

Water Quality Data of North Lantau Marine Park from April to June 2025 (2nd Quarter)

	East of NLMP		North of NLMP		South of NLMP	
	Surface	Bottom	Surface	Bottom	Surface	Bottom
Water Depth						
Air Temperature (°C)	27.10		27.10		27.60	
Temperature (°C)	28.30	27.70	28.20	28.00	28.90	28.70
Salinity (‰)	8.65	22.40	5.50	17.10	10.60	11.40
Dissolved Oxygen (mg/L)	6.00	4.30	6.10	4.90	6.50	5.80
pH	8.10	8.20	8.10	8.10	7.90	7.90
Secchi Disc Depth (m)	1.4		1.2		1.4	
Turbidity (NTU)	5.50	5.00	7.00	5.50	5.50	5.00
Suspended Solids (mg/L)	5.00	5.50	6.00	5.00	4.50	5.50
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2	3.00	2.50
Ammoniacal Nitrogen (mg/L)	<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
Nitrite Nitrogen (mg/L)	0.18	0.20	0.18	0.19	0.18	0.17
Nitrate Nitrogen (mg/L)	1.67	1.37	1.85	1.69	1.70	1.71
Total Inorganic Nitrogen (mg/L)	1.85	1.57	2.04	1.87	1.87	1.89
Total Kjeldahl Nitrogen (mg/L)	0.15	0.15	<0.1	0.10	0.20	0.35
Total Nitrogen (mg/L)	2.00	1.70	2.10	1.90	2.10	2.25
Orthophosphate Phosphorus (mg/L)	0.05	0.05	0.05	0.06	0.05	0.05
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorophyll- <i>a</i> (µg/L)	0.95	1.05	2.10	1.00	1.40	2.00
<i>E. coli</i> (cfu/100 mL)	135	130	185	117	58	46
Faecal Coliforms (cfu/100 mL)	365	310	385	310	150	215