

**National Mission for Clean Ganga**  
**Format for submission of Monthly Progress Report in the NGT Matter OA No. 673 of 2018 (in compliance to NGT order dated 24.09.2020) For the State of Karnataka**

|                               |                                                       |
|-------------------------------|-------------------------------------------------------|
| <b>Name of the River</b>      | <b>Arkavathi River</b>                                |
| <b>Polluted river stretch</b> | <b>Tippagondanahalli reservoir to Kanakapura Town</b> |
| <b>Priority</b>               | <b>III</b>                                            |
| <b>Status as on</b>           | <b>February-2025</b>                                  |

**Overall status of the State:**

| <b>Particulars</b> |                                                                  | <b>CMC Ramanagara</b> | <b>CMC Kanakapura</b> | <b>Total</b> |
|--------------------|------------------------------------------------------------------|-----------------------|-----------------------|--------------|
| <b>I.</b>          | Total Population: Urban Population & Rural Population separately | 95167                 | 54014                 | 149181       |
| <b>II.</b>         | Estimated Sewage Generation (MLD):                               | 10.0                  | 4.4                   | 14.4         |

**III. Details of Sewage Treatment Plant:**

| <b>Particulars</b>                                        | <b>CMC Ramanagara</b>                         | <b>CMC Kanakapura</b>                         | <b>Total</b>                                    |
|-----------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|-------------------------------------------------|
| Existing no. of STPs and Treatment Capacity (in MLD):     | No. of STPs- 1<br>Treatment Capacity- 7.5 MLD | No. of STPs- 1<br>Treatment Capacity-6.29 MLD | No. of STPs- 2<br>Treatment Capacity- 13.79 MLD |
| Capacity Utilization of existing STPs:                    | 6.0                                           | 3.8                                           | 9.8                                             |
| MLD of sewage being treated through Alternate technology: | 4.0(Through Septic tank & Soak Pit)           | 0.6(Through Septic tank & Soak Pit)           | 4.6( Through Septic tank & Soak Pit)            |
| Gap in Treatment Capacity in MLD:                         | 4.0                                           | 0.6                                           | 4.6                                             |
| No. of Operational STPs:                                  | 1                                             | 1                                             | 2                                               |
| No. of Complying STPs:                                    | 0                                             | 0                                             | 0                                               |
| No. of Non-complying STPs:                                | 1*                                            | 1*                                            | 2                                               |

**a. Details of each existing STP in the State**

| <b>Name of the Local Body</b> | <b>Location</b>                | <b>Existing STP Capacity</b> | <b>Capacity Being Utilized</b> | <b>Operational Status of STP</b> | <b>Compliance Status of STP</b> |
|-------------------------------|--------------------------------|------------------------------|--------------------------------|----------------------------------|---------------------------------|
| <b>CMC Ramanagara</b>         | 12°43'24.94"N<br>77°16'59.69"E | 7.5 MLD                      | 6.0 MLD                        | Operational                      | Non-complying                   |
| <b>CMC Kanakapura</b>         | 12°32'26.83"N<br>77°25'4.99"E  | 6.29 MLD                     | 3.8 MLD                        | Operational                      | Non-complying                   |
| <b>Total</b>                  |                                | 13.79 MLD                    | 9.8 MLD                        |                                  |                                 |

**b. Details of under construction STPs in the State**

| <b>Name of the</b> | <b>Location</b> | <b>Capacity of</b> | <b>Physical</b> | <b>Status of I&amp;D or</b> | <b>Completion</b> |
|--------------------|-----------------|--------------------|-----------------|-----------------------------|-------------------|
|--------------------|-----------------|--------------------|-----------------|-----------------------------|-------------------|

| Local Body            |                                | the plant in MLD | Progress in % | House sewer connections                                                                                                                                                                                                                                                                                                                    | Timeline                                                                                                                                                                                                                        |
|-----------------------|--------------------------------|------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CMC Ramanagara</b> | 12°43'24.94"N<br>77°16'59.69"E | Nil              | NIL           | 11 drains carrying sullage effluent is to be connected to wet well before Micro STP.<br><b>No Work Progress</b>                                                                                                                                                                                                                            | 31.12.2021 DPR has been prepared and submitted to Govt. by the KUWS & DB for the amount of Rs.220.17 Crores for connecting missing links, wet well conditioning and up gradation of STP.                                        |
| <b>CMC Kanakapura</b> | 12°32'26.83"N<br>77°25'4.99"E  | Nil              | NIL           | 05 drains carrying sullage effluent is to be connected to STPs. <b>The CMC Kanakapura have applied for consent for expansion for the up gradation of STP of capacity 6.2MLD to 8.29 MLD with NEBR Technology with anaerobic decomposition with phyto bio remediation and same was forwarded to the Board Office for onward processing.</b> | 31.12.2021 DPR has been prepared and submitted to Govt by the KUWS&DB for the amount of Rs.30.0 Crores for connecting missing links and up gradation of STP by retro fitting using Bio-remediation and Special Aeration system. |
| <b>Total</b>          |                                |                  |               |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                 |

