

Water quality data of Yan Chau Tong Marine Park from April to June 2009 (Second 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)	30.6		32		31.2	
Temperature (°C)	28.13	26.42	28.04	27.13	28.19	28.04
Salinity (ppt)	30.3	33.26	27.94	32.72	25.76	32.4
DO (mg/L)	7.48	3.47	7.54	3.88	7.61	5.05
pH	8.27	7.94	8.26	7.97	8.27	8.09
Secchi depth (m)	6		2		2	
Turbidity (NTU)	0.2	1.4	3.3	1.7	4.9	6.7
Suspended solids (mg/L)	0.61	0.94	2.93	1.84	3.83	2.11
BOD ₅ (mg/L)	1.2	1.11	1.49	1.46	1.48	1.7
Ammoniacal nitrogen (mg/L)	0.06	ND	0.04	0.01	0.04	0.04
Unionized ammonia (mg/L)	0.005	ND	0.003	0.001	0.004	0.005
Nitrite nitrogen (mg/L)	0.01	0.01	0.04	0.01	0.03	ND
Nitrate nitrogen (mg/L)	0.06	0.07	0.05	0.07	0.06	0.04
TIN (mg/L)	0.12	0.08	0.13	0.09	0.14	0.09
TKN (mg/L)	0.11	0.08	0.11	0.1	0.09	0.09
TN (mg/L)	0.17	0.16	0.2	0.17	0.19	0.14
Orthophosphate phosphorus (mg/L)	0.01	0.01	0.05	0.07	0.06	0.04
TP (mg/L)	0.06	0.08	0.12	0.12	0.06	0.06
Chlorophyll-a (µg/L)	2.56	1.62	2.99	6.9	3.45	4.2
<i>E. coli</i> (CFU/100 mL)	0	0	0	0	0	0
Fecal coliforms (CFU/100 mL)	0	0	90	5	340	85

ND: Not detectable