

Water quality of the Yan Chau Tong Marine Park in Year 2003

	Yan Chau Tong		Lai Chi Wo		Kau Ma Shek	
No. of sample	4		4		4	
Depth	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	24.15		24.88		26.28	
Temperature (°C)	25.47	25.14	25.53	25.34	25.60	25.01
Salinity (ppt)	31.54	31.80	31.33	31.49	31.24	31.63
Dissolved Oxygen (mg/L)	6.50	5.39	6.65	6.31	6.82	5.17
pH	8.27	8.18	8.27	8.22	8.27	8.17
Secchi Depth (m)	3.25		1.63		2.13	
Turbidity (NTU)	0.95	9.37	2.40	3.52	1.73	5.01
Suspended Solids (mg/L)	5.22	15.04	4.80	10.46	7.85	11.18
BOD (mg/L)	1.28	0.98	1.57	1.52	1.62	0.84
Ammoniacal Nitrogen (mg/L)	0.088	0.090	0.093	0.093	0.090	0.095
Unionized Ammonia (mg/L)	0.009	0.010	0.010	0.011	0.010	0.011
Nitrite Nitrogen (mg/L)	0.021	0.049	0.020	0.021	0.065	0.050
Nitrate Nitrogen (mg/L)	0.333	0.228	0.273	0.259	0.080	0.039
Total Inorganic Nitrogen (mg/L)	0.442	0.370	0.387	0.374	0.235	0.186
Total Kjeldahl Nitrogen (mg/L)	4.299	4.627	3.691	4.774	6.433	5.448
Total Nitrogen (mg/L)	4.643	4.909	3.975	5.043	6.569	5.529
Orthophosphate Phosphorus (mg/L)	0.010	0.016	0.010	0.011	0.010	0.016
Total Phosphorus (mg/L)	4.831	1.841	1.620	1.532	1.940	2.018
Chlorophyll-a (µg/L)	3.118	1.538	3.900	4.158	3.382	2.667
<i>E. coli</i> (CFU/100 mL)	0	0	3	1	2	2
Faecal Coliforms (CFU/100 mL)	7	164	21	114	79	514