

Water quality data of Yan Chau Tong Marine Park from July to September 2005 (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)	31.1		32.2		31.2	
Temperature (°C)	28.54	27.44	29.28	27.84	29.25	28.41
Salinity (ppt)	32.63	31.6	32.22	28.7	31.93	23.35
DO (mg/L)	6.67	4.52	6.33	4.99	6.35	4.65
pH	8.18	7.55	8.16	7.76	8.16	7.91
Secchi depth (m)	3.8		3		2.5	
Turbidity (NTU)	2.1	3.3	3.2	18.8	3.1	15.8
Suspended solids (mg/L)	2.31	3	2.43	17.02	2.79	19.11
BOD ₅ (mg/L)	1.36	0.52	1.51	1.5	1.59	1.59
Ammoniacal nitrogen (mg/L)	0.13	0.15	0.15	0.26	0.18	0.16
Unionized ammonia (mg/L)	0.01	0.05	0.01	0.06	0.02	0.03
Nitrite nitrogen (mg/L)	0.05	0.09	0.01	0.06	0.04	0.02
Nitrate nitrogen (mg/L)	0.21	0.68	0.24	0.2	0.22	0.78
TIN (mg/L)	0.39	0.91	0.39	0.52	0.44	0.95
TKN (mg/L)	1.35	1.05	0.76	1.3	0.59	0.59
TN (mg/L)	1.61	1.81	1	1.56	0.84	1.38
Orthophosphate phosphorus (mg/L)	0.06	0.07	0.07	0.07	0.08	0.07
TP (mg/L)	0.09	0.12	0.17	0.25	0.11	0.12
Chlorophyll-a (µg/L)	2.96	1.83	2.57	6.09	2.93	7.29
<i>E. coli</i> (CFU/100 mL)	0	0	0	0	10	0
Fecal coliforms (CFU/100 mL)	70	105	35	115	50	80