

Water Quality Data of Proposed South Lantau Marine Park from July to September 2021 (3rd Quarter)

	SL1		SL2		SL3	
Water Depth	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	24.80		24.80		24.80	
Temperature (°C)	26.90	24.20	26.10	24.70	26.90	24.30
Salinity (‰)	27.10	30.90	28.30	30.20	27.10	30.80
Dissolved Oxygen (mg/L)	6.50	3.80	5.45	4.00	6.50	3.90
pH	8.10	7.90	8.00	7.90	8.10	7.90
Secchi Disc Depth (m)	0.7		0.5		0.7	
Turbidity (NTU)	2.50	2.00	2.00	2.00	2.00	2.00
Suspended Solids (mg/L)	8.50	5.50	4.50	5.00	4.50	6.50
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)	0.05	0.05	0.05	0.05	0.05	0.05
Nitrate Nitrogen (mg/L)	0.24	0.23	0.24	0.25	0.24	0.25
Total Inorganic Nitrogen (mg/L)	0.29	0.28	0.28	0.29	0.29	0.30
Total Kjeldahl Nitrogen (mg/L)	0.45	0.30	0.30	0.25	0.30	0.30
Total Nitrogen (mg/L)	0.75	0.55	0.50	0.60	0.55	0.55
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)	6.50	6.05	6.50	6.20	6.30	5.50
<i>E. coli</i> (cfu/100 mL)	0	0	0	1	0	0
Faecal Coliforms (cfu/100 mL)	3	1	1	3	0	0