

**Water Quality Data of Sha Chau & Lung Kwu Chau Marine Park from October to December 2025 (4th Quarter)**

	Lung Kwu Chau North		Pak Chau		Sha Chau East	
Water Depth	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	22.10		22.10		22.10	
Temperature (°C)	22.20	22.00	22.15	22.00	22.20	22.00
Salinity (‰)	30.10	30.40	30.20	30.90	30.10	30.30
Dissolved Oxygen (mg/L)	7.00	6.50	7.50	6.60	7.50	6.70
pH	8.00	7.90	7.90	7.90	8.00	7.90
Secchi Disc Depth (m)	1.5		1.3		1.4	
Turbidity (NTU)	3.00	3.00	3.00	3.00	3.00	3.00
Suspended Solids (mg/L)	6.00	6.00	6.00	5.00	5.50	5.00
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2	<2	<2
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)	0.03	0.02	0.03	0.03	0.03	0.03
Nitrate Nitrogen (mg/L)	0.23	0.23	0.24	0.24	0.23	0.24
Total Inorganic Nitrogen (mg/L)	0.26	0.25	0.26	0.26	0.34	0.26
Total Kjeldahl Nitrogen (mg/L)	0.30	0.30	0.30	0.40	0.30	0.35
Total Nitrogen (mg/L)	0.55	0.55	0.60	0.60	0.60	0.65
Orthophosphate Phosphorus (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	9.25	8.75	8.80	9.80	8.75	9.40
<i>E. coli</i> (cfu/100 mL)	3	4	11	4	6	7
Faecal Coliforms (cfu/100 mL)	5	8	15	11	13	14