

Water Quality Data of South Lantau Marine Park from January to March 2026 (1st Quarter)

	Siu A Chau		Ko Pai	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	24.20		24.20	
Temperature (°C)	20.20	20.10	20.30	20.20
Salinity (‰)	33.00	33.70	33.40	33.60
Dissolved Oxygen (mg/L)	7.00	7.10	7.35	7.20
pH	8.20	8.20	8.20	8.20
Secchi Disc Depth (m)	2.2		2.3	
Turbidity (NTU)	1.00	2.00	<1	1.00
Suspended Solids (mg/L)	2.50	3.50	4.50	2.00
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.08	0.13	0.07	0.06
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.02	0.02	<0.01	0.01
Nitrate Nitrogen (mg/L)	0.14	0.13	0.12	0.11
Total Inorganic Nitrogen (mg/L)	0.22	0.27	0.19	0.18
Total Kjeldahl Nitrogen (mg/L)	0.30	0.40	0.25	0.25
Total Nitrogen (mg/L)	0.40	0.55	0.40	0.40
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)	1.45	0.90	1.60	2.15
<i>E. coli</i> (cfu/100 mL)	4	10	140	0
Faecal Coliforms (cfu/100 mL)	11	13	145	15