

Water Quality of South Lantau Marine Park of 2023

	Siu A Chau		Ko Pai	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	22.05		22.08	
Temperature (°C)	23.90	22.40	23.93	22.51
Salinity (‰)	30.35	32.75	30.15	32.66
Dissolved Oxygen (mg/L)	7.98	6.00	7.70	6.01
pH	8.10	7.98	8.08	8.00
Secchi Disc Depth (m)	0.6		0.7	
Turbidity (NTU)	2.50	3.38	2.75	2.88
Suspended Solids (mg/L)	4.13	6.50	4.88	5.25
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.03	0.02	0.02	0.02
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.02	0.03	0.02	0.03
Nitrate Nitrogen (mg/L)	0.19	0.13	0.22	0.18
Total Inorganic Nitrogen (mg/L)	0.23	0.18	0.25	0.22
Total Kjeldahl Nitrogen (mg/L)	0.26	0.23	0.29	0.25
Total Nitrogen (mg/L)	0.49	0.39	0.51	0.46
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)	7.58	3.09	2.44	3.34
<i>E. coli</i> (cfu/100 mL)	3	1	0	0
Faecal Coliforms (cfu/100 mL)	11	6	2	5