

Water quality of Yan Chau Tong Marine Park in Year 2008

	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)	24.35		23.83		23.83	
Temperature (°C)	24.44	22.66	24.39	23.81	24.35	23.31
Salinity (ppt)	33.33	33.65	33.18	33.33	33.23	33.40
Dissolved Oxygen (mg/L)	8.02	6.00	7.35	7.12	7.94	6.26
pH	8.29	8.11	8.24	8.21	8.26	8.17
Secchi Depth (m)	4.38		3.25		3.75	
Turbidity (NTU)	0.88	1.25	1.48	2.63	1.18	1.35
Suspended Solids (mg/L)	1.27	1.79	2.19	3.23	1.60	1.48
BOD (mg/L)	1.41	1.11	1.52	1.42	1.46	1.14
Ammoniacal Nitrogen (mg/L)	0.04	0.04	0.04	0.04	0.03	0.03
Unionized Ammonia (mg/L)	0.003	0.005	0.003	0.004	0.003	0.004
Nitrite Nitrogen (mg/L)	0.01	0.02	0.01	0.01	0.01	0.01
Nitrate Nitrogen (mg/L)	0.06	0.07	0.06	0.05	0.10	0.07
Total Inorganic Nitrogen (mg/L)	0.11	0.12	0.11	0.10	0.13	0.11
Total Kjeldahl Nitrogen (mg/L)	0.19	0.16	0.17	0.20	0.18	0.16
Total Nitrogen (mg/L)	0.26	0.24	0.25	0.25	0.29	0.24
Orthophosphate Phosphorus (mg/L)	0.09	0.11	0.11	0.11	0.10	0.11
Total Phosphorus (mg/L)	0.46	0.41	0.43	0.43	0.46	0.44
Chlorophyll-a (µg/L)	2.83	2.77	3.28	3.45	3.54	2.79
<i>E. coli</i> (CFU/100 mL)	0.00	0.00	0.00	0.00	0.00	0.00
Faecal Coliforms (CFU/100 mL)	0.00	16.25	6.25	15.00	0.00	83.75