

Water Quality Data of Yan Chau Tong Marine Park from April to June 2011 (Second 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)	21.98		22.14		22.40	
Temperature (°C)	22.17	19.89	22.12	21.41	22.25	20.95
Salinity (‰)	33.61	33.60	33.62	33.70	33.58	33.68
Dissolved Oxygen (mg/L)	8.40	7.72	8.23	8.24	8.42	8.35
pH	8.19	8.17	8.23	8.24	8.22	8.21
Secchi Disc Depth (m)	2.9		3.1		2.8	
Turbidity (NTU)	0.30	3.20	0.40	0.90	0.50	1.30
Suspended Solids (mg/L)	5.20	15.20	11.20	9.20	6.00	15.60
5-Day Biochemical Oxygen Demand (mg/L)	1.00	0.80	0.90	1.00	1.00	0.70
Ammoniacal Nitrogen (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrate Nitrogen (mg/L)	<0.01	<0.01	<0.01	<0.01	0.01	<0.01
Total Inorganic Nitrogen (mg/L)	<0.01	<0.01	0.01	<0.01	<0.01	<0.01
Total Kjeldahl Nitrogen (mg/L)	0.14	0.13	0.11	0.11	0.12	0.12
Total Nitrogen (mg/L)	0.14	0.14	0.12	0.11	0.12	0.12
Orthophosphate Phosphorus (mg/L)	0.01	<0.001	0.01	<0.001	<0.001	0.01
Total Phosphorus (mg/L)	<0.01	<0.01	0.01	<0.01	<0.01	0.02
Chlorophyll-a (µg/L)	1.58	2.31	1.97	1.87	1.84	2.37
<i>E. coli</i> (cfu/100 mL)	<1	<1	<1	<1	<1	<1
Faecal Coliforms (cfu/100 mL)	1	1	<1	<1	<1	<1