

Water Quality Data of South Lantau Marine Park from October to December 2025 (4th Quarter)

	Siu A Chau		Ko Pai	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	21.20		21.20	
Temperature (°C)	22.40	22.40	22.40	22.30
Salinity (‰)	32.20	32.20	32.20	32.20
Dissolved Oxygen (mg/L)	7.60	7.50	7.80	7.50
pH	7.90	8.00	8.10	8.00
Secchi Disc Depth (m)	2.1		2.1	
Turbidity (NTU)	4.00	6.00	4.00	5.00
Suspended Solids (mg/L)	7.50	10.50	8.50	9.00
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	<0.01	<0.01	<0.01	<0.01
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)	0.04	0.05	0.06	0.05
Total Inorganic Nitrogen (mg/L)	0.04	0.05	0.06	0.05
Total Kjeldahl Nitrogen (mg/L)	0.20	0.20	0.25	0.20
Total Nitrogen (mg/L)	0.30	0.30	0.30	0.25
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)	4.20	4.45	4.35	3.80
<i>E. coli</i> (cfu/100 mL)	0	0	0	1
Faecal Coliforms (cfu/100 mL)	1	1	1	3