

## Coastal Water Quality Data in Puducherry for July-Sep 2024 Quarter

| Sl. No | Parameters                    | Thengaithittu Beach | Kuruchikuppam Beach | Kalapet kuppam Beach | Primary Water Quality criteria for Class SW-II Waters (For bathing, contact water sports and commercial fishing) |
|--------|-------------------------------|---------------------|---------------------|----------------------|------------------------------------------------------------------------------------------------------------------|
| 1.     | Station Code                  | 5689                | 5688                | 5687                 | -                                                                                                                |
| 2.     | Date of Sampling              | 01.07.2024          | 01.07.2024          | 01.07.2024           | -                                                                                                                |
| 3.     | Latitude                      | 11.906542           | 11.939611           | 12.033225            | -                                                                                                                |
| 4.     | Longitude                     | 79.8339             | 79.844453           | 79.870228            | -                                                                                                                |
| 5.     | Time                          | 11.00 A.M           | 11.50 A.M           | 12.35 P.M            | -                                                                                                                |
| 6.     | Temperature°C                 | 30.0                | 30.0                | 30.0                 | -                                                                                                                |
| 7.     | pH                            | 7.90                | 7.94                | 7.98                 | 6.5-8.5                                                                                                          |
| 8.     | Turbidity NTU                 | BDL (DL:1)          | 3.3                 | 8.3                  | 30 NTU                                                                                                           |
| 9.     | BOD mg/l                      | BDL (DL:1)          | 1.2                 | 1.1                  | 3 mg/l                                                                                                           |
| 10.    | DO mg/l                       | 5.2                 | 6.0                 | 6.1                  | 4.0 mg/l or 50 percent saturation value whichever is higher.                                                     |
| 11.    | Total Coliform MPN/100ml      | 350                 | 540                 | 430                  | -                                                                                                                |
| 12.    | Faecal Coliform MPN/100ml     | 280                 | 280                 | 280                  | 100/100 ml (MPN)                                                                                                 |
| 13.    | Faecal Streptococci MPN/100ml | 210                 | 350                 | 220                  | -                                                                                                                |

BDL – Below Detection Limit

DL - Detection Limit