

Water quality of Sha Chau and Lung Kwu Chau Marine Park in Year 2020

	N Lung Kwu Chau		Pak Chau		Sha Chau East	
Water Depth	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	22.50		22.35		22.35	
Temperature (°C)	24.06	23.59	24.16	23.89	24.50	23.95
Salinity (‰)	26.65	29.75	26.84	28.98	25.93	28.48
Dissolved Oxygen (mg/L)	6.51	5.88	6.53	6.15	6.68	6.18
pH	7.78	7.83	7.80	7.83	7.85	7.88
Secchi Disc Depth (m)	1.0		0.9		1.1	
Turbidity (NTU)	5.00	5.38	5.25	7.88	4.25	4.13
Suspended Solids (mg/L)	7.25	8.75	13.00	13.88	5.88	6.88
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.06	0.06	0.04	0.04	0.05	0.04
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.10	0.10	0.10	0.10	0.10	0.10
Nitrate Nitrogen (mg/L)	0.68	0.66	0.64	0.62	0.63	0.65
Total Inorganic Nitrogen (mg/L)	0.83	0.80	0.78	0.76	0.78	0.79
Total Kjeldahl Nitrogen (mg/L)	0.26	0.29	0.26	0.30	0.29	0.28
Total Nitrogen (mg/L)	1.05	1.06	1.01	1.03	1.04	1.04
Orthophosphate Phosphorus (mg/L)	0.03	0.03	0.03	0.03	0.03	0.02
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	3.89	3.89	4.43	4.54	3.21	3.28
<i>E. coli</i> (cfu/100 mL)	207	236	271	240	229	250
Faecal Coliforms (cfu/100 mL)	477	513	536	534	502	566