

## Coastal Water Quality Data in Puducherry for Jul- Sep 2023 Quarter

| Sl. No | Parameters                    | Thengaithittu Beach | Kuruchikuppam Beach | Kalapet Beach | Primary Water Quality criteria for Class SW-II Waters        |
|--------|-------------------------------|---------------------|---------------------|---------------|--------------------------------------------------------------|
| 1.     | Station Code                  | 5689                | 5688                | 5687          | -                                                            |
| 2.     | Date of Sampling              | 07.08.2023          | 07.08.2023          | 07.08.2023    | -                                                            |
| 3.     | Time                          | 10.35 AM            | 11.30 AM            | 12.10 PM      | -                                                            |
| 4.     | Temperature°C                 | 30.0                | 30.0                | 30.0          | -                                                            |
| 5.     | pH                            | 7.66                | 7.73                | 7.80          | 6.5-8.5                                                      |
| 6.     | Turbidity NTU                 | 3.1                 | 9.5                 | 7.3           | 30 NTU                                                       |
| 7.     | BOD mg/l                      | 1.2                 | 1.3                 | 1.8           | 3 mg/l                                                       |
| 8.     | DO mg/l                       | 5.4                 | 5.5                 | 11.5          | 4.0 mg/l or 50 percent saturation value whichever is higher. |
| 9.     | Faecal Coliform MPN/100ml     | 1600                | 1600                | 1600          | 100/100 ml (MPN)                                             |
| 10.    | Total Coliform MPN/100ml      | 1600                | 1600                | 1600          | -                                                            |
| 11.    | Faecal Streptococci MPN/100ml | 110                 | 130                 | 120           | -                                                            |