

Water quality data of Yan Chau Tong Marine Park from Jan to Mar 2007 (First Quarter)

	Yan Chau Tong		Lai Chi Wo		Kau Ma Shek	
No. of Sample	1		1		1	
Depth (m)	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	16.4		16.1		15.4	
Temperature (°C)	16.73	16.83	16.73	16.71	16.76	16.68
Salinity (ppt)	33.43	30.35	33.39	33.35	33.38	28.83
DO (mg/L)	9.7	3.63	9.24	9.21	9.52	4.02
pH	8.14	7.64	8.22	8.2	8.17	8.11
Secchi depth (m)	2.9		2.5		1.5	
Turbidity (NTU)	1.8	1.5	1.8	1.6	3	4.1
Suspended solids (mg/L)	2.25	2.46	3.24	3.54	4.24	4.74
BOD ₅ (mg/L)	1.9	1.9	2.23	2.04	2.05	2.09
Ammoniacal nitrogen (mg/L)	0.06	0.03	0.03	0.05	0.05	0.05
Unionized ammonia (mg/L)	0.007	0.009	0.003	0.005	0.004	0.006
Nitrite nitrogen (mg/L)	0.05	0.01	0.07	0.02	0.08	0.01
Nitrate nitrogen (mg/L)	0.14	0.21	0.12	0.19	0.13	0.18
TIN (mg/L)	0.24	0.24	0.22	0.26	0.25	0.24
TKN (mg/L)	0.51	0.41	0.54	0.74	0.57	0.6
TN (mg/L)	0.7	0.63	0.74	0.95	0.78	0.8
Orthophosphate phosphorus (mg/L)	0.03	0.02	0.03	0.04	0.02	0.02
TP (mg/L)	0.23	0.27	0.39	0.27	0.27	0.23
Chlorophyll-a (µg/L)	2.33	2.71	2.8	3.06	4.21	4.51
<i>E. coli</i> (CFU/100 mL)	0	0	0	0	0	0
Fecal coliforms (CFU/100 mL)	5	10	0	25	0	0