

Water Quality Data of South Lantau Marine Park from July to September 2023 (3rd Quarter)

	Siu A Chau		Ko Pai	
	Surface	Bottom	Surface	Bottom
Water Depth				
Air Temperature (°C)	29.10		29.20	
Temperature (°C)	28.00	24.30	28.00	24.30
Salinity (‰)	28.90	34.80	28.90	34.90
Dissolved Oxygen (mg/L)	9.20	4.00	8.80	4.00
pH	8.20	7.90	8.20	7.90
Secchi Disc Depth (m)	0.4		0.6	
Turbidity (NTU)	2.00	6.00	2.00	3.50
Suspended Solids (mg/L)	4.00	9.00	3.00	5.00
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)	0.04	0.07	0.03	0.06
Nitrate Nitrogen (mg/L)	0.29	0.10	0.29	0.15
Total Inorganic Nitrogen (mg/L)	0.33	0.16	0.32	0.22
Total Kjeldahl Nitrogen (mg/L)	0.25	0.15	0.30	0.20
Total Nitrogen (mg/L)	0.60	0.30	0.60	0.45
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-a (µg/L)	18.80	4.35	2.35	5.65
<i>E. coli</i> (cfu/100 mL)	1	0	0	0
Faecal Coliforms (cfu/100 mL)	1	0	0	1