

Water Quality Data of Yan Chau Tong Marine Park from July to September 2011 (Third 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)	28.45		29.07		29.00	
Temperature (°C)	28.77	22.73	28.73	24.90	28.92	23.27
Salinity (‰)	30.86	34.50	31.22	33.72	30.56	34.22
Dissolved Oxygen (mg/L)	9.63	4.72	11.10	2.89	10.24	3.11
pH	8.16	8.12	8.26	8.10	8.19	8.08
Secchi Disc Depth (m)	3.5		1.3		2.8	
Turbidity (NTU)	0.60	4.10	1.20	12.20	1.00	2.10
Suspended Solids (mg/L)	4.40	11.20	13.20	20.80	10.40	11.60
5-Day Biochemical Oxygen Demand (mg/L)	0.90	0.80	1.70	1.50	1.00	2.00
Ammoniacal Nitrogen (mg/L)	<0.001	0.022	<0.001	<0.001	<0.001	<0.001
Unionized Ammonia (mg/L)	<0.001	0.001	<0.001	<0.001	<0.001	<0.001
Nitrite Nitrogen (mg/L)	<0.01	0.04	<0.01	<0.01	<0.01	0.03
Nitrate Nitrogen (mg/L)	<0.01	0.14	<0.01	<0.01	<0.01	0.20
Total Inorganic Nitrogen (mg/L)	<0.01	0.20	<0.01	<0.01	<0.01	0.23
Total Kjeldahl Nitrogen (mg/L)	0.33	0.40	0.44	0.75	0.51	0.25
Total Nitrogen (mg/L)	0.33	0.58	0.44	0.75	0.51	0.48
Orthophosphate Phosphorus (mg/L)	<0.001	0.025	0.006	0.017	0.005	0.023
Total Phosphorus (mg/L)	<0.01	<0.01	<0.01	0.01	<0.01	<0.01
Chlorophyll-a (µg/L)	4.47	3.47	9.08	19.60	7.15	3.98
<i>E. coli</i> (cfu/100 mL)	<1	<1	<1	<1	<1	<1
Faecal Coliforms (cfu/100 mL)	<1	<1	1	<1	<1	1

ND: Not detectable