

Water Quality Data of Hoi Ha Wan Marine Park from January to March 2013 (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)	16.6		16.7		16.4	
Temperature (°C)	17.07	16.93	16.93	16.75	16.91	16.80
Salinity (‰)	32.83	32.86	32.82	32.96	32.83	32.92
Dissolved Oxygen (mg/L)	8.78	8.78	8.65	8.63	8.74	8.66
pH	8.06	8.04	8.09	8.08	7.98	7.87
Secchi Disc Depth (m)	4.6		6.1		11.5	
Turbidity (NTU)	1.20	1.60	1.40	21.20	0.80	24.70
Suspended Solids (mg/L)	5.60	17.80	21.60	6.00	16.60	22.60
5-Day Biochemical Oxygen Demand	1.30	3.20	0.90	1.20	1.00	7.70
Ammoniacal Nitrogen (mg/L)	0.007	0.015	0.007	0.039	0.009	0.012
Unionized Ammonia (mg/L)	0.000	0.000	0.000	0.001	0.000	0.000
Nitrite Nitrogen (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrate Nitrogen (mg/L)	0.04	0.01	0.11	0.11	0.15	0.07
Total Inorganic Nitrogen (mg/L)	0.04	0.03	0.13	0.15	0.16	0.08
Total Kjeldahl Nitrogen (mg/L)	0.25	0.25	0.15	0.12	0.08	0.47
Total Nitrogen (mg/L)	0.28	0.26	0.26	0.24	0.24	0.55
Orthophosphate Phosphorus (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Total Phosphorus (mg/L)	0.02	0.01	0.02	<0.01	<0.01	<0.01
Chlorophyll-a (µg/L)	1.71	0.49	0.42	0.38	0.88	0.57
<i>E. coli</i> (cfu/100 mL)	2	2	<1	<1	<1	2
Faecal Coliforms (cfu/100 mL)	4.00	96	2	26	<1	4