

Water Quality Data of Proposed South Lantau Marine Park from October to December 2021 (4th Quarter)

	SL1		SL2		SL3	
Water Depth	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	20.20		20.60		20.50	
Temperature (°C)	23.30	23.40	23.50	23.30	23.50	23.40
Salinity (‰)	33.60	33.60	33.50	33.60	33.60	33.60
Dissolved Oxygen (mg/L)	6.70	6.60	6.80	6.70	6.80	6.70
pH	8.20	8.10	7.80	7.80	8.10	8.00
Secchi Disc Depth (m)	1.0		0.9		1.1	
Turbidity (NTU)	5.00	4.00	4.50	4.00	4.50	5.00
Suspended Solids (mg/L)	8.50	7.00	7.00	6.00	6.00	8.00
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	0.02	0.02	0.02	0.03
Nitrate Nitrogen (mg/L)	0.04	0.03	0.03	0.03	0.03	0.04
Total Inorganic Nitrogen (mg/L)	0.06	0.06	0.06	0.06	0.06	0.07
Total Kjeldahl Nitrogen (mg/L)	0.15	0.15	0.10	0.10	0.20	0.10
Total Nitrogen (mg/L)	0.20	0.20	0.20	0.20	0.20	0.20
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)	1.75	1.75	1.90	1.85	1.85	1.85
<i>E. coli</i> (cfu/100 mL)	0	0	0	0	0	0
Faecal Coliforms (cfu/100 mL)	0	1	0	0	0	0