

Water quality data of Yan Chau Tong Marine Park from Apr to Jun 2007 (Second 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)	28.6		27.3		29	
Temperature (°C)	24.95	21.92	24.72	23.39	25.01	22.95
Salinity (ppt)	33.2	34.1	33.3	33.8	33.3	33.8
DO (mg/L)	7.46	3.58	6.93	5.78	7.46	6.51
pH	8.14	8.03	8.12	8.08	8.13	8.08
Secchi depth (m)	4.9		2.8		4	
Turbidity (NTU)	0.2	0.4	0.3	1.8	1	1.7
Suspended solids (mg/L)	0.65	1.45	1.43	5.83	1	2.98
BOD ₅ (mg/L)	0.6	0.33	0.33	0.34	0.39	0.22
Ammoniacal nitrogen (mg/L)	0.05	0.08	0.05	0.07	0.05	0.06
Unionized ammonia (mg/L)	0.007	0.012	0.006	0.009	0.006	0.007
Nitrite nitrogen (mg/L)	0.07	0.06	0.06	0.06	0.06	0.07
Nitrate nitrogen (mg/L)	0.16	0.14	0.17	0.21	0.21	0.17
TIN (mg/L)	0.28	0.29	0.27	0.34	0.32	0.29
TKN (mg/L)	3.11	3.05	2.9	2.29	2.53	2.68
TN (mg/L)	3.34	3.25	3.13	2.56	2.8	2.91
Orthophosphate phosphorus (mg/L)	0.05	0.06	0.05	0.05	0.08	0.05
TP (mg/L)	0.06	0.07	0.1	0.07	0.07	0.07
Chlorophyll-a (µg/L)	2.35	7.8	4.75	4	4.18	9.14
<i>E. coli</i> (CFU/100 mL)	0	0	0	0	0	0
Fecal coliforms (CFU/100 mL)	0	535	0	1480	0	1260