

Water Quality of Yan Chau Tong Marine Park in Year 2024

	Yan Chau Tong		Lai Chi Wo		Kau Ma Shek	
	Surface	Bottom	Surface	Bottom	Surface	Bottom
Water Depth						
Air Temperature (°C)	22.83		22.83		22.83	
Temperature (°C)	23.88	22.70	23.81	22.73	23.95	23.05
Salinity (‰)	30.25	31.63	30.28	31.60	30.20	31.43
Dissolved Oxygen (mg/L)	7.15	5.33	7.03	5.70	7.30	5.94
pH	8.23	8.10	8.25	8.15	8.25	8.15
Secchi Disc Depth (m)	2.3		2.4		2.3	
Turbidity (NTU)	<1	<1	<1	<1	<1	<1
Suspended Solids (mg/L)	2.50	2.38	2.50	2.50	2.75	2.50
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)	0.08	0.08	0.08	0.08	0.08	0.08
Total Inorganic Nitrogen (mg/L)	0.08	0.08	0.08	0.09	0.09	0.08
Total Kjeldahl Nitrogen (mg/L)	0.20	0.21	0.18	0.18	0.19	0.21
Total Nitrogen (mg/L)	0.28	0.26	0.26	0.26	0.25	0.26
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)	3.03	3.09	3.09	3.79	3.46	3.50
<i>E. coli</i> (cfu/100 mL)	2	2	4	3	1	2
Faecal Coliforms (cfu/100 mL)	8	9	12	10	4	5