochemical Oxygen Demand (mg/L)	2.83	3.95	2.63	4.03	2.75	5.00
Ammoniacal Nitrogen (mg/L)	0.00	0.00	0.00	0.00	0.00	0.00
Unionized Ammonia (mg/L)	0.000	0.000	0.000	0.000	0.000	0.000
Nitrite Nitrogen (mg/L)	0.00	0.00	0.00	0.00	0.00	0.00
Nitrate Nitrogen (mg/L)	0.06	0.07	0.09	0.15	0.14	0.12
Total Inorganic Nitrogen (mg/L)	0.06	0.07	0.09	0.15	0.14	0.12
Total Kjeldahl Nitrogen (mg/L)	0.27	0.23	0.10	0.08	0.09	0.11
Total Nitrogen (mg/L)	0.33	0.30	0.19	0.23	0.22	0.23
Orthophosphate Phosphorus (mg/L)	0.00	0.00	0.00	0.00	0.00	0.00
Total Phosphorus (mg/L)	0.00	0.00	0.00	0.00	0.00	0.01
Chlorophyll-a (µg/L)	2.94	2.38	2.26	1.25	3.12	1.40
<i>E. coli</i> (cfu/100 mL)	0.00	63.06	0.00	50.90	0.90	45.05
Faecal Coliforms (cfu/100 mL)	0.00	168.07	0.50	72.17	0.90	133.43