**c. Details of proposed STPs in the State**

| Name of the Local Body | Location | Capacity of the STP proposed in MLD | Status of Project (at DPR Stage/ Under Tendering/ Work to be Awarded) | Likely Date of Completion |
|------------------------|----------|-------------------------------------|-----------------------------------------------------------------------|---------------------------|
| <b>CMC Ramanagara</b>  | NA       | NIL                                 | NIL                                                                   | NIL                       |
| <b>CMC Kanakapura</b>  | NA       | NIL                                 | NIL                                                                   | NIL                       |
| <b>Total</b>           |          |                                     |                                                                       |                           |

**IV. Details of Industrial Pollution:**

| Particulars                     | CMC Ramanagara | CMC Kanakapura | Arkavathi Polluted River stretch |                                                        | Total |
|---------------------------------|----------------|----------------|----------------------------------|--------------------------------------------------------|-------|
|                                 |                |                | Arkavathi River stretch          | V Valley catchment area                                |       |
| No. of industries in the State: | 0              | 0              | 2 industries (both Red category) | 191 industries (Red-31, Orange-60, Green-97, White-03) | 191   |

|                                                            |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |
|------------------------------------------------------------|---|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| No. of water polluting industries in the State:            | 0 | 0 | 2 industries (both Red category)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 191 industries (Red-31, Orange-60, Green-97, White-03)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 191    |
| Quantity of effluent generated from the industries in MLD: | 0 | 0 | <ul style="list-style-type: none"> <li>0.6027 (From 2 industries namely M/s Senapathy Whiteley Limited &amp; Lakshmanan Isola Limited, Acchalu Village, Ramanagar Taluk, both Red categories) in operation.</li> <li>The sewage of 0.0245 MLD is being disposed to individual septic tank and soak pits.</li> <li>The trade effluent of about 0.578 MLD is being treated and completely recycled.</li> <li>Both the industries are complying to consent conditions.</li> <li>There is no discharge of any type of effluent from these two industries to Arkavathi river.</li> <li>Barring little sewage from unsewered area of TMC- Bidadi, CMC- Ramanagar and CMC-Kanakapura Town.</li> <li>River Arkavathi is polluted mainly because of discharge of untreated effluents and sewage from urban areas upstream of Thippagondana Halli Reservoir of</li> </ul> | <p><b>Total generation-8.008MLD</b><br/> <b>(Sewage generation-3.309MLD,</b> of which 0.1716MLD of sewage is treated in Septic tank &amp; Soak pit, 3.137MLD of sewage is treated in 30 numbers of STPs and 1.079MLD of treated sewage is completely recycled and 2.058MLD is discharged to on land for gardening.</p> <p><b>Trade effluent-4.699MLD,</b></p> <p>About 0.0186 MLD of effluent from 17 industries is being sent to Common ETPs for treatment and disposal of which.</p> <p>About 4.680MLD of trade effluent is treated in 33 numbers of ETPs (including combined ETPs) and 3.321MLD of treated effluent is completely recycled and 1.358MLD is discharged to on land for gardening.</p> <p>There are no common ETPs in the Arkavathi catchment area.</p> | 8.6107 |

|  |  |  |                                                                                                                                                      |  |  |
|--|--|--|------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|  |  |  | Bangalore Urban District and the untreated effluents and sewage discharged to Vrishabhavathi Valley which originates from Bangalore Urban/BBMP area. |  |  |
|--|--|--|------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|

**\*\*River Arkavathi is polluted mainly because of discharge of untreated effluents and sewage from urban areas upstream of Thippagondana Halli Reservoir of Bangalore Urban District and the untreated effluents and sewage discharged to Vrishabhavathi Valley which originates from Bangalore Urban/BBMP area.**

|                                                                                         |   |   |                  |               |          |
|-----------------------------------------------------------------------------------------|---|---|------------------|---------------|----------|
| Quantity of Hazardous Sludge generated from the Industries in TPD:                      | 0 | 0 | 3.25 MTPA        | 2683.402 MTPA | 2683.402 |
| Number of industrial units having ETPs:                                                 | 0 | 0 | 2                | 31            | 33       |
| Number of industrial units connected to CETP:                                           | 0 | 0 | 0                | 14            | 14       |
| Number and total capacity of ETPs (details of existing/ under construction / proposed)  | 0 | 0 | No-2 & Capacity- | 31            | 33       |
| Compliance status of the ETPs:                                                          | 0 | 0 | Complied         | Complied      | 0        |
| Number and total capacity of CETPs (details of existing/ under construction / proposed) | 0 | 0 | 0                | 0             | 0        |

