

Water quality data of Yan Chau Tong Marine Park from July to September 2008 (Third 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)	33.2		34.7		32.6	
Temperature (°C)	29.98	24.79	29.39	27.42	29.44	26.4
Salinity (ppt)	33.1	33.8	33	33.2	32.9	33.3
DO (mg/L)	9.27	5.74	8.72	6.93	9.16	4.83
pH	8.35	7.93	8.25	8.11	8.29	7.96
Secchi depth (m)	2.5		2		2.5	
Turbidity (NTU)	0.8	1.4	2.6	6.8	1.5	2
Suspended solids (mg/L)	1.67	0.84	2.57	4.97	1.75	1.3
BOD ₅ (mg/L)	2.11	0.97	2.42	2.03	2.37	0.97
Ammoniacal nitrogen (mg/L)	0.07	0.06	0.07	0.09	0.04	0.06
Unionized ammonia (mg/L)	0.004	0.012	0.005	0.011	0.003	0.01
Nitrite nitrogen (mg/L)	ND	0.02	ND	ND	ND	0.01
Nitrate nitrogen (mg/L)	ND	0.05	ND	ND	0.11	0.01
TIN (mg/L)	0.07	0.14	0.07	0.09	0.15	0.08
TKN (mg/L)	0.12	0.11	0.11	0.13	0.09	0.13
TN (mg/L)	0.13	0.19	0.11	0.13	0.2	0.15
Orthophosphate phosphorus (mg/L)	0.03	0.1	0.07	0.05	0.03	0.05
TP (mg/L)	0.2	0.16	0.18	0.19	0.15	0.16
Chlorophyll-a (µg/L)	3.22	2.96	3.45	5.71	3.72	3.26
<i>E. coli</i> (CFU/100 mL)	0	0	0	0	0	0
Fecal coliforms (CFU/100 mL)	0	0	0	0	0	0

ND: Not detectable