

Water quality of Yan Chau Tong Marine Park in Year 2020

	Yan Chau Tong		Lai Chi Wo		Kau Ma Shek	
	Surface	Bottom	Surface	Bottom	Surface	Bottom
Water Depth						
Air Temperature (°C)	20.68		20.75		20.75	
Temperature (°C)	23.34	22.75	23.53	22.70	23.43	22.60
Salinity (‰)	31.98	32.68	31.85	32.73	32.06	32.78
Dissolved Oxygen (mg/L)	7.50	7.25	7.53	7.09	8.29	6.89
pH	8.20	8.20	8.13	8.15	8.13	8.15
Secchi Disc Depth (m)	1.7		1.6		1.5	
Turbidity (NTU)	<1	<1	8.50	1.00	<1	<1
Suspended Solids (mg/L)	2.25	2.50	4.50	<2	2.13	<2
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	<0.01	<0.01	0.10	<0.01	0.01	<0.01
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrate Nitrogen (mg/L)	0.06	0.06	0.08	0.06	0.06	0.06
Total Inorganic Nitrogen (mg/L)	0.06	0.07	0.17	0.07	0.05	0.05
Total Kjeldahl Nitrogen (mg/L)	0.20	0.21	0.23	0.18	0.19	0.18
Total Nitrogen (mg/L)	0.25	0.25	0.28	0.24	0.23	0.23
Orthophosphate Phosphorus (mg/L)	<0.01	<0.01	0.02	0.01	0.01	0.01
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	1.51	1.64	2.14	1.79	3.14	2.74
<i>E. coli</i> (cfu/100 mL)	0	0	1	4	2	1
Faecal Coliforms (cfu/100 mL)	3	2	1	14	5	5