**d. Status of compliance and operation of the CETPs**

| Town           | No. of industries | Industrial discharge | Status of ETPs | Status of CETPs (existing, under construction & proposed) |
|----------------|-------------------|----------------------|----------------|-----------------------------------------------------------|
| CMC Ramanagara | NIL               | NIL                  | NIL            | NIL                                                       |
| CMC Kanakapura | NIL               | NIL                  | NIL            | NIL                                                       |
| <b>Total</b>   |                   |                      |                |                                                           |

V. **Solid Waste Management:**

| Particulars                                                                                                                                                                                                                                                        |                 |                  |                  |                  | CMC Ramanagara                                                                                                            |                  | CMC Kanakapura       |                                                        |                 |                  | Total                                      |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|------------------|------------------|---------------------------------------------------------------------------------------------------------------------------|------------------|----------------------|--------------------------------------------------------|-----------------|------------------|--------------------------------------------|--|
| • Total number of Urban Local Bodies and their Population                                                                                                                                                                                                          |                 |                  |                  |                  | CMC Ramanagara-95167                                                                                                      |                  | CMC Kanakapura-54014 |                                                        |                 |                  | 2-149181                                   |  |
| • Current Municipal Solid Waste Generation                                                                                                                                                                                                                         |                 |                  |                  |                  | 40.0                                                                                                                      |                  | 24.0                 |                                                        |                 |                  | 64                                         |  |
| 1. Quantity of MSW generated (TPD)                                                                                                                                                                                                                                 |                 |                  |                  |                  | 35.0                                                                                                                      |                  | 20.0                 |                                                        |                 |                  | 55                                         |  |
| 2. Quantity of MSW Collected(TPD)                                                                                                                                                                                                                                  |                 |                  |                  |                  | 35.0                                                                                                                      |                  | 12.0                 |                                                        |                 |                  | 47                                         |  |
| 3. Quantity of MSW segregated & transported (TPD)                                                                                                                                                                                                                  |                 |                  |                  |                  | 15.0                                                                                                                      |                  | 10.0                 |                                                        |                 |                  | 25                                         |  |
| 4. Quantity of MSW Processed(TPD)                                                                                                                                                                                                                                  |                 |                  |                  |                  | 20.0                                                                                                                      |                  | 7.0                  |                                                        |                 |                  | 27                                         |  |
| 5. Quantity of MSW disposed in secured landfill site(TPD)                                                                                                                                                                                                          |                 |                  |                  |                  | 20.0                                                                                                                      |                  | 7.0                  |                                                        |                 |                  | 27                                         |  |
| 6. Gap in Solid Waste Management UTs(TPD)                                                                                                                                                                                                                          |                 |                  |                  |                  | 20                                                                                                                        |                  | 17                   |                                                        |                 |                  | 37                                         |  |
| • Number, installed capacity and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing eg- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), biomethanation, MRF etc |                 |                  |                  |                  |                                                                                                                           |                  |                      |                                                        |                 |                  |                                            |  |
| Name of the ULB                                                                                                                                                                                                                                                    | Composting      |                  | Vermi Composting |                  | Bio-Methanation                                                                                                           |                  | Refuse Derived Fuel  |                                                        | W2E             |                  | Combustible waste supplied to cement plant |  |
|                                                                                                                                                                                                                                                                    | Waste Processed | Product Produced | Waste Processed  | Product Produced | Waste Processed                                                                                                           | Product Produced | Waste Processed      | Product Produced                                       | Waste Processed | Product Produced |                                            |  |
| CMC-Ramanagara                                                                                                                                                                                                                                                     | 10              | 2                | 4.0              | 0.8              | 1.0                                                                                                                       | 10 KVA           | Nil                  | Nil                                                    | Nil             | Nil              | Nil                                        |  |
| CMC-Kanakapura                                                                                                                                                                                                                                                     | 10              | 2                | Nil              | Nil              | Nil                                                                                                                       | Nil              | Nil                  | Nil                                                    | Nil             | Nil              | Nil                                        |  |
| • Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%)                                                                                                                                             |                 |                  |                  |                  | Instructions have been given to ULB's to ensure that the existing MSW processing facility is used to its fullest capacity |                  |                      |                                                        |                 |                  |                                            |  |
| • No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction)                                                                                                                                                               |                 |                  |                  |                  | 0                                                                                                                         |                  |                      | 0                                                      |                 |                  | 0                                          |  |
| • Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source                                                                                                                                           |                 |                  |                  |                  | 31                                                                                                                        |                  |                      | 31                                                     |                 |                  | 62                                         |  |
| Details of MSW treatment facilities proposed and under construction (no., capacity, and technology)                                                                                                                                                                |                 |                  |                  |                  | 3 Vermi composting units under construction                                                                               |                  |                      | 1 under construction( will be completed by 31.03.2021) |                 |                  | 4                                          |  |
| No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills                                                                                                                                                                                   |                 |                  |                  |                  | NIL                                                                                                                       |                  |                      | NIL                                                    |                 |                  | NIL                                        |  |

