

Water Quality of Yan Chau Tong Marine Park in Year 2022

	Yan Chau Tong		Lai Chi Wo		Kau Ma Shek	
	Surface	Bottom	Surface	Bottom	Surface	Bottom
Water Depth						
Air Temperature (°C)	23.03		22.88		22.90	
Temperature (°C)	23.46	23.85	23.68	23.95	23.94	24.09
Salinity (‰)	31.79	31.74	31.60	31.56	31.18	31.29
Dissolved Oxygen (mg/L)	7.33	7.39	7.48	7.54	7.50	7.48
pH	8.23	8.25	8.28	8.28	8.25	8.25
Secchi Disc Depth (m)	1.2		1.1		1.2	
Turbidity (NTU)	<1	<1	<1	<1	<1	<1
Suspended Solids (mg/L)	2.50	3.88	2.25	2.25	2.00	3.25
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.01	0.01	<0.01	<0.01	0.02	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)	0.01	<0.01	0.01	<0.01	0.01	<0.01
Total Inorganic Nitrogen (mg/L)	<0.02	<0.02	<0.02	<0.02	0.06	0.03
Total Kjeldahl Nitrogen (mg/L)	0.25	0.25	0.23	0.25	0.24	0.24
Total Nitrogen (mg/L)	0.26	0.25	0.25	0.25	0.25	0.24
Orthophosphate Phosphorus (mg/L)	<0.01	<0.01	<0.01	<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)	4.55	3.54	4.19	4.44	4.10	3.91
<i>E. coli</i> (cfu/100 mL)	6	7	8	8	6	6
Faecal Coliforms (cfu/100 mL)	9	4	14	13	13	10