

Water Quality Data of Southwest Lantau Marine Park from January to March 2025 (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)	17.9		17.9		17.9		17.9	
Temperature (°C)	18.20	18.20	18.20	18.30	18.10	18.30	18.00	18.30
Salinity (‰)	30.60	30.60	30.90	31.20	30.90	31.30	31.20	31.20
Dissolved Oxygen (mg/L)	7.70	7.20	7.60	7.40	7.70	7.30	7.50	7.20
pH	7.90	7.90	7.80	7.90	7.80	7.90	7.90	8.00
Secchi Disc Depth (m)	1.0		0.5		0.5		0.7	
Turbidity (NTU)	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Suspended Solids (mg/L)	2.00	<2	2.00	2.00	<2	<2	2.00	<2
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.14	0.14	0.14	0.14	0.14	0.13	0.14	0.13
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	0.02	0.01	0.01	0.01	0.01	0.02	0.01
Nitrate Nitrogen (mg/L)	0.21	0.21	0.23	0.23	0.22	0.21	0.21	0.22
Total Inorganic Nitrogen (mg/L)	0.36	0.36	0.37	0.37	0.36	0.36	0.36	0.36
Total Kjeldahl Nitrogen (mg/L)	0.40	0.35	0.30	0.30	0.35	0.40	0.35	0.40
Total Nitrogen (mg/L)	0.60	0.60	0.50	0.60	0.60	0.60	0.60	0.60
Orthophosphate Phosphorus (mg/L)	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
<i>E. coli</i> (cfu/100 mL)	11	13	36	30	16	12	20	15
Faecal Coliforms (cfu/100 mL)	17	24	41	39	24	20	27	21