|                                                                                                                                                 |     |     |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|
| No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers                                                            | NIL | NIL | NIL |
| No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers | 11  | 5   | 17  |

#### **Status of ULB wise Management of Solid Waste**

| Name of the ULB | Total MSW generation in TPD | Total MSW being processed in TPD | Existing MSW facilities | Utilization Capacity of the existing MSW facilities | Proposed MSW Facilities & Completion Timeline                                                       |
|-----------------|-----------------------------|----------------------------------|-------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| CMC Ramanagara  | 40                          | 15                               | 18.0                    | 18.0                                                | SWM DPR prepared under swaccha Bharath Mission is approved and action is being taken up as per DPR. |
| CMC Kanakapura  | 24                          | 10                               | 24                      | 10                                                  | Under construction                                                                                  |
| <b>Total</b>    | <b>64</b>                   | <b>25</b>                        | <b>42</b>               | <b>28</b>                                           |                                                                                                     |

#### **VI. Bio-medical Waste Management:**

| Particulars                                  | CMC Ramanagara | CMC Kanakapura | Total       |
|----------------------------------------------|----------------|----------------|-------------|
| Total Bio-medical generation:                | 0.2080TPD      | 0.00699 TPD    | 0.21499 TPD |
| No. of Hospitals and Health Care Facilities: | 460            | 159            | 619         |
| Status of Treatment Facility/ CBMWTF:        | complying      | complying      | -           |

#### **VII. Hazardous Waste Management:**

| Particulars                                                     | CMC Ramanagara | CMC Kanakapura | Arkavathi polluted river stretch                                                                                                         |
|-----------------------------------------------------------------|----------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Total Hazardous Waste generation:                               | 0              | 0              | Land Fillable -1576.89 MTPA<br>Incinerable – 1018.86 MTPA<br>Recyclable – 1298.4 MTPA<br>Utilizable - 138.51 MTPA<br>Total- 4032.66 MTPA |
| No. of Industries generating Hazardous waste                    | 0              | 0              | 97.0                                                                                                                                     |
| Treatment Capacity of all TSDFs                                 | NA             | NA             |                                                                                                                                          |
| Avg. Quantity of Hazardous waste reaching the TSDFs and Treated | NA             | NA             |                                                                                                                                          |
| Details of on-going or proposed TSDF                            | NA             | NA             |                                                                                                                                          |

#### **VIII. Plastic Waste Management:**

| Particulars | CMC | CMC | Total |
|-------------|-----|-----|-------|
|-------------|-----|-----|-------|

|                                                                           | <b>Ramanagara</b> | <b>Kanakapura</b> |         |
|---------------------------------------------------------------------------|-------------------|-------------------|---------|
| Total Plastic Waste generation:                                           | 2.5TPD            | 1.28 TPD          | 3.78TPD |
| Treatment/ Measures adopted for reduction or management of plastic waste: | NA                | NA                | NA      |

