

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		24.38		24.38	
Temperature (°C)	23.48	21.77	23.57	22.54	23.46	21.70
Salinity (ppt)	32.81	32.86	32.50	33.31	32.75	32.51
Dissolved Oxygen (mg/L)	7.84	4.11	7.19	5.94	7.68	4.79
pH	8.21	7.96	8.19	8.14	8.20	8.14
Secchi Depth (m)	3.70		2.83		2.88	
Turbidity (NTU)	1.63	0.95	1.83	2.70	1.85	2.68
Suspended Solids (mg/L)	1.73	1.96	2.05	5.05	1.89	2.60
BOD (mg/L)	1.29	1.12	1.32	1.14	1.25	1.03
Ammoniacal Nitrogen (mg/L)	0.06	0.06	0.03	0.07	0.04	0.09
Unionized Ammonia (mg/L)	0.01	0.01	0.00	0.01	0.00	0.01
Nitrite Nitrogen (mg/L)	0.04	0.04	0.05	0.03	0.05	0.03
Nitrate Nitrogen (mg/L)	0.18	0.18	0.17	0.20	0.19	0.16
Total Inorganic Nitrogen (mg/L)	0.28	0.27	0.24	0.30	0.27	0.28
Total Kjeldahl Nitrogen (mg/L)	1.12	1.73	1.05	0.98	1.00	1.04
Total Nitrogen (mg/L)	1.34	1.94	1.27	1.21	1.24	1.23
Orthophosphate Phosphorus (mg/L)	0.06	0.04	0.05	0.06	0.06	0.06
Total Phosphorus (mg/L)	0.16	0.17	0.21	0.17	0.17	0.23
Chlorophyll-a (µg/L)	3.34	5.26	3.77	5.98	4.38	5.53
<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	272.50	43.75	2313.75	45.00	862.50