

Water Quality Data of South Lantau Marine Park from October to December 2023 (4th Quarter)

	Siu A Chau		Ko Pai	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	20.60		20.60	
Temperature (°C)	23.60	23.50	23.60	23.60
Salinity (‰)	31.80	31.80	31.90	31.90
Dissolved Oxygen (mg/L)	6.40	6.50	6.40	6.50
pH	8.00	8.00	8.00	8.00
Secchi Disc Depth (m)	0.6		0.6	
Turbidity (NTU)	6.00	5.50	5.50	5.00
Suspended Solids (mg/L)	8.00	10.00	10.00	9.00
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.03	0.02	0.02	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)	0.06	0.06	0.07	0.07
Total Inorganic Nitrogen (mg/L)	0.11	0.10	0.10	0.11
Total Kjeldahl Nitrogen (mg/L)	0.25	0.20	0.20	0.20
Total Nitrogen (mg/L)	0.35	0.30	0.30	0.30
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- <i>a</i> (µg/L)	1.15	1.15	1.15	1.20
<i>E. coli</i> (cfu/100 mL)	0	0	0	0
Faecal Coliforms (cfu/100 mL)	0	0	0	0