

**Water Quality Data of Southwest Lantau Marine Park from October to December 2025 (4th Quarter)**

	Yi O		Fan Lau West		Fan Lau East		Pak Kok	
	Surface	Bottom	Surface	Bottom	Surface	Bottom	Surface	Bottom
Water Depth								
Air Temperature (°C)	21.7		21.7		21.7		21.7	
Temperature (°C)	22.10	22.20	22.30	22.30	22.20	22.20	22.30	22.10
Salinity (‰)	31.40	32.00	32.00	32.00	32.10	32.10	32.10	32.10
Dissolved Oxygen (mg/L)	7.80	7.80	7.80	7.90	7.90	7.90	7.80	7.80
pH	7.90	7.90	8.00	8.00	8.00	8.00	8.00	8.00
Secchi Disc Depth (m)	1.9		1.8		1.6		1.9	
Turbidity (NTU)	6.00	9.00	8.00	11.50	5.00	6.50	4.50	4.50
Suspended Solids (mg/L)	9.50	15.00	12.00	22.00	7.50	11.50	6.50	8.50
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
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	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrate Nitrogen (mg/L)	0.12	0.08	0.05	0.05	0.04	0.04	0.05	0.04
Total Inorganic Nitrogen (mg/L)	0.12	0.09	0.05	0.05	0.04	0.04	0.05	0.04
Total Kjeldahl Nitrogen (mg/L)	0.25	0.20	0.25	0.20	0.20	0.20	0.25	0.20
Total Nitrogen (mg/L)	0.40	0.30	0.30	0.30	0.30	0.30	0.30	0.25
Orthophosphate Phosphorus (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
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)	6.20	6.40	6.65	7.25	6.75	6.00	4.05	4.65
<i>E. coli</i> (cfu/100 mL)	1	1	0	1	0	3	0	0
Faecal Coliforms (cfu/100 mL)	2	1	0	2	3	9	0	0