

**Water Quality Data of Cape D'Aguilar Marine Reserve from April to June 2017 (2nd Quarter)**

|                                        | Hok Tsui Wan |        | Telegraph Bay |        |
|----------------------------------------|--------------|--------|---------------|--------|
|                                        | Surface      | Bottom | Surface       | Bottom |
| Water Depth                            |              |        |               |        |
| Air Temperature (°C)                   | 27.60        |        | 27.60         |        |
| Temperature (°C)                       | 29.00        | 28.60  | 18.50         | 18.50  |
| Salinity (‰)                           | 29.60        | 30.20  | 29.60         | 30.00  |
| Dissolved Oxygen (mg/L)                | 8.20         | 7.90   | 8.30          | 7.90   |
| pH                                     | 8.40         | 8.30   | 8.40          | 8.25   |
| Secchi Disc Depth (m)                  | 3.5          |        | 3.5           |        |
| Turbidity (NTU)                        | <1           | <1     | <1            | <1     |
| Suspended Solids (mg/L)                | <2           | 3.00   | 2.50          | 4.00   |
| 5-Day Biochemical Oxygen Demand (mg/L) | <2           | <2     | <2            | <2     |
| Ammoniacal Nitrogen (mg/L)             | <0.01        | <0.01  | <0.01         | 0.01   |
| Unionized Ammonia (mg/L)               | <0.01        | <0.01  | <0.01         | <0.01  |
| Nitrite Nitrogen (mg/L)                | <0.01        | 0.02   | 0.01          | 0.01   |
| Nitrate Nitrogen (mg/L)                | 0.21         | 0.24   | 0.22          | 0.23   |
| Total Inorganic Nitrogen (mg/L)        | 0.22         | 0.25   | 0.23          | 0.24   |
| Total Kjeldahl Nitrogen (mg/L)         | 0.20         | 0.20   | 0.20          | 0.20   |
| Total Nitrogen (mg/L)                  | 0.40         | 0.45   | 0.40          | 0.45   |
| Orthophosphate Phosphorus (mg/L)       | <0.01        | <0.01  | <0.01         | <0.01  |
| Total Phosphorus (mg/L)                | <0.1         | <0.1   | <0.1          | <0.1   |
| Chlorophyll-a (µg/L)                   | 3.70         | 2.90   | 3.60          | 3.75   |
| <i>E. coli</i> (cfu/100 mL)            | 410          | 97     | 410           | 18     |
| Faecal Coliforms (cfu/100 mL)          | 1050         | 135    | 585           | 41     |