

Water Quality Data of Hoi Ha Wan Marine Park from July to September 2012 (Third Quarter)

	Coral Beach		Mo Chau		Heung Lo Kok	
No. of Sample	1		1		1	
Water Depth	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	29.50		29.48		28.28	
Temperature (°C)	30.22	28.08	30.24	23.98	30.20	24.74
Salinity (‰)	30.49	31.41	30.45	33.06	30.38	32.86
Dissolved Oxygen (mg/L)	8.17	4.95	8.18	4.27	8.66	2.37
pH	8.33	8.01	8.34	7.74	8.35	7.66
Secchi Disc Depth (m)	3.1		2.1		4.5	
Turbidity (NTU)	0.20	1.70	0.20	3.70	0.30	2.80
Suspended Solids (mg/L)	3.60	3.80	2.00	3.00	2.00	3.60
5-Day Biochemical Oxygen Demand	0.80	1.00	0.50	2.50	1.40	4.60
Ammoniacal Nitrogen (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Unionized Ammonia (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Nitrite Nitrogen (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrate Nitrogen (mg/L)	0.08	0.11	0.06	0.10	0.10	0.16
Total Inorganic Nitrogen (mg/L)	0.08	0.11	0.06	0.10	0.10	0.16
Total Kjeldahl Nitrogen (mg/L)	0.16	0.28	0.20	0.13	0.08	0.14
Total Nitrogen (mg/L)	0.24	0.39	0.26	0.23	0.18	0.31
Orthophosphate Phosphorus (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Total Phosphorus (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
Chlorophyll-a (µg/L)	5.77	4.24	3.71	2.48	6.74	2.43
<i>E. coli</i> (cfu/100 mL)	<1	<1	<1	<1	<1	<1
Faecal Coliforms (cfu/100 mL)	<1	2	2	<1	<1	22