

**Water Quality Data of South Lantau Marine Park from July to September 2025 (3rd Quarter)**

	Siu A Chau		Ko Pai	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	28.10		28.10	
Temperature (°C)	27.60	27.10	27.60	26.90
Salinity (‰)	23.90	30.60	24.15	29.55
Dissolved Oxygen (mg/L)	7.30	4.40	7.10	4.50
pH	8.40	8.10	8.40	8.10
Secchi Disc Depth (m)	2.0		2.1	
Turbidity (NTU)	3.00	3.00	3.00	3.00
Suspended Solids (mg/L)	6.00	5.50	5.00	6.00
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	0.02	0.03	0.02
Nitrate Nitrogen (mg/L)	0.37	0.37	0.33	0.37
Total Inorganic Nitrogen (mg/L)	0.39	0.38	0.37	0.39
Total Kjeldahl Nitrogen (mg/L)	0.35	0.35	0.40	0.35
Total Nitrogen (mg/L)	0.75	0.70	0.70	0.75
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)	14.50	12.25	9.55	14.50
<i>E. coli</i> (cfu/100 mL)	110	135	80	80
Faecal Coliforms (cfu/100 mL)	2150	2200	1150	2300