

**Water Quality Data of South Lantau Marine Park from January to March 2024 (1st Quarter)**

	Siu A Chau		Ko Pai	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	15.00		15.00	
Temperature (°C)	19.60	19.60	19.50	19.60
Salinity (‰)	35.60	35.60	35.60	35.60
Dissolved Oxygen (mg/L)	7.30	7.10	7.35	7.10
pH	8.40	8.40	8.40	8.40
Secchi Disc Depth (m)	1.8		1.4	
Turbidity (NTU)	3.00	3.00	5.50	6.00
Suspended Solids (mg/L)	4.50	5.50	12.50	15.50
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.03	0.04	0.02	0.02
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)	0.18	0.18	0.16	0.16
Total Inorganic Nitrogen (mg/L)	0.20	0.22	0.19	0.19
Total Kjeldahl Nitrogen (mg/L)	0.30	0.25	0.30	0.30
Total Nitrogen (mg/L)	0.50	0.45	0.45	0.50
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)	2.30	3.05	2.85	2.85
<i>E. coli</i> (cfu/100 mL)	2	1	1	1
Faecal Coliforms (cfu/100 mL)	5	22	18	23