

# Wetlands of India Portal

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## Wetland Health Card Details

|                 |                   |              |                      |                         |                   |
|-----------------|-------------------|--------------|----------------------|-------------------------|-------------------|
| State Name      | <b>Tamil nadu</b> | Wetland Name | <b>Parandur Lake</b> | Date of Entry           | <b>14-06-2021</b> |
| Area (hectares) | <b>201.00</b>     | Wetland Type | <b>Human-made</b>    | Year of Data Collection | <b>2020</b>       |

| # | Features                | Code | Indicator   | Desired Value | Actual Value | Category |
|---|-------------------------|------|---|---------------|--------------|----------|
| 1 | Area                    | A-01 | % wetland converted to non-wetland use since 2000   | 0%            | 0%           | A        |
| 2 | Hydrology and catchment | H-01 | Ratio of number of natural inlets choked and diverted to total number of natural inlets   | <0.2          | 0-0.2        | A        |
| 3 | Hydrology and catchment | H-02 | Ratio of number of natural outlets choked and diverted to total number of natural outlets | <0.2          | 0-0.2        | A        |

|   |                         |      |  |  |  |   |
|---|-------------------------|------|--|--|--|---|
| 4 | Hydrology and catchment | Q-01 | %of samples conforming to desired BOD/DO/COD levels                      | Biological Oxygen Demand: Between 3 – 6 mg/l or Dissolved Oxygen >= 6 mg/l or Chemical Oxygen Demand (for Urban Wetlands) <50 mg/l | 60-80% sample meet the criteria                                  | B |
| 5 | Biodiversity            | B-01 | % wetland area covered by invasive macrophytes                           | <10%   | 11-20%   | B |
| 6 | Biodiversity            | B-02 | Annual water bird count as a proportion of average count of last 5 years | Increasing   |  |   |
| 7 | Governance              | G-01 | Clearly demarcated wetlands map  | Wetlands map prepared and approved by CWLW/Relevant Authority  | Wetlands map prepared but not placed in State Wetlands Authority | C |
| 8 | Governance              | G-02 | Wetland Management Plan  | Management plan prepared and approved by CWLW/Relevant Authority   | No management plan   | D |
| 9 | Governance              | G-03 | Wetland Notification   | Wetlands notified under Wetland Rules/WPA  | Regulation under process   | C |

## Actual Value Range and Grade

Indicator: % wetland converted to non-wetland use since 2000 (Desired Value : 0%)

(A) 0%

(B) 1-5%

- (C) 6-10%
  - (D) 11-20%
  - (E) More than 20%
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Indicator: Ratio of number of natural inlets choked and diverted to total number of natural inlets (Desired Value : <0.2)

- (A) 0-0.2
  - (B) 0.3-0.4
  - (C) 0.4-0.6
  - (D) 0.7-0.8
  - (E) More than 0.8
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Indicator: Ratio of number of natural outlets choked and diverted to total number of natural outlets (Desired Value : <0.2)

- (A) 0-0.2
  - (B) 0.3-0.4
  - (C) 0.4-0.6
  - (D) 0.7-0.8
  - (E) More than 0.8
- 

Indicator: % of samples conforming to desired BOD/DO/COD levels (Desired Value : Biological Oxygen Demand: Between 3 – 6 mg/l or Dissolved Oxygen  $\geq$  6 mg/l or Chemical Oxygen Demand (for Urban Wetlands) <50 mg/l)

- (A) 80-100% sample meet the criteria
- (B) 60-80% sample meet the criteria
- (C) 40-60% sample meet the criteria
- (D) 20-40% sample meet the criteria

(D) 20-40% sample meet the criteria

(E) Less than 20% sample meet the criteria

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Indicator: % wetland area covered by invasive macrophytes (Desired Value : <10%)

(A) <10%

(B) 11-20%

(C) 21-30%

(D) 31-40%

(E) More than 40%

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Indicator: Annual water bird count as a proportion of average count of last 5 years (Desired Value : Increasing)

(A) Increasing significantly over last 5 years

(B) Increasing over last 5 years

(C) Constant since last 5 years

(D) Decreasing over last 5 years

(E) Decreasing significantly over last 5 years

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Indicator: Clearly demarcated wetlands map (Desired Value : Wetlands map prepared and approved by CWLW/Relevant Authority)

(A) Wetlands map prepared and approved by State

(B) Wetlands map prepared and under consideration of State Wetlands Authority

(C) Wetlands map prepared but not placed in State Wetlands Authority

(D) Wetlands map under preparation

(E) Wetlands map not prepared

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**Indicator: Wetland Management Plan (Desired Value : Management plan prepared and approved by CWLW/Relevant Authority)**

**(A) Management plan prepared and approved**

**(B) Management plan prepared and submitted to SWA**

**(C) Management plan prepared, not submitted to SWA**

**(D) Management plan under preparation**

**(E) No management plan**

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**Indicator: Wetland Notification (Desired Value : Wetlands notified under Wetland Rules/WPA)**

**(A) Final notification under extant regulation**

**(B) Draft notification**

**(C) Regulation under process**

**(D) Regulation planned process initiated**

**(E) No regulation**

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