

### Water Quality Data of Hoi Ha Wan Marine Park from January to March 2011 (First 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)	16.20		15.32		14.84	
Temperature (°C)	16.20	14.79	15.50	14.91	15.96	15.02
Salinity (‰)	32.98	33.17	32.91	33.33	32.91	33.29
Dissolved Oxygen (mg/L)	7.98	8.11	8.05	7.87	7.86	7.41
pH	8.14	8.14	8.15	8.14	8.14	8.11
Secchi Disc Depth (m)	3.4		2.6		2.4	
Turbidity (NTU)	0.10	2.40	0.30	8.40	0.30	9.50
Suspended Solids (mg/L)	2.76	3.12	5.08	11.36	3.24	11.40
5-Day Biochemical Oxygen Demand	0.12	0.15	0.13	0.23	0.21	0.21
Ammoniacal Nitrogen (mg/L)	0.10	0.14	0.12	0.15	0.11	0.18
Unionized Ammonia (mg/L)	0.004	0.005	0.005	0.005	0.004	0.006
Nitrite Nitrogen (mg/L)	< 0.01	< 0.01	< 0.01	0.01	< 0.01	0.01
Nitrate Nitrogen (mg/L)	0.02	< 0.01	< 0.01	0.07	0.09	0.01
Total Inorganic Nitrogen (mg/L)	0.12	0.14	0.12	0.23	0.21	0.18
Total Kjeldahl Nitrogen (mg/L)	0.11	0.15	0.13	0.15	0.12	0.21
Total Nitrogen (mg/L)	0.12	0.15	0.13	0.23	0.21	0.21
Orthophosphate Phosphorus (mg/L)	0.03	0.07	< 0.01	0.03	< 0.01	0.05
Total Phosphorus (mg/L)	0.06	0.10	0.11	0.12	0.09	0.14
Chlorophyll-a (µg/L)	1.96	1.88	2.34	1.71	1.98	1.50
<i>E. coli</i> (cfu/100 mL)	0	3	0	12	0	19
Faecal Coliforms (cfu/100 mL)	0	14	0	31	0	45