

Water Quality Data of SouthWest Lantau Marine Park from July to September 2024 (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)	25.2		25.2		25.2		25.2	
Water Temperature (°C)	26.10	26.30	26.60	26.60	26.10	26.60	25.90	26.20
Salinity (‰)	25.00	24.30	22.50	22.40	28.60	28.60	29.10	29.20
Dissolved Oxygen (mg/L)	4.80	4.70	5.20	4.90	4.50	4.40	4.80	4.50
pH	8.00	8.10	8.00	8.10	8.00	8.00	8.00	8.10
Secchi Disc Depth (m)	1.5		1.4		1.3		1.5	
Turbidity (NTU)	4.50	4.00	4.00	4.00	2.00	3.00	3.00	2.00
Suspended Solids (mg/L)	3.50	4.00	3.00	4.00	2.00	2.00	2.00	2.50
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)	0.13	0.13	0.13	0.13	0.09	0.09	0.09	0.09
Nitrate Nitrogen (mg/L)	0.77	0.76	0.77	0.77	0.44	0.46	0.43	0.44
Total Inorganic Nitrogen (mg/L)	0.90	0.89	0.90	0.90	0.54	0.56	0.52	0.53
Total Kjeldahl Nitrogen (mg/L)	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Total Nitrogen (mg/L)	1.10	1.10	1.10	1.10	0.70	0.75	0.70	0.75
Orthophosphate Phosphorus (mg/L)	0.03	0.03	0.03	0.03	0.02	0.02	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)	0.65	0.70	0.65	0.70	1.25	1.30	0.95	1.55
<i>E. coli</i> (cfu/100 mL)	7	8	5	5	2	5	5	7
Faecal Coliforms (cfu/100 mL)	20	44	19	20	27	24	10	14