

Water quality of Yan Chau Tong Marine Park in Year 2007

	Yan Chau Tong		Lai Chi Wo		Kau Ma Shek	
No. of sample	4		4		4	
Depth (m)	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	24.23		24.18		24.18	
Temperature (°C)	23.48	21.77	23.55	22.50	23.48	21.74
Salinity (ppt)	32.81	32.86	32.52	33.31	32.72	32.51
Dissolved Oxygen (mg/L)	7.84	4.11	7.19	5.97	7.69	4.76
pH	8.21	7.96	8.19	8.13	8.21	8.14
Secchi Depth (m)	3.70		2.83		2.88	
Turbidity (NTU)	1.63	2.03	1.78	2.78	1.90	2.60
Suspended Solids (mg/L)	1.73	2.18	2.01	3.80	1.93	3.85
BOD (mg/L)	1.29	1.19	1.29	1.24	1.28	0.92
Ammoniacal Nitrogen (mg/L)	0.06	0.09	0.03	0.07	0.04	0.08
Unionized Ammonia (mg/L)	0.006	0.016	0.003	0.010	0.004	0.010
Nitrite Nitrogen (mg/L)	0.04	0.03	0.05	0.03	0.05	0.03
Nitrate Nitrogen (mg/L)	0.18	0.18	0.17	0.20	0.19	0.17
Total Inorganic Nitrogen (mg/L)	0.28	0.29	0.25	0.29	0.27	0.28
Total Kjeldahl Nitrogen (mg/L)	1.12	1.02	1.11	0.99	0.94	1.03
Total Nitrogen (mg/L)	1.34	1.22	1.33	1.21	1.18	1.23
Orthophosphate Phosphorus (mg/L)	0.06	0.06	0.05	0.06	0.06	0.05
Total Phosphorus (mg/L)	0.16	0.19	0.20	0.24	0.17	0.16
Chlorophyll-a (µg/L)	3.34	5.15	3.96	6.14	4.20	5.37
<i>E. coli</i> (CFU/100 mL)	0.00	0.00	6.25	1.25	0.00	0.00
Faecal Coliforms (CFU/100 mL)	27.50	480.00	43.75	1051.25	45.00	2125.00