

Water Quality Data of South Lantau Marine Park from April to June 2026 (2nd Quarter)

	Siu A Chau		Ko Pai		Ma Chau	
	Surface	Bottom	Surface	Bottom	Surface	Bottom
Water Depth						
Air Temperature (°C)	26.50		26.50		26.50	
Temperature (°C)	25.60	25.00	25.50	25.00	25.60	25.10
Salinity (‰)	25.30	32.80	25.45	32.90	25.85	31.40
Dissolved Oxygen (mg/L)	6.20	5.60	6.20	5.70	6.40	5.70
pH	8.00	8.10	8.00	8.00	8.00	8.00
Secchi Disc Depth (m)	2.0		1.5		1.2	
Turbidity (NTU)	2.00	2.50	2.00	2.00	2.00	3.50
Suspended Solids (mg/L)	<2	6.50	2.00	3.00	3.00	4.50
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.04	0.05	0.03	0.07	0.02	0.08
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.07	<0.01	0.10	0.02	0.09	0.04
Nitrate Nitrogen (mg/L)	0.67	0.08	0.75	0.20	0.78	0.44
Total Inorganic Nitrogen (mg/L)	0.79	0.12	0.87	0.28	0.90	0.56
Total Kjeldahl Nitrogen (mg/L)	0.30	0.20	0.30	0.20	0.30	0.25
Total Nitrogen (mg/L)	1.00	0.30	1.15	0.45	1.15	0.75
Orthophosphate Phosphorus (mg/L)	0.02	<0.01	0.02	0.01	0.03	0.02
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorophyll- <i>a</i> (µg/L)	0.65	0.45	0.95	0.60	0.75	0.95
<i>E. coli</i> (cfu/100 mL)	2	1	9	2	9	1
Faecal Coliforms (cfu/100 mL)	13	38	50	7	49	4