

Water quality of Yan Chau Tong Marine Park in Year 2009

	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)	24.98		25.43		25.43	
Temperature (°C)	24.93	22.24	25.01	23.01	24.85	23.53
Salinity (ppt)	31.69	33.26	30.92	32.90	30.44	32.69
Dissolved Oxygen (mg/L)	6.92	4.24	6.79	4.97	7.04	5.96
pH	8.30	8.09	8.27	8.12	8.28	8.20
Secchi Depth (m)	6.38		4.00		3.88	
Turbidity (NTU)	0.25	1.35	1.23	1.65	1.70	3.00
Suspended Solids (mg/L)	0.57	1.13	1.64	1.82	1.58	4.26
BOD (mg/L)	0.91	0.84	1.26	1.13	1.20	1.30
Ammoniacal Nitrogen (mg/L)	0.02	0.01	0.03	0.01	0.02	0.02
Unionized Ammonia (mg/L)	0.002	0.001	0.002	0.002	0.002	0.002
Nitrite Nitrogen (mg/L)	0.02	0.02	0.03	0.02	0.02	0.02
Nitrate Nitrogen (mg/L)	0.06	0.06	0.06	0.07	0.06	0.06
Total Inorganic Nitrogen (mg/L)	0.10	0.08	0.11	0.10	0.10	0.10
Total Kjeldahl Nitrogen (mg/L)	0.12	0.10	0.09	0.12	0.11	0.10
Total Nitrogen (mg/L)	0.20	0.18	0.17	0.21	0.20	0.18
Orthophosphate Phosphorus (mg/L)	0.03	0.03	0.06	0.05	0.05	0.04
Total Phosphorus (mg/L)	0.10	0.10	0.10	0.10	0.08	0.07
Chlorophyll-a (µg/L)	1.85	2.11	3.01	6.70	2.11	4.62
<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	0.50	25.00	1.25	89.25	21.50