

Water quality data of Yan Chau Tong Marine Park from July to September 2006 (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)	26.9		26.7		27.1	
Temperature (°C)	28.77	25.69	28	26.92	28.73	26.58
Salinity (ppt)	27.34	31.18	26.07	29	26.41	29.94
DO (mg/L)	7.36	3.54	7.14	2.08	7.05	3.85
pH	8.46	8	8.43	7.97	8.47	8.16
Secchi depth (m)	2.9		2		2.7	
Turbidity (NTU)	1.7	3	2.3	2.4	1	3
Suspended solids (mg/L)	1.77	3.76	3.27	1.96	1.97	4.53
BOD ₅ (mg/L)	2.45	1.75	2.21	2.29	3.42	1.78
Ammoniacal nitrogen (mg/L)	0.04	0.14	0.06	0.06	0.04	0.15
Unionized ammonia (mg/L)	0.002	0.022	0.004	0.008	0.002	0.015
Nitrite nitrogen (mg/L)	0.06	0.06	0.05	0.05	0.03	0.04
Nitrate nitrogen (mg/L)	0.09	0.2	0.15	0.12	0.13	0.19
TIN (mg/L)	0.19	0.39	0.26	0.22	0.19	0.37
TKN (mg/L)	0.83	0.82	0.96	0.64	0.93	1.13
TN (mg/L)	0.98	1.07	1.15	0.81	1.08	1.35
Orthophosphate phosphorus (mg/L)	0.03	0.04	0.08	0.05	0.04	0.05
TP (mg/L)	0.27	0.27	0.27	0.28	0.27	0.51
Chlorophyll-a (µg/L)	1.27	1.13	1.58	2.61	2.63	1.66
<i>E. coli</i> (CFU/100 mL)	0	0	125	5	0	0
Fecal coliforms (CFU/100 mL)	5	10	445	25	25	0