

Water quality data of Yan Chau Tong Marine Park from July to September 2007 (Third 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)	30.6		31.5		31.1	
Temperature (°C)	29.24	25.31	29.93	27.14	29.23	24.42
Salinity (ppt)	31.3	33.6	30.1	32.8	31	34.1
DO (mg/L)	7.18	2.06	5.6	1.78	6.78	1.51
pH	8.3	7.92	8.17	8.02	8.28	8.13
Secchi depth (m)	4		3		3	
Turbidity (NTU)	1.6	1.3	3.1	5.1	1.5	2.3
Suspended solids (mg/L)	2.02	1.95	3.13	5.26	2.09	2.11
BOD ₅ (mg/L)	1.44	1.79	1.64	1.7	1.59	0.92
Ammoniacal nitrogen (mg/L)	0.11	0.23	0.03	0.14	0.03	0.22
Unionized ammonia (mg/L)	0.009	0.044	0.003	0.022	0.003	0.028
Nitrite nitrogen (mg/L)	0.02	0.02	0.02	0.02	0.02	0.02
Nitrate nitrogen (mg/L)	0.15	0.1	0.12	0.11	0.15	0.03
TIN (mg/L)	0.27	0.34	0.17	0.27	0.2	0.27
TKN (mg/L)	0.42	0.41	0.43	0.39	0.33	0.34
TN (mg/L)	0.58	0.52	0.57	0.52	0.5	0.38
Orthophosphate phosphorus (mg/L)	0.09	0.08	0.06	0.09	0.09	0.09
TP (mg/L)	0.11	0.11	0.12	0.12	0.12	0.11
Chlorophyll-a (µg/L)	3.98	5.18	3.86	13.39	4.72	4.39
<i>E. coli</i> (CFU/100 mL)	0	0	25	5	0	0
Fecal coliforms (CFU/100 mL)	105	440	175	1270	180	760