

Water Quality Data of Southwest Lantau Marine Park from April to June 2025 (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)	28.5		28.3		28.3		28.2	
Temperature (°C)	29.10	28.20	29.10	27.70	28.85	27.70	29.10	28.20
Salinity (‰)	8.70	14.00	8.60	21.85	8.70	22.75	8.70	22.25
Dissolved Oxygen (mg/L)	6.40	5.60	6.25	4.95	6.10	5.05	6.00	5.10
pH	8.30	8.20	8.30	8.20	8.40	8.20	8.40	8.20
Secchi Disc Depth (m)	1.1		0.7		0.8		1.2	
Turbidity (NTU)	5.00	5.00	4.50	5.00	5.00	5.00	5.00	5.00
Suspended Solids (mg/L)	5.00	5.00	5.00	5.00	4.00	4.50	4.50	5.00
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)	0.16	0.17	0.16	0.18	0.17	0.17	0.19	0.17
Nitrate Nitrogen (mg/L)	1.63	1.64	1.69	1.65	1.68	1.66	1.63	1.68
Total Inorganic Nitrogen (mg/L)	1.79	1.81	1.85	1.82	1.85	1.83	1.81	1.85
Total Kjeldahl Nitrogen (mg/L)	0.15	0.10	<0.1	<0.1	<0.1	0.10	0.10	0.20
Total Nitrogen (mg/L)	1.90	1.90	1.90	1.90	1.90	1.90	1.90	2.05
Orthophosphate Phosphorus (mg/L)	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	2.00	2.85	3.00	2.60	2.05	2.80	2.25	2.45
<i>E. coli</i> (cfu/100 mL)	60	74	54	68	50	80	44	60
Faecal Coliforms (cfu/100 mL)	180	190	130	175	195	225	150	200