

Water Quality Data of Southwest Lantau Marine Park from April to June 2026 (2nd Quarter)

	Yi O		Fan Lau West		Fan Lau East		Pak Kok	
	Surface	Bottom	Surface	Bottom	Surface	Bottom	Surface	Bottom
Water Depth								
Air Temperature (°C)	26.60		26.60		26.60		26.60	
Temperature (°C)	25.80	25.10	25.40	25.20	25.30	25.10	25.80	25.10
Salinity (‰)	21.90	30.30	28.45	29.80	30.40	31.60	27.85	31.40
Dissolved Oxygen (mg/L)	6.60	5.80	6.35	5.80	6.10	5.70	6.40	5.65
pH	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
Secchi Disc Depth (m)	0.5		0.6		0.4		2.1	
Turbidity (NTU)	3.00	4.50	3.50	13.50	2.50	3.50	2.00	3.00
Suspended Solids (mg/L)	3.00	5.50	3.50	17.00	2.50	6.50	2.00	3.50
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.03	0.07	0.03	0.06	0.10	0.11	0.12	0.11
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.09	0.03	0.08	0.04	0.04	<0.02	0.03	0.02
Nitrate Nitrogen (mg/L)	0.85	0.34	0.72	0.38	0.41	0.16	0.38	0.21
Total Inorganic Nitrogen (mg/L)	0.97	0.45	0.83	0.48	0.54	0.27	0.54	0.35
Total Kjeldahl Nitrogen (mg/L)	0.30	0.20	0.25	0.25	0.25	0.25	0.30	0.30
Total Nitrogen (mg/L)	1.25	0.60	1.05	0.65	0.70	0.40	0.75	0.50
Orthophosphate Phosphorus (mg/L)	0.02	0.02	0.02	0.02	0.02	0.01	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)	1.15	0.60	1.05	0.80	0.85	0.65	0.95	0.65
<i>E. coli</i> (cfu/100 mL)	3	9	5	9	4	3	3	3
Faecal Coliforms (cfu/100 mL)	4	25	54	40	42	7	28	21