

Water Quality Data of Yan Chau Tong Marine Park from October to December 2010 (Forth 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)	27.47		27.77		28.79	
Temperature (°C)	29.55	27.00	28.40	27.23	29.79	27.12
Salinity (‰)	30.88	31.05	30.88	30.89	30.84	30.93
Dissolved Oxygen (mg/L)	6.89	4.19	4.53	4.04	5.60	4.62
pH	8.29	8.07	8.14	8.10	8.23	8.14
Secchi Disc Depth (m)	2.8		1.8		2.5	
Turbidity (NTU)	0.70	78.50	8.70	45.60	1.20	7.20
Suspended Solids (mg/L)	49.88	49.44	50.12	46.44	62.36	51.32
5-Day Biochemical Oxygen Demand (mg/L)	0.71	0.48	2.66	1.37	3.54	0.92
Ammoniacal Nitrogen (mg/L)	0.08	0.07	0.12	0.07	0.08	0.04
Unionized Ammonia (mg/L)	0.011	0.005	0.011	0.006	0.010	0.003
Nitrite Nitrogen (mg/L)	0.00	0.00	0.00	0.00	0.01	0.00
Nitrate Nitrogen (mg/L)	0.12	0.14	0.15	0.12	0.12	0.13
Total Inorganic Nitrogen (mg/L)	0.21	0.20	0.28	0.20	0.21	0.17
Total Kjeldahl Nitrogen (mg/L)	0.14	0.11	1.18	0.20	1.64	0.18
Total Nitrogen (mg/L)	0.26	0.25	1.34	0.32	1.77	0.31
Orthophosphate Phosphorus (mg/L)	0.00	0.00	0.02	0.00	0.02	0.00
Total Phosphorus (mg/L)	0.00	0.00	0.02	0.01	0.04	0.06
Chlorophyll-a (µg/L)	0.92	0.08	1.21	0.56	4.25	0.38
<i>E. coli</i> (cfu/100 mL)	0	0	0	3	1	2
Faecal Coliforms (cfu/100 mL)	16	8	304	220	264	312

ND: Not detectable