**FORMAT FOR SUBMISSION OF INFORMATION ON PROPOSED ACTION PLANS FOR “RESTORATION OF POLLUTED WATER BODIES (LAKES AND PONDS)” IN COMPLIANCE TO HON’BLE NGT ORDERS DATED 10.5.2019 & 25.02.2020 IN O.A. NO. 325/2015**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.**  **No** | **Content** |  |  |
| **1** | Name of the State/UT | **:** |  |
|  | Contact Details (Department-wise) | **:** | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Name of the State/UT**  **Department** | **Name of the Nodal Officer** | **Contact**  **Tel. No** | **Mobile No.** | **E.mail** | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |
| **2** | Information on water bodies such as Lakes & Ponds |  | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **Type of Water Body** | **Total No. of Water Bodies Identified** | **Ownership of Identified Water Bodies (Indicate No. of Water Bodies)** | | **Status On-going Restoration of Water Bodies with Financial Support from NRCD/MoJS/with own resources of the State/UT** | | | | **Government** | **Private/ Individual** | **Total No. of Water Bodies Selected for Restoration** | **Total No. of Water Bodies restored so far** | **Total No. of Water Bodies presently under restoration** | | **Lakes** |  |  |  |  |  |  | | **Ponds** |  |  |  |  |  |  | |
| **3** | Whether water bodies are geo-tagged/ provided with Unique Identification Number (UIN) | **:** | Yes/No |
| **4** | Major causes of pollution in identified water bodies | **:** | Improper disposal of Sewage /Industrial Effluent/Waste like Municipal Solid Waste/Hazardous Waste/Plastic waste/Construction & Demolition Waste) ( Pl. put √ whichever is correct) |
| **5** | Other Problems Associated with the Identified Water Bodies | **:** | Silting/Weeding/Encroachments/No Provision of inflow or outflow control measures/ Poor Embankment/Poor Watershed Management in Catchment/No Adequate Buffer Zone/Any other)  ( Pl. put √ whichever is correct) |
| **6** | Water Quality Compliance Status of Identified lakes, and ponds in the State/UT | **:** | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Type of Water body** | **No. of identified water bodies** | **No. of Water Quality Monitoring Stations** | **No. of Water Bodies complying to** | | | | **Primary Water Quality Criteria for Bathing** | **Drinking Water Quality Criteria after Conventional Treatment** | **Water Quality Criteria for Agriculture/**  **Fishing/Any other criteria** | | **Lakes** |  |  |  |  |  | | **Ponds** |  |  |  |  |  | |
| **7** | Proposed Water Body-wise Action Plans for restoration of prioritised water bodies with timelines and implementing agencies | **:** | **(Pl. attach water body-wise details as per Annexure-I)** |
| 8 | Any other relevant information | **:** |  |

**Date: Signature of the Designated Officer with Date and Seal**

**Annexure-I**

**(Pl. Provide Following Details Water Body-Wise)**

|  |  |  |  |
| --- | --- | --- | --- |
| **1** | Location details of the Water Body (Address with GPS location) | **:** |  |
| **2** | Details of Area and Dimensions of the Water Body | **:** |  |
| **3** | Water Depth (in m) (During monsoon and non-monsoon period) | **:** |  |
| **4** | Ownership of the water body | **:** |  |
| **5** | Allocated Unique Identification Number (UIN) | **:** |  |
| **6** | Details on Habitat (Surrounding Areas/towns with population and no. of industries in the surrounding area /industrial estates in the catchment of pond or lake) | **:** |  |
| **7** | Details on inflow/outflow, evaporation, flooding frequency, magnitude of flow into the water body | **:** |  |
| **8** | Major Plant and Animal communities present in the water body | **:** |  |
| **9** | Designated Use of Pond or Lake ( Drinking/Irrigation/ Aqua Culture/Tourism/ Protected Bio-diversity | **:** |  |
| **10** | Major Drains outfall into Water Body | **:** |  |
| **11** | Physical condition of the water Body | **:** |  |
| **12** | Water Quality of Water Body | **:** | **(w.r.t** pH, Temperature, Turbidity; BOD, COD, DO, Salinity; Dissolved Gases; Dissolved or Suspended Nutrients; Dissolved Organic Carbon; Conductivity, Heavy Metals and Faecal Coliform) |

|  |  |  |  |
| --- | --- | --- | --- |
| **11** | Proposed Action Plans with action-wise implementing agency, estimated cost and timelines for completion | | |
| **12** | Status of Sewage Management in the Catchment area | : | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Total sewage inflow into the water body  (in MLD) | Existing Sewage Treatment Capacity (in MLD) | Gap in sewage treatment (in MLD) | Proposed No. of Treatment Facilities | Proposed Sewage Treatment Capacity (in MLD) | Implementing Agency, Estimated Cost and Time lines for completion | |  |  |  |  |  |  | |
| **13** | Status of Industrial Effluent Management in the Catchment area | : | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Total Industrial Effluent Inflow into the waterbody (in MLD) | Existing Industrial Effluent Treatment Capacity (both captive and CETPs)  (in MLD) | Gap in Industrial Effluent Treatment (in MLD) | Proposed No. of Treatment Facilities | Proposed Treatment Capacity  (in MLD) | Implementing Agency, Estimated Cost and Time lines for completion | |  |  |  |  |  |  | |
| **14** | Waste Management in the Catchment area of water body | : | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Type of waste | Quantity of Waste Generation in the catchment area  (TPD) | No. of Treatment and disposal Facilities and Capacity  in the catchment area (in TPD) | Gap in Treatment and Disposal of Waste in the catchment area  (in TPD) | Proposed No. of Facilities and their  (in TPD) | Implementing Agency, Estimated Cost and Time lines for completion | | **MSW** |  |  |  |  |  | | **HW** |  |  |  |  |  | | **BMW** |  |  |  |  |  | | **C & D** |  |  |  |  |  | | **Plastic** |  |  |  |  |  | |
| **15** | Additional Measures  (Pl. indicate action-wise implementing agency, estimated cost and the timelines for completion) |  | I & D of Sewage/Industrial effluent from drains to the nearby treatment or upcoming facilities; Restoration of natural drains: Silt control measures in natural drains contributing to inflow; Inflow and outflow flood control provisions (with sluice gates as well as constructed wetlands on u/s ): Strengthening of Earthen embankment surrounding the pond or lake with stone revetment or pitching); In-situ measures (like desilting, de-weeding, surface aeration, floating adoption of biological treatment options); Buffer Zone and Development of Bio-diversity Park; Recreational Provision, Training and Awareness Programme; Public Participation for Cleaning of surroundings, any other actions |