

Water quality of Yan Chau Tong Marine Park in Year 2021

	Yan Chau Tong		Lai Chi Wo		Kau Ma Shek	
Water Depth	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	22.18		22.20		22.23	
Temperature (°C)	24.70	23.20	24.55	23.53	24.63	23.40
Salinity (‰)	32.48	33.11	32.60	33.08	32.58	33.00
Dissolved Oxygen (mg/L)	7.29	5.50	7.44	5.80	7.78	6.03
pH	8.38	8.28	8.33	8.28	8.30	8.23
Secchi Disc Depth (m)	1.2		1.3		1.2	
Turbidity (NTU)	<1	<1	1.25	1.00	1.13	1.13
Suspended Solids (mg/L)	2.63	2.25	2.63	2.75	2.38	3.00
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	<0.01	<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)	0.01	<0.01	0.01	0.01	0.01	0.01
Total Inorganic Nitrogen (mg/L)	<0.02	<0.02	<0.02	<0.02	0.03	0.02
Total Kjeldahl Nitrogen (mg/L)	0.25	0.26	0.23	0.20	0.23	0.20
Total Nitrogen (mg/L)	0.26	0.26	0.23	0.20	0.24	0.20
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)	2.23	2.66	1.44	1.73	1.68	2.04
<i>E. coli</i> (cfu/100 mL)	0	0	0	1	1	0
Faecal Coliforms (cfu/100 mL)	3	18	9	14	18	14