| <b>Particulars</b>                                                                                                                                   | <b>CMC<br/>Ramanagara</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>CMC<br/>Kanakapura</b>                      | <b>Total</b>                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------|
| IX. Details of Alternate Treatment Technology being adopted by the State/UT                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                |                                                 |
| X. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment:             | 11Drains identified and monitored periodically                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5 Drains identified and monitored periodically | 16 Drains identified and monitored periodically |
| XI. Details of Nodal Officer appointed by Chief Secretary in the State/UT:                                                                           | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                |                                                 |
| XII. Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT:                                                          | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                |                                                 |
| XIII. Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river; | <b>Annexure-1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                |                                                 |
| XIV. Ground water regulation:                                                                                                                        | <p>As per the details submitted by Sr. Geologist, District Ground Water Authority, Ramanagara District for the month of August 2020, as per the circular KGA/NOC/2019-20 dated 29-05-2019 with reference to Karnataka Act 2011 U/s 17 (K), so as to fulfill the objectives of the Act, in notified taluks and non notified taluks for NOC for the purpose of industrial, commercial, entertainment, infrastructure, mining and others is made compulsory. This subject was discussed in District Ground Water Authority meeting. In this regard, as per the directions, a notice has been issued to obtain NOC for extracting groundwater from Karnataka Ground Water Authority / District Ground Water Authority.</p> <p><b><u>Status of Ground Water Resource Assessment in Annexure-2</u></b></p> |                                                |                                                 |
| XV. Good irrigation practices being adopted by the State:                                                                                            | <p>The Dept. of Agriculture and Horticulture have submitted action plan for implementation of following measures.</p> <ul style="list-style-type: none"> <li>• Farmers are made aware to use water optimally. <ul style="list-style-type: none"> <li>I. By adopting Micro irrigation system(Sprinkler And Drip) in agricultural crops .</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                |                                                 |
| XVI. Rain Water Harvesting:                                                                                                                          | <p>As per the details submitted by Sr. Geologist, District Ground Water Authority, Ramanagara for the month of August 2020, to improve the ground water situation rain water harvesting structure and some of the other artificial recharge structures are recommended to be constructed in their premises while giving the permission to extract ground water from the authority.</p>                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |                                                 |
| XVII. Demarcation of Floodplain and removal of illegal                                                                                               | <p>The tahasildars of the concerned taluk have furnished replies that they are in the process of obtaining the details on encroachment of lands of flood plain and upon receipt of the same they would initiate further</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                |                                                 |

|                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| encroachments:                                                                                                                                    | needful action                                                                                                                                                                                                                                                                                                                                    |
| XVIII. Maintaining minimum e-flow of river:                                                                                                       | The Cauvery Neeravari Nigam Ltd., is requested to submit the action plan as per MoEF & CC norms during monsoon seasons and same is not submitted                                                                                                                                                                                                  |
| XIX. Plantation activities along the rivers:                                                                                                      | The Forest Department has submitted action plan for plantation of saplings on the banks of polluted river stretch of Arkavathi which specifies the plantation of saplings and creation of eco park etc for that they have ear marked Rs.13.49 crores. This will be completed by them within time frame of <b>March 2024</b> , their letter reads. |
| XX. Development of biodiversity park:                                                                                                             |                                                                                                                                                                                                                                                                                                                                                   |
| XXI. Reuse of Treated Water:                                                                                                                      | Treated water is being utilized for onland for Gardening/Irrigation/Recycled for process/Toilet Flushing                                                                                                                                                                                                                                          |
| XXII. Model River being adopted by the State & Action Proposed for achieving the bathing quality standards:                                       | NA                                                                                                                                                                                                                                                                                                                                                |
| XXIII. Status of Preparation of Action Plan by the 13 Coastal States:                                                                             | NA                                                                                                                                                                                                                                                                                                                                                |
| XXIV. Regulation of Mining Activities in the State/UT:                                                                                            | Nil                                                                                                                                                                                                                                                                                                                                               |
| XXV. Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring                              | Nil                                                                                                                                                                                                                                                                                                                                               |
| XXVI. Overall progress of the month:<br><br>Please provide overall progress achieved in terms of all the above points compared to previous month. |                                                                                                                                                                                                                                                                                                                                                   |

#### **Annexure-1**

#### **XIII Status of Water Quality Assessment of polluted rivers in Annexure-1**

| Sl. No.  | Details of Water Quality Monitoring locations as per NWMP | Year                  | DO(mg/l) | BOD(mg/l) | Fecal Coliform (MPN/100 ml) | Total Coliform (MPN/100 ml) |
|----------|-----------------------------------------------------------|-----------------------|----------|-----------|-----------------------------|-----------------------------|
| <b>1</b> | <b>Thippagondanahalli reservoir</b>                       | <b>March-2024</b>     | 3.4      | 15.0      | 330                         | 790                         |
|          |                                                           | <b>April -2024</b>    | 3.4      | 30        | 27                          | 540                         |
|          |                                                           | <b>May-2024</b>       | 1.3      | 27        | 250                         | 3500                        |
|          |                                                           | <b>June-2024</b>      | 5.6      | 4.0       | 13                          | 210                         |
|          |                                                           | <b>July-2024</b>      | 5.4      | 6.0       | 68                          | 490                         |
|          |                                                           | <b>August-2024</b>    | 5.9      | 7.0       | 390                         | 5400                        |
|          |                                                           | <b>September-2024</b> | 4.4      | 8.0       | 6.8                         | 63                          |



