

Water quality of Yan Chau Tong Marine Park in Year 2012

	Yan Chau Tong		Lai Chi Wo		Kau Ma Shek	
No. of sample	4		4		4	
Water Depth	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	22.54		23.86		23.86	
Temperature (°C)	23.85	21.97	24.30	22.67	24.19	23.22
Salinity (‰)	30.28	31.32	31.31	32.03	31.34	31.82
Dissolved Oxygen (mg/L)	7.97	6.35	8.13	6.45	8.45	7.01
pH	8.22	8.00	8.27	8.10	8.25	8.17
Secchi Disc Depth (m)	2.5		2.1		1.9	
Turbidity (NTU)	3.30	7.53	1.93	14.10	2.05	8.58
Suspended Solids (mg/L)	4.20	5.95	5.65	7.60	4.80	9.20
5-Day Biochemical Oxygen Demand (mg/L)	2.70	2.48	2.98	2.55	2.85	2.58
Ammoniacal Nitrogen (mg/L)	0.01	0.01	0.00	0.01	0.00	0.02
Unionized Ammonia (mg/L)	0.000	0.001	0.000	0.000	0.000	0.001
Nitrite Nitrogen (mg/L)	0.00	0.00	0.00	0.00	0.00	0.00
Nitrate Nitrogen (mg/L)	0.09	0.12	0.06	0.08	0.08	0.06
Total Inorganic Nitrogen (mg/L)	0.10	0.13	0.06	0.09	0.08	0.09
Total Kjeldahl Nitrogen (mg/L)	0.15	0.16	0.17	0.18	0.14	0.15
Total Nitrogen (mg/L)	0.24	0.29	0.23	0.26	0.22	0.22
Orthophosphate Phosphorus (mg/L)	0.00	0.00	0.00	0.00	0.00	0.00
Total Phosphorus (mg/L)	0.00	0.01	0.01	0.00	0.00	0.00
Chlorophyll-a (µg/L)	6.01	2.68	13.25	3.93	8.94	2.39
<i>E. coli</i> (cfu/100 mL)	0.00	4.50	0.45	5.86	0.00	4.95
Faecal Coliforms (cfu/100 mL)	0.00	8.25	1.80	15.77	0.00	8.56