

Water Quality Data of Hoi Ha Wan Marine Park from April to June 2012 (Second 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)	21.75		21.68		21.65	
Temperature (°C)	21.54	20.51	21.50	20.81	21.21	20.96
Salinity (‰)	31.18	32.45	31.36	33.34	31.41	33.53
Dissolved Oxygen (mg/L)	6.12	6.01	6.71	5.11	5.94	5.42
pH	8.27	8.17	8.27	8.14	8.22	8.14
Secchi Disc Depth (m)	3.7		3.4		9.0	
Turbidity (NTU)	0.70	2.60	0.60	8.20	0.90	4.20
Suspended Solids (mg/L)	4.60	5.80	5.60	5.20	4.60	8.40
5-Day Biochemical Oxygen Demand	8.60	8.30	8.50	8.00	8.50	8.10
Ammoniacal Nitrogen (mg/L)	<0.001	0.006	<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)	0.11	0.17	0.18	0.14	0.29	0.22
Total Inorganic Nitrogen (mg/L)	0.11	0.17	0.18	0.14	0.29	0.22
Total Kjeldahl Nitrogen (mg/L)	0.25	0.22	0.02	0.11	0.09	0.01
Total Nitrogen (mg/L)	0.36	0.38	0.20	0.25	0.37	0.23
Orthophosphate Phosphorus (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	0.009
Total Phosphorus (mg/L)	<0.01	<0.01	<0.01	<0.01	0.01	0.02
Chlorophyll-a (µg/L)	3.27	2.56	2.85	1.11	2.93	1.18
<i>E. coli</i> (cfu/100 mL)	<1	252	<1	200	<1	180
Faecal Coliforms (cfu/100 mL)	<1	670	<1	281	<1	512