|   |                          |                                              |                                              |     |       |        |
|---|--------------------------|----------------------------------------------|----------------------------------------------|-----|-------|--------|
|   |                          | October-2024                                 | 4.8                                          | 10  | 14    | 94     |
|   |                          | November-2024                                | 5.6                                          | 6.0 | 11    | 94     |
|   |                          | December-2024                                | 6.3                                          | 7.0 | 20    | 280    |
|   |                          | January-2025                                 | 6.7                                          | 6.0 | 17    | 220    |
|   |                          | Analysis report not received from Laboratory |                                              |     |       |        |
|   |                          |                                              |                                              |     |       |        |
| 2 | Downstream of Kanakapura | March-2024                                   | 4.0                                          | 8.0 | 14    | 280    |
|   |                          | April-2024                                   | 5.7                                          | 6.0 | 41    | 240    |
|   |                          | May-2024                                     | 5.0                                          | 6.5 | 40    | 330    |
|   |                          | June-2024                                    | 1.2                                          | 26  | 27000 | 130000 |
|   |                          | July-2024                                    | 6.1                                          | 7.0 | 170   | 3500   |
|   |                          | August-2024                                  | 5.4                                          | 6.0 | 630   | 170    |
|   |                          | Septermber-2024                              | 1.5                                          | 39  | 21    | 920    |
|   |                          | October-2024                                 | 3.2                                          | 52  | 68    | 2800   |
|   |                          | November-2024                                | 5.9                                          | 6.0 | 9.3   | 49     |
|   |                          | December-2024                                | 6.8                                          | 5.0 | 1300  | 16000  |
|   |                          | January-2025                                 | 6.0                                          | 7.0 | 140   | 940    |
|   |                          | February-2025                                | Analysis report not received from Laboratory |     |       |        |

#### XIV Status of Ground Water Resource Assessment in Annexure-1

| Sl.No | Village | Well Type | Sampling Date | Fe | EC | pH | NO3 | Cl | F | TH |
|-------|---------|-----------|---------------|----|----|----|-----|----|---|----|
|-------|---------|-----------|---------------|----|----|----|-----|----|---|----|

|   |                                                   |           |            |      |      |      |    |     |      |     |
|---|---------------------------------------------------|-----------|------------|------|------|------|----|-----|------|-----|
| 1 | Kailancha Village,<br>Ramanagara Tq &<br>District | Dug Well  | 11/10/2020 | 0.03 | 1230 | 8.29 | 14 | 210 | 0.55 | 304 |
| 2 | Ramanagara Town,<br>Ramanagara District           | Bore Well | 11/10/2020 | 0.06 | 1370 | 8.14 | 66 | 176 | 1.03 | 328 |
| 3 | Harohalli, Village<br>Kanakapura Taluk            | Dug Well  | --         | --   | --   | --   | -- | --  | --   | --  |
| 4 | Kanakapura Town,<br>Ramanagara District           | Bore Well | --         | --   | --   | --   | -- | --  | --   | --  |

**Sd/-**  
**Environment Officer**  
**Regional Office-Ramanagara**

## **National Mission for Clean Ganga**

### **Format for submission of Monthly Progress Report in the NGT Matter OA**

**No. 673 of 2018 (in compliance to NGT order dated 24.09.2020)**

#### **For the State of Karnataka**

**Name of the River** : Bhadra River  
**Polluted river stretch** : 10Km  
**Priority** : IV  
**Status as on** : 28.02.2025

#### **Overall status of the State:**

I. Total Population: Urban Population & Rural Population separately:

CMC Bhadravathi Population is 151102. (As on 2011 census)

II. Estimated Sewage Generation (MLD): 20 MLD

#### **III. Details of Sewage Treatment Plant:**

- Existing no. of STPs and Treatment Capacity (in MLD):

Existing 3 no of STP's of 5.83 MLD, WSP Technology at Jatpat Nagar, Bhadravathi, 7.2 MLD, WSP Technology at Sy.no.77/P,75/P,75/1P,741/P,64/P,58/1,Seegebagi, CN Road, Bhadravathi, Shivamogga Dist & 1 MLD STP is 1 MLD STP located at Ward no 22, Ujjanipura, Bhadravathi are under operation.

