

**Water Quality Data of Southwest Lantau Marine Park from July to September 2025 (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)	28.3		28.3		28.3		28.3	
Temperature (°C)	27.70	27.25	27.70	27.25	27.85	27.00	27.70	26.70
Salinity (‰)	25.10	26.00	25.00	25.85	16.00	27.10	14.90	29.40
Dissolved Oxygen (mg/L)	7.00	5.80	6.40	4.20	6.00	4.90	5.50	3.90
pH	8.50	8.30	8.50	8.20	8.10	8.10	8.10	8.10
Secchi Disc Depth (m)	1.4		0.7		0.4		0.9	
Turbidity (NTU)	2.50	2.50	2.50	2.50	3.00	3.00	3.00	3.00
Suspended Solids (mg/L)	4.00	3.50	4.00	3.00	6.00	5.50	5.50	5.50
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)	0.08	0.08	0.08	0.07	0.03	0.03	0.01	0.02
Nitrate Nitrogen (mg/L)	1.07	1.10	1.05	1.10	0.33	0.34	0.34	0.34
Total Inorganic Nitrogen (mg/L)	1.15	1.17	1.14	1.17	0.36	0.37	0.36	0.36
Total Kjeldahl Nitrogen (mg/L)	0.25	0.20	0.30	0.20	0.35	0.30	0.35	0.35
Total Nitrogen (mg/L)	1.40	1.40	1.45	1.40	0.65	0.65	0.70	0.70
Orthophosphate Phosphorus (mg/L)	0.02	0.03	0.02	0.03	<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)	1.35	1.05	1.65	1.60	3.95	4.80	7.65	7.35
<i>E. coli</i> (cfu/100 mL)	25	30	27	22	50	60	40	70
Faecal Coliforms (cfu/100 mL)	205	185	115	225	1150	960	775	1150