

Water Quality Data of Yan Chau Tong Marine Park from April to June 2012 (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)	22.43		22.75		22.77	
Temperature (°C)	22.33	20.28	22.59	20.94	22.57	20.68
Salinity (‰)	31.03	32.94	31.14	32.03	31.19	32.76
Dissolved Oxygen (mg/L)	6.98	4.99	7.24	5.37	7.69	5.00
pH	8.32	8.05	8.34	8.16	8.34	8.12
Secchi Disc Depth (m)	3.2		1.2		1.7	
Turbidity (NTU)	3.50	5.50	5.00	22.60	1.70	12.00
Suspended Solids (mg/L)	4.80	5.60	5.60	7.80	5.00	7.20
5-Day Biochemical Oxygen Demand	8.70	7.70	8.90	7.70	8.70	8.20
Ammoniacal Nitrogen (mg/L)	<0.001	0.030	<0.001	0.005	<0.001	0.047
Unionized Ammonia (mg/L)	<0.001	0.001	<0.001	<0.001	<0.001	0.002
Nitrite Nitrogen (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrate Nitrogen (mg/L)	0.17	0.16	0.14	0.18	0.10	0.14
Total Inorganic Nitrogen (mg/L)	0.17	0.19	0.14	0.18	0.10	0.19
Total Kjeldahl Nitrogen (mg/L)	0.04	0.04	0.14	0.03	0.17	0.11
Total Nitrogen (mg/L)	0.22	0.20	0.28	0.21	0.27	0.25
Orthophosphate Phosphorus (mg/L)	<0.001	<0.001	0.006	<0.001	0.006	0.009
Total Phosphorus (mg/L)	<0.01	<0.01	0.03	<0.01	<0.01	0.01
Chlorophyll-a (µg/L)	12.40	1.38	29.95	4.15	21.36	1.57
<i>E. coli</i> (cfu/100 mL)	<1	16	2	22	<1	20
Faecal Coliforms (cfu/100 mL)	<1	27	7	61	<1	34