Capacity Utilization of existing STPs: 1.05 MLD

- MLD of sewage being treated through Alternate technology: --
- Gap in Treatment Capacity in MLD:18.95
- No. of Operational STPs: 3
- No. of Complying STPs : 2
- No. of Non-complying STPs: 1

**Details of each existing STP in the State**

| No. | Location                                                                                                                    | Existing STP Capacity | Capacity Being Utilized | Operational Status of STP | Compliance Status of STP |
|-----|-----------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------|---------------------------|--------------------------|
| 1   | City Municipal Council, Bhadravathi Jatpat Nagara, Bhadravathi, Shivamogga Dist                                             | 5.83 MLD              | 1MLD                    | Working                   | Complied                 |
| 2   | City Municipal Council, Bhadravathi Sy.no.77/P,75/P,75/1P,74 1/P,64/P,58/1, Seegebagi, CN Road,Bhadravathi, Shivamogga Dist | 7.2MLD                | 2 MLD                   | Not Working               | Not Complied             |
| 3   | City Municipal Council, Bhadravathi,Sy.No.13, WardNo.22,Ujjinipura, Bhadravathi, Shivamogga                                 | 1MLD                  | 0.05 MLD                | Working                   | Complied                 |

**Details of under construction STPs in the State**

| No. | Location | Capacity of the plant in MLD | Physical Progress in % | Status of I&D or House sewer connections | Completion Timeline |
|-----|----------|------------------------------|------------------------|------------------------------------------|---------------------|
| -   | -        | -                            | -                      | -                                        | -                   |

**Details of proposed STPs in the State**

| No. | Location | Capacity of the STP proposed in MLD | Status of Project (at DPR Stage/ Under Tendering/ Work to be Awarded) | Likely Date of Completion |
|-----|----------|-------------------------------------|-----------------------------------------------------------------------|---------------------------|
| -   | -        | -                                   | -                                                                     | -                         |

**IV. Details of Industrial Pollution:**

- No. of industries in the State:

There are 3 large industries are located in the bank of the Bhadra River.

1. MPM is not working since 7 years.
  2. VISL is working intermittently. BF and SMS unit are not working since 6 years.
  3. Bhadra Packaids is recycling waste water and comply.
- No. of water polluting industries in the State: 3
  - Quantity of effluent generated from the industries in MLD: -
    1. The Mysore Paper Mills Ltd, Bhadravathi, Shivamogga Dist. The effluent generation was 29 MLD. MPM is not working since 6 years.
    2. Steel Authority Of India Ltd, Visveswarayya Iron and Steel Ltd., Bhadravathi, Shivamogga. The effluent generation was 1520 KLD. Blast Furnance and SMS units are not working. Rerolling Mill and Forging units operating intermittently.
    3. Bhadra Packaids Pvt. Ltd, Bommenahalli, Barandur, Badravahti Tq, Shivamogga Dist. The effluent generation is 340 KLD. Recycled back into the process & in washing section after treating in ETP.
  - Quantity of Hazardous Sludge generated from the Industries in TPD: -
  - Number of industrial units having ETPs: 3
  - Number of industrial units connected to CETP: Nil
  - Number and total capacity of ETPs (details of existing/ under construction / proposed) : 87400 KLD
  - Compliance status of the ETPs: Complied
  - Number and total capacity of CETPs (details of existing/ under construction / proposed) : --
- Not Applicable (Shivamogga Dist is not having any CETP.

## Status of compliance and operation of the CETPs

| Town | No. of industries | Industrial discharge | Status of ETPs | Status of CETPs (existing, under construction & proposed) |
|------|-------------------|----------------------|----------------|-----------------------------------------------------------|
|      | Nil               |                      |                |                                                           |

### V. Solid Waste Management:

- Total number of Urban Local Bodies and their Population:

1 - City Municipal Council, Bhadravathi. Population is 151102

Current Municipal Solid Waste Generation is about 53.8 TPD.

- Number, installed capacity and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing eg- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), biomethanation, MRF etc :

**City Municipal Council, Bhadravathi is having MSW sit processing & disposal at Hiriuru Village, Bhadravathi Tq, Shivamogga Dist.**

- Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%) : --
- No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction) : NIL
- Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source : The CMC Bhadravathi is Collecting Solid waste from door to door. The CMC has reported that they have carried out segregation in all 35 wards. The wet waste is composted in the existing solid waste disposal site, the dry recyclable waste are segregated and sent to recyclers.
- Details of MSW treatment facilities proposed and under construction (no., capacity, and technology)-**Nil**

- No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills.: --
- No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers : --
- No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers:---

#### **Status of ULB wise Management of Solid Waste**

| ULB | Total MSW generation in TPD | Total MSW being processed in TPD | Existing MSW facilities                                         | Utilization Capacity of the existing MSW facilities | Proposed MSW Facilities & Completion Timeline                               |
|-----|-----------------------------|----------------------------------|-----------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------|
| 1   | 53.8 TPD                    | 45 TPD                           | windrow platform, composting, Leachate treatment plant provided | 45 TPD                                              | Plant & Machineries installation work is under completed. Not in operation. |

#### **VI. Bio-medical Waste Management:**

- Total Bio-medical generation : 290Kg/day
- No. of Hospitals and Health Care Facilities : There are 121 No of Health Care facilities in the Local body located on the Bhadra river stretch including 32 No bedded Health Care facility, 88 No Non bedded Health Care facilities and 01 Veterinary Hospital.
- Status of Treatment Facility/ CBMWTF: The Shivamogga Dist is having one CBMWTF at i.e.M/s.Shushrutha Biomedical Waste Management Society®, Plot.No.31/C Machenahalli,Bhadravathi Tq & Shivamogga Dist.  
The unit has obtained Consent and Authorization from the Board for the period up to 30.06.2025.

