

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

	Yi O		Fan Lau West		Fan Lau East		Pak Kok	
	Surface	Bottom	Surface	Bottom	Surface	Bottom	Surface	Bottom
Water Depth								
Air Temperature (°C)	24.5		24.5		24.5		24.5	
Temperature (°C)	20.00	19.90	20.10	20.00	20.30	20.30	20.20	20.20
Salinity (‰)	33.40	33.40	33.30	33.30	33.10	33.20	33.10	33.40
Dissolved Oxygen (mg/L)	6.70	6.40	6.60	6.70	6.80	6.80	6.90	6.90
pH	8.20	8.20	8.10	8.20	8.10	8.10	8.20	8.20
Secchi Disc Depth (m)	1.5		0.7		1.2		1.4	
Turbidity (NTU)	12.50	8.00	36.50	38.50	3.00	2.00	2.00	2.00
Suspended Solids (mg/L)	58.50	16.50	78.50	73.50	4.00	4.50	4.00	6.00
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.07	0.07	0.08	0.07	0.07	0.07	0.07	0.09
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.01	0.01	0.02	0.02	0.02	0.02	<0.01	0.02
Nitrate Nitrogen (mg/L)	0.10	0.10	0.11	0.10	0.11	0.12	0.12	0.12
Total Inorganic Nitrogen (mg/L)	0.17	0.17	0.19	0.18	0.21	0.20	0.19	0.22
Total Kjeldahl Nitrogen (mg/L)	0.25	0.20	0.30	0.35	0.25	0.25	0.25	0.20
Total Nitrogen (mg/L)	0.35	0.30	0.40	0.45	0.40	0.40	0.40	0.40
Orthophosphate Phosphorus (mg/L)	0.02	0.01	0.01	0.01	0.01	0.01	<0.01	0.04
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorophyll- <i>a</i> (µg/L)	0.95	0.70	0.70	1.00	0.60	0.85	1.25	1.15
<i>E. coli</i> (cfu/100 mL)	1	0	0	0	0	0	0	0
Faecal Coliforms (cfu/100 mL)	1	0	0	1	1	0	1	2