

Water Quality Data of Southwest Lantau Marine Park from October to December 2024 (4th Quarter)

	Yi O		Fan Lau West		Fan Lau East		Pak Kok	
	Surface	Bottom	Surface	Bottom	Surface	Bottom	Surface	Bottom
Water Depth								
Air Temperature (°C)	19.4		19.1		19.1		19.1	
Temperature (°C)	23.70	23.70	23.60	23.70	23.60	23.60	23.80	23.70
Salinity (‰)	31.10	31.10	31.10	31.10	31.10	31.20	31.20	31.20
Dissolved Oxygen (mg/L)	6.30	6.20	6.30	6.30	6.40	6.30	6.50	6.30
pH	8.30	8.30	8.30	8.30	8.30	8.30	8.30	8.30
Secchi Disc Depth (m)	1.1		0.3		0.2		0.5	
Turbidity (NTU)	6.00	7.00	7.00	6.50	7.00	6.00	6.50	6.00
Suspended Solids (mg/L)	7.50	8.50	9.00	8.00	8.00	7.50	8.50	8.00
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)	0.08	0.04	0.04	0.06	0.03	0.04	0.03	0.04
Nitrate Nitrogen (mg/L)	0.14	0.16	0.16	0.17	0.16	0.17	0.16	0.17
Total Inorganic Nitrogen (mg/L)	0.21	0.20	0.19	0.22	0.20	0.21	0.20	0.22
Total Kjeldahl Nitrogen (mg/L)	0.15	0.20	0.20	0.25	0.20	0.15	0.20	0.20
Total Nitrogen (mg/L)	0.40	0.40	0.40	0.45	0.40	0.40	0.40	0.40
Orthophosphate Phosphorus (mg/L)	0.02	0.02	0.02	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)	0.25	0.25	0.25	0.35	0.20	0.10	0.10	0.10
<i>E. coli</i> (cfu/100 mL)	3	3	2	3	2	2	1	2
Faecal Coliforms (cfu/100 mL)	18	24	18	16	12	17	13	20