

Water quality of Yan Chau Tong Marine Park in Year 2010

	Yan Chau Tong		Lai Chi Wo		Kau Ma Shek	
No. of sample	4		4		4	
Water Depth	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	24.42		24.65		24.65	
Temperature (°C)	24.70	21.94	24.64	23.10	25.05	23.13
Salinity (‰)	32.26	33.23	32.23	32.75	32.21	32.67
Dissolved Oxygen (mg/L)	6.91	4.74	6.16	5.30	6.63	5.67
pH	8.19	7.93	8.13	8.04	8.17	8.06
Secchi Disc Depth (m)	3.45		3.70		3.35	
Turbidity (NTU)	0.70	24.80	3.03	20.15	0.58	7.18
Suspended Solids (mg/L)	38.54	44.49	45.71	44.19	54.80	46.92
5-Day Biochemical Oxygen Demand (mg/L)	1.63	1.27	2.28	1.27	2.82	1.27
Ammoniacal Nitrogen (mg/L)	0.03	0.04	0.07	0.05	0.05	0.08
Unionized Ammonia (mg/L)	0.004	0.003	0.007	0.004	0.006	0.007
Nitrite Nitrogen (mg/L)	0.01	0.01	0.01	0.01	0.01	0.01
Nitrate Nitrogen (mg/L)	0.07	0.06	0.09	0.09	0.07	0.07
Total Inorganic Nitrogen (mg/L)	0.11	0.11	0.16	0.16	0.12	0.15
Total Kjeldahl Nitrogen (mg/L)	0.09	0.09	0.39	0.11	0.47	0.17
Total Nitrogen (mg/L)	0.16	0.16	0.49	0.20	0.55	0.25
Orthophosphate Phosphorus (mg/L)	0.03	0.02	0.02	0.04	0.04	0.02
Total Phosphorus (mg/L)	0.04	0.04	0.05	0.05	0.06	0.07
Chlorophyll-a (µg/L)	2.40	0.62	4.41	1.42	6.33	1.67
<i>E. coli</i> (cfu/100 mL)	0.25	0.00	2.50	0.75	0.25	0.50
Faecal Coliforms (cfu/100 mL)	4.75	2.25	79.50	55.00	66.75	78.00