

Water quality data of Yan Chau Tong Marine Park from January to March 2008 (First Quarter)

	Yan Chau Tong		Lai Chi Wo		Kau Ma Shek	
No. of Sample	1		1		1	
Depth (m)	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	16.5		16.4		14.4	
Temperature (°C)	15.17	14.83	15.66	15.6	15.33	15.04
Salinity (ppt)	33.1	33.3	33.1	33.1	33.1	33.2
DO (mg/L)	10.41	10.74	8.6	9.84	10.42	10.56
pH	8.38	8.38	8.36	8.38	8.38	8.39
Secchi depth (m)	6		5		6	
Turbidity (NTU)	0.5	0.7	0.3	0.3	0.3	0.5
Suspended solids (mg/L)	1.16	3.06	1.59	1.69	1.23	1.49
BOD ₅ (mg/L)	1.72	1.49	1.36	1.61	1.44	1.69
Ammoniacal nitrogen (mg/L)	0.05	0.04	0.03	0.01	0.01	ND
Unionized ammonia (mg/L)	0.003	0.003	0.002	0.001	ND	ND
Nitrite nitrogen (mg/L)	0.01	0.02	0.02	0.02	0.01	0.02
Nitrate nitrogen (mg/L)	0.12	0.1	0.1	0.11	0.13	0.11
TIN (mg/L)	0.18	0.17	0.16	0.14	0.14	0.13
TKN (mg/L)	0.38	0.25	0.3	0.37	0.36	0.23
TN (mg/L)	0.51	0.37	0.43	0.49	0.49	0.36
Orthophosphate phosphorus (mg/L)	0.22	0.23	0.28	0.26	0.28	0.29
TP (mg/L)	0.69	0.63	0.67	0.61	0.73	0.69
Chlorophyll-a (µg/L)	3.9	3.53	1.74	2.13	3.35	3.22
<i>E. coli</i> (CFU/100 mL)	0	0	0	0	0	0
Fecal coliforms (CFU/100 mL)	0	45	10	40	0	275

ND: Not detectable