

Water Quality of South Lantau Marine Park of 2022

	Siu A Chau		Ko Pai	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	23.93		23.88	
Temperature (°C)	23.11	22.80	23.80	23.53
Salinity (‰)	32.66	33.45	32.55	33.45
Dissolved Oxygen (mg/L)	7.50	7.10	7.48	7.28
pH	8.18	8.15	8.18	8.15
Secchi Disc Depth (m)	1.0		1.1	
Turbidity (NTU)	1.88	2.25	1.75	2.63
Suspended Solids (mg/L)	2.75	4.13	3.00	3.63
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.03	0.03	0.03	0.03
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.02	0.02	0.02	0.02
Nitrate Nitrogen (mg/L)	0.31	0.29	0.33	0.29
Total Inorganic Nitrogen (mg/L)	0.37	0.34	0.38	0.35
Total Kjeldahl Nitrogen (mg/L)	0.28	0.26	0.31	0.30
Total Nitrogen (mg/L)	0.63	0.56	0.65	0.59
Orthophosphate Phosphorus (mg/L)	<0.01	<0.01	0.02	0.01
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	2.88	2.01	2.29	3.24
<i>E. coli</i> (cfu/100 mL)	11	11	12	12
Faecal Coliforms (cfu/100 mL)	15	17	18	20