

Water quality data of Yan Chau Tong Marine Park from April to June 2006 (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)	26.2		26		21.1	
Temperature (°C)	24.88	24.47	24.81	24.79	17.52	17.43
Salinity (ppt)	32.1	32.88	32.29	25.74	32.48	32.42
DO (mg/L)	7.22	6.12	6.71	3.5	9.05	8.74
pH	8.18	8.09	8.15	7.68	8.2	8.18
Secchi depth (m)	5.2		3.1		5.1	
Turbidity (NTU)	2.1	1.2	1.2	0.7	6.4	1.2
Suspended solids (mg/L)	0.88	1.8	1.17	1.12	1.49	1.72
BOD ₅ (mg/L)	0.46	0.16	0.58	0.43	1.71	0.99
Ammoniacal nitrogen (mg/L)	0.02	0.05	0.03	0.04	0.04	0.03
Unionized ammonia (mg/L)	0.002	0.006	0.003	0.012	ND	ND
Nitrite nitrogen (mg/L)	0.11	0.05	0.04	0.1	0.05	0.05
Nitrate nitrogen (mg/L)	0.22	0.09	0.15	0.36	0.5	0.63
TIN (mg/L)	0.34	0.19	0.22	0.5	0.59	0.72
TKN (mg/L)	0.56	0.38	0.76	0.7	0.37	0.9
TN (mg/L)	0.88	0.52	0.95	1.16	0.92	1.59
Orthophosphate phosphorus (mg/L)	0.2	0.19	0.25	0.25	0.04	0.01
TP (mg/L)	0.4	0.38	0.63	0.68	0.1	0.02
Chlorophyll-a (µg/L)	1.91	0.93	1.07	1.35	3.27	2.28
<i>E. coli</i> (CFU/100 mL)	10	10	5	0	0	0
Fecal coliforms (CFU/100 mL)	30	1330	30	415	15	780

ND: Not detectable