

Water Quality Data of Proposed South Lantau Marine Park from April to June 2021 (2nd Quarter)

	SL1		SL2		SL3	
Water Depth	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	26.60		26.30		26.50	
Temperature (°C)	27.40	25.40	26.60	25.50	27.50	25.30
Salinity (‰)	26.40	33.80	29.15	33.50	27.00	34.10
Dissolved Oxygen (mg/L)	5.35	4.20	4.60	4.50	5.70	4.40
pH	8.00	7.90	8.00	8.00	7.90	8.00
Secchi Disc Depth (m)	0.7		1		1.2	
Turbidity (NTU)	4.00	4.00	4.00	4.00	3.50	3.00
Suspended Solids (mg/L)	5.50	6.50	7.00	6.50	8.50	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	0.12	<0.01
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.08	0.08	0.08	0.08	0.07	0.07
Nitrate Nitrogen (mg/L)	0.55	0.53	0.50	0.48	0.49	0.48
Total Inorganic Nitrogen (mg/L)	0.65	0.61	0.57	0.56	0.68	0.54
Total Kjeldahl Nitrogen (mg/L)	0.55	0.45	0.30	0.35	0.80	0.30
Total Nitrogen (mg/L)	1.20	1.05	0.90	0.90	1.40	0.80
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)	4.80	5.10	4.25	4.45	6.65	6.95
<i>E. coli</i> (cfu/100 mL)	3	1	1	1	1	2
Faecal Coliforms (cfu/100 mL)	4	4	5	2	3	3