

Water Quality of Cape D'Aguilar Marine Reserve in Year 2022

	Hok Tsui Wan		Telegraph Bay	
	Surface	Bottom	Surface	Bottom
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	23.10		23.08	
Temperature (°C)	23.03	23.05	22.99	23.03
Salinity (‰)	30.09	30.23	30.15	30.20
Dissolved Oxygen (mg/L)	8.43	8.45	8.46	8.55
pH	8.25	8.25	8.30	8.28
Secchi Disc Depth (m)	1.2		1.2	
Turbidity (NTU)	1.17	2.50	1.50	1.75
Suspended Solids (mg/L)	3.00	4.88	4.25	3.88
5-Day Biochemical Oxygen Demand (mg/L)	<2	3.63	<2	<2
Ammoniacal Nitrogen (mg/L)	<0.01	<0.01	<0.01	0.01
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	<0.01	0.01	<0.01	0.01
Nitrate Nitrogen (mg/L)	0.06	0.05	0.06	0.06
Total Inorganic Nitrogen (mg/L)	0.07	0.07	0.07	0.07
Total Kjeldahl Nitrogen (mg/L)	0.25	0.28	0.25	0.25
Total Nitrogen (mg/L)	0.31	0.33	0.30	0.31
Orthophosphate Phosphorus (mg/L)	0.01	0.01	<0.01	<0.01
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	6.63	4.99	7.94	7.34
<i>E. coli</i> (cfu/100 mL)	129	14	17	18
Faecal Coliforms (cfu/100 mL)	148	18	22	25