

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

	East of NLMP		North of NLMP		South of NLMP	
Water Depth	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	19.30		19.30		19.50	
Temperature (°C)	23.60	24.00	23.50	23.50	23.30	23.40
Salinity (‰)	30.10	30.30	29.40	29.90	30.35	30.70
Dissolved Oxygen (mg/L)	6.25	5.80	6.40	6.20	6.50	6.35
pH	8.20	8.20	8.20	8.20	8.30	8.30
Secchi Disc Depth (m)	0.9		1.2		0.9	
Turbidity (NTU)	9.50	4.00	5.00	4.00	10.00	8.50
Suspended Solids (mg/L)	12.50	5.00	4.50	5.00	14.50	11.50
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	<0.01	0.04	0.03	0.03	<0.01	<0.01
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.07	0.11	0.11	0.11	0.06	0.07
Nitrate Nitrogen (mg/L)	0.25	0.32	0.33	0.31	0.25	0.24
Total Inorganic Nitrogen (mg/L)	0.32	0.47	0.47	0.45	0.31	0.31
Total Kjeldahl Nitrogen (mg/L)	0.20	0.20	0.25	0.25	0.20	0.20
Total Nitrogen (mg/L)	0.50	0.70	0.70	0.70	0.50	0.55
Orthophosphate Phosphorus (mg/L)	0.02	0.03	0.03	0.04	0.02	0.02
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	0.20	0.20	0.15	0.10	<0.1	0.15
<i>E. coli</i> (cfu/100 mL)	285	250	265	250	255	325
Faecal Coliforms (cfu/100 mL)	535	580	500	545	600	595