

Water quality of Yan Chau Tong Marine Park in Year 2011

	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)	22.40		22.32		22.32	
Temperature (°C)	23.01	20.89	23.29	21.85	23.25	21.43
Salinity (‰)	31.91	33.47	31.99	32.71	31.82	33.27
Dissolved Oxygen (mg/L)	8.16	6.20	8.66	6.43	8.47	5.66
pH	8.17	8.13	8.22	8.17	8.19	8.13
Secchi Disc Depth (m)	2.96		2.28		2.63	
Turbidity (NTU)	0.55	4.50	0.78	6.98	0.75	7.20
Suspended Solids (mg/L)	5.01	10.82	12.77	11.84	5.97	11.01
5-Day Biochemical Oxygen Demand (mg/L)	1.00	0.90	1.29	1.29	1.08	1.34
Ammoniacal Nitrogen (mg/L)	0.05	0.04	0.05	0.04	0.04	0.02
Unionized Ammonia (mg/L)	0.002	0.002	0.002	0.002	0.002	0.000
Nitrite Nitrogen (mg/L)	0.01	0.02	0.01	0.01	0.00	0.02
Nitrate Nitrogen (mg/L)	0.01	0.04	0.02	0.02	0.01	0.06
Total Inorganic Nitrogen (mg/L)	0.06	0.10	0.08	0.06	0.05	0.10
Total Kjeldahl Nitrogen (mg/L)	0.24	0.25	0.25	0.34	0.28	0.20
Total Nitrogen (mg/L)	0.26	0.30	0.28	0.36	0.30	0.28
Orthophosphate Phosphorus (mg/L)	0.02	0.02	0.02	0.02	0.01	0.02
Total Phosphorus (mg/L)	0.02	0.04	0.03	0.03	0.03	0.03
Chlorophyll-a (µg/L)	3.03	2.97	4.77	6.96	4.30	3.16
<i>E. coli</i> (cfu/100 mL)	0.00	1.50	0.00	2.25	0.00	1.50
Faecal Coliforms (cfu/100 mL)	0.25	1.75	2.95	5.40	0.90	11.10