

Water Quality Data of South Lantau Marine Park from January to March 2023 (1st Quarter)

	Siu A Chau		Ko Pai	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	12.40		12.40	
Temperature (°C)	17.40	17.40	17.50	17.50
Salinity (‰)	32.50	32.50	32.20	32.20
Dissolved Oxygen (mg/L)	8.00	8.00	8.00	7.95
pH	7.90	7.80	7.90	7.90
Secchi Disc Depth (m)	0.9		1.0	
Turbidity (NTU)	1.00	1.00	1.50	1.00
Suspended Solids (mg/L)	2.00	3.00	4.50	3.00
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.05	0.05	0.05	0.05
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)	0.09	0.08	0.08	0.07
Total Inorganic Nitrogen (mg/L)	0.14	0.12	0.12	0.12
Total Kjeldahl Nitrogen (mg/L)	0.30	0.25	0.25	0.20
Total Nitrogen (mg/L)	0.40	0.35	0.35	0.30
Orthophosphate Phosphorus (mg/L)	0.01	0.01	0.01	0.02
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	0.65	0.75	0.65	0.65
<i>E. coli</i> (cfu/100 mL)	1	0	0	0
Faecal Coliforms (cfu/100 mL)	2	1	0	0