

Water Quality Data of Yan Chau Tong Marine Park from January to March 2011 (First Quarter)

	Yan Chau Tong		Lai Chi Wo		Kau Ma Shek	
No. of Sample	1		1		1	
Water Depth	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	15.78		16.64		14.87	
Temperature (°C)	15.41	14.89	16.69	15.29	16.3	15.11
Salinity (‰)	32.93	33.21	32.94	32.94	33	33.04
Dissolved Oxygen (mg/L)	8.56	7.97	8.61	8.72	8.76	7.45
pH	8.19	8.16	8.18	8.18	8.19	8.15
Secchi Disc Depth (m)	1.7		2.5		2.0	
Turbidity (NTU)	1.20	6.00	1.00	6.50	1.10	19.20
Suspended Solids (mg/L)	6.20	10.64	20.72	13.16	4.96	11.92
5-Day Biochemical Oxygen Demand	1.50	1.31	1.55	1.64	1.52	1.76
Ammoniacal Nitrogen (mg/L)	0.18	0.15	0.21	0.15	0.15	0.08
Unionized Ammonia (mg/L)	0.008	0.006	0.010	0.006	0.007	< 0.01
Nitrite Nitrogen (mg/L)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Nitrate Nitrogen (mg/L)	0.02	< 0.01	< 0.01	0.04	< 0.01	0.04
Total Inorganic Nitrogen (mg/L)	0.21	0.15	0.21	0.20	0.15	0.12
Total Kjeldahl Nitrogen (mg/L)	0.19	0.17	0.22	0.17	0.17	0.15
Total Nitrogen (mg/L)	0.22	0.17	0.22	0.21	0.17	0.19
Orthophosphate Phosphorus (mg/L)	0.06	0.04	0.08	0.07	0.02	0.04
Total Phosphorus (mg/L)	0.08	0.12	0.10	0.09	0.09	0.10
Chlorophyll-a (µg/L)	2.73	0.56	2.18	1.31	2.19	0.37
<i>E. coli</i> (cfu/100 mL)	0	6	0	9	0	6
Faecal Coliforms (cfu/100 mL)	0	6	0	18	0	29