

Water Quality Data of Hoi Ha Wan Marine Park from July to September 2011 (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)	27.50		27.51		27.79	
Temperature (°C)	27.92	23.71	28.05	22.90	27.70	22.35
Salinity (‰)	32.07	34.22	31.87	34.47	32.01	32.69
Dissolved Oxygen (mg/L)	7.68	6.36	6.71	4.24	6.59	4.40
pH	8.13	8.08	8.14	8.07	8.03	7.95
Secchi Disc Depth (m)	3.7		3.9		6.3	
Turbidity (NTU)	0.20	1.90	0.40	6.20	0.40	1.60
Suspended Solids (mg/L)	12.00	13.20	11.20	22.40	10.80	10.00
5-Day Biochemical Oxygen Demand (mg/L)	1.20	0.70	0.80	0.70	0.50	0.50
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	0.03
Nitrate Nitrogen (mg/L)	<0.01	<0.01	0.14	0.03	0.24	0.21
Total Inorganic Nitrogen (mg/L)	<0.01	<0.01	0.14	0.05	0.24	0.23
Total Kjeldahl Nitrogen (mg/L)	0.62	0.59	0.29	0.62	0.09	0.36
Total Nitrogen (mg/L)	0.62	0.59	0.44	0.67	0.34	0.59
Orthophosphate Phosphorus (mg/L)	<0.001	<0.001	<0.001	0.021	0.006	0.011
Total Phosphorus (mg/L)	<0.01	<0.01	<0.01	0.01	<0.01	0.02
Chlorophyll-a (µg/L)	0.91	2.95	1.51	5.47	1.58	2.17
<i>E. coli</i> (cfu/100 mL)	<1	<1	<1	<1	<1	5
Faecal Coliforms (cfu/100 mL)	<1	1	<1	<1	<1	5

ND: Not detectable