

Water Quality Data of Hoi Ha Wan Marine Park from April to June 2011 (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)	19.47		20.03		19.86	
Temperature (°C)	19.73	19.56	20.16	18.95	20.01	19.15
Salinity (‰)	33.60	33.68	33.46	33.67	33.49	33.12
Dissolved Oxygen (mg/L)	5.81	5.00	6.30	5.63	6.76	5.40
pH	8.21	8.20	8.20	8.19	8.19	8.17
Secchi Disc Depth (m)	2.5		2.0		2.1	
Turbidity (NTU)	0.50	2.10	0.40	27.10	1.00	0.00
Suspended Solids (mg/L)	18.00	20.00	13.60	10.40	5.20	11.20
5-Day Biochemical Oxygen Demand (mg/L)	0.90	0.90	0.80	0.90	1.10	2.00
Ammoniacal Nitrogen (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrate Nitrogen (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total Inorganic Nitrogen (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total Kjeldahl Nitrogen (mg/L)	0.16	0.12	0.15	0.34	0.16	0.14
Total Nitrogen (mg/L)	0.16	0.12	0.15	0.34	0.16	0.14
Orthophosphate Phosphorus (mg/L)	0.01	<0.01	<0.01	<0.01	<0.01	0.01
Total Phosphorus (mg/L)	0.01	0.01	<0.01	0.01	<0.01	0.01
Chlorophyll-a (µg/L)	2.24	1.49	1.89	3.22	2.20	0.97
<i>E. coli</i> (cfu/100 mL)	<1	<1	<1	<1	<1	<1
Faecal Coliforms (cfu/100 mL)	<1	3	<1	<1	<1	<1