

Water quality data of Yan Chau Tong Marine Park from July to September 2009 (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		33.3		33.4	
Temperature (°C)	30.95	23.18	30.67	24.99	30.53	26.23
Salinity (ppt)	30.88	34.04	30.81	33.35	30.8	32.87
DO (mg/L)	6.4	0.84	6.65	3.14	6.56	5.28
pH	8.25	7.78	8.25	7.91	8.22	8.09
Secchi depth (m)	6.5		5		4	
Turbidity (NTU)	0	1.3	0	2.6	0	2.5
Suspended solids (mg/L)	0.1	1.3	0.2	2.3	0.2	8.3
BOD ₅ (mg/L)	0.43	0.94	0.56	1.26	0.85	2.01
Ammoniacal nitrogen (mg/L)	ND	ND	0.03	0.01	ND	0.02
Unionized ammonia (mg/L)	ND	0.001	0.002	0.003	ND	0.002
Nitrite nitrogen (mg/L)	0.06	0.03	0.04	0.04	0.04	0.04
Nitrate nitrogen (mg/L)	0.06	0.03	0.07	0.07	0.08	0.08
TIN (mg/L)	0.13	0.07	0.14	0.13	0.12	0.14
TKN (mg/L)	0.06	0.05	0.05	0.06	0.04	0.03
TN (mg/L)	0.19	0.12	0.17	0.18	0.16	0.15
Orthophosphate phosphorus (mg/L)	0.06	0.06	0.05	0.04	0.05	0.05
TP (mg/L)	0.08	0.08	0.07	0.07	0.06	0.05
Chlorophyll-a (µg/L)	1.02	5.14	1	16.73	1.64	12.55
<i>E. coli</i> (CFU/100 mL)	0	0	0	0	0	0
Faecal coliforms (CFU/100 mL)	0	0	0	0	0	0

ND: Not detectable