Water Quality Data of South West Lantau Marine Park from October to December 2023 (4th Quarter)

	Yi O		Fan Lau West		Fan Lau East		Pak Kok	
Water Depth	Surface	Bottom	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	21.3		21.4		21.4		21.2	
Temperature (°C)	23.50	23.30	23.30	23.30	23.40	23.20	23.70	23.50
Salinity (‰)	31.70	31.70	31.70	31.60	31.70	31.70	31.80	31.80
Dissolved Oxygen (mg/L)	6.70	6.50	6.70	6.60	6.85	6.60	6.85	6.45
pH	8.10	8.10	8.00	8.00	8.00	8.00	8.10	8.10
Secchi Disc Depth (m)	0.6		0.4		0.4		0.6	
Turbidity (NTU)	7.00	7.00	6.50	7.00	5.50	7.00	6.00	6.50
Suspended Solids (mg/L)	13.50	11.50	10.50	11.50	10.00	10.50	9.50	10.00
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.01	0.01	0.02	<0.01	0.01	<0.01	0.04	0.02
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.03	0.03	0.03	0.02	0.03	0.02	0.03	0.04
Nitrate Nitrogen (mg/L)	0.09	0.09	0.09	0.07	0.11	0.07	0.09	0.13
Total Inorganic Nitrogen (mg/L)	0.13	0.12	0.12	0.09	0.15	0.09	0.16	0.18
Total Kjeldahl Nitrogen (mg/L)	0.20	0.20	0.20	0.20	0.20	0.20	0.35	0.25
Total Nitrogen (mg/L)	0.35	0.30	0.30	0.30	0.35	0.30	0.50	0.40
Orthophosphate Phosphorus (mg/L)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	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)	1.35	1.65	1.10	1.95	2.10	1.85	2.15	2.20
E. coli (cfu/100 mL)	0	0	0	0	0	0	0	0
Faecal Coliforms (cfu/100 mL)	0	0	0	0	0	0	0	0