

Water Quality Data of Southwest Lantau Marine Park from July to September 2026 (3rd Quarter)

	Yi O		Fan Lau West		Fan Lau East		Pak Kok	
	Surface	Bottom	Surface	Bottom	Surface	Bottom	Surface	Bottom
Water Depth								
Air Temperature (°C)	28.0		28.0		28.0		28.0	
Temperature (°C)	28.9	27.3	28.2	27.9	27.6	27.5	27.6	26.9
Salinity (‰)	17.5	26.4	22.1	24.6	27.2	27.6	27.4	29.4
Dissolved Oxygen (mg/L)	5.9	4.3	5.5	5.3	5.8	5.5	5.8	4.3
pH	7.9	8.0	7.9	8.0	8.0	8.0	8.0	7.9
Secchi Disc Depth (m)	2.2		2.1		2.1		2.0	
Turbidity (NTU)	3.0	3.0	3.0	3.0	4.5	5.5	3.5	3.0
Suspended Solids (mg/L)	3.50	3.50	3.00	4.00	8.00	8.50	5.50	6.00
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)	0.12	0.12	0.11	0.10	0.05	0.05	0.05	0.05
Nitrate Nitrogen (mg/L)	0.73	0.72	0.65	0.63	0.33	0.31	0.30	0.28
Total Inorganic Nitrogen (mg/L)	0.84	0.84	0.76	0.73	0.38	0.35	0.34	0.33
Total Kjeldahl Nitrogen (mg/L)	0.30	0.30	0.35	0.35	0.30	0.20	0.30	0.30
Total Nitrogen (mg/L)	1.20	1.20	1.10	1.05	0.70	0.60	0.60	0.60
Orthophosphate Phosphorus (mg/L)	0.03	0.03	0.03	0.03	0.02	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-a (µg/L)	0.90	0.90	0.95	1.05	2.60	3.00	3.50	3.65
<i>E. coli</i> (cfu/100 mL)	2	2	1	1	0	1	0	0
Faecal Coliforms (cfu/100 mL)	26	30	11	12	1	2	2	3