#### **VII. Hazardous Waste Management:**

- No. of Industries generating Hazardous waste : 6
- Treatment Capacity of all TSDFs:

Not Applicable (Shivamogga Dist is not having TSDF Site)

- Avg. Quantity of Hazardous waste reaching the TSDFs and Treated: Not Applicable
- Details of on-going or proposed TSDF: Not Applicable

#### **VIII. Plastic Waste Management:**

- Total Plastic Waste generation: 1095 TPA
- Treatment/ Measures adopted for reduction or management of plastic waste:

The City Municipal Council, Bhadravathi has prepared By laws for Plastic Waste Management Rule. Plastic raids on Commercial activities are conducted from time to time from City Municipal Council, Bhadravathi and KSPCB.

IX. Details of Alternate Treatment Technology being adopted by the State/UT --

X. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment:--This Office inspected the CMC, Bhadravathi and 3 STP on dated 24.08.2023 and sample was collected and submitted to Central lab on dated 25.08.2023.

XI. Details of Nodal Officer appointed by Chief Secretary in the State/UT:--

XII. Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT:--

XIII. Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river; February- 2025 month analysis report enclosed as Annexure-1

XIV. Good irrigation practices being adopted by the State:

**Adaption of micro irrigation practices such as drip/sprinkler.**

XV. Rain Water Harvesting:

**Shivamogga Urban Development Authority (SUDA) is insisting Residential Buildings/Commercial Buildings to adopt Rain Water Harvesting in its approval.**

XVI. Demarcation of Floodplain and removal of illegal encroachments:



**Flood plain zone encroachment details are sought from the Revenue Department.**

XVII. Maintaining minimum e-flow of river:

**Karnataka Water Resources Department is the concerned Department and it is maintaining the flow as per the Norms.**

XVIII. Plantation activities along the rivers:

**The Deputy Commissioner has informed the Forest Department Officers to take suitable action for plantation in flood plain zone.**

XIX. Development of biodiversity park:

**The Deputy Commissioner instructed the Irrigation Department Officials to verify the encroachment if any on the river banks and informed to take suitable action on this issue along with the concerned Department.**

XX. Reuse of Treated Water: --

XXI. Model River being adopted by the State & Action Proposed for achieving the bathing quality standards: --

**XXII. Status of Preparation of Action Plan by the 13 Coastal States: Not Applicable**

XXIII. Regulation of Mining Activities in the State/UT:

Mines & Geology Dept is monitoring Sand Mining activity

XXIV. Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring:--

XXV. Overall progress of the month:--

XXVI. Please provide overall progress achieved in terms of all the above points compared to previous month. Regarding the non-compliances and the discharge of raw sewage into the Bhadra River, this Office issued a "Show Cause" notice to CMC, Bhadravathi. A letter was also provided to the Board Office for approval to file a criminal case. In the month of September, all 3 STPs at CMC, Bhadravathi,

were examined. Conducted awareness programmes and Bhadra river bank cleaning work along with CMC, Bhadravathi on October month .

The Meeting was conducted with concerned department with the chairmanship of the DC, Shivamogga on dated 15.11.2023.

The Meeting was conducted with concerned department with the chairmanship of the DC, Shivamogga on dated 11.07.2024.

Sd/-

Environmental Officer,  
KSPCB, Shivamogga

## **National Mission for Clean Ganga**

### **Format for submission of Monthly Progress Report in the NGT Matter**

**OA No. 673 of 2018 (in compliance to NGT order dated 24.09.2020)**

#### **For the State of Karnataka**

**Name of the River** : BHIMA RIVER  
**Polluted river stretch** : Ghanagapur to Yadgir - 160km  
**Priority** : V  
**Status as on** : 05.03.2025

#### **Overall status of the State:**

I. Total Population: Urban Population & Rural Population separately : **36,400**

II. Estimated Sewage Generation (MLD): **3.68MLD**

#### **III. Details of Sewage Treatment Plant:**

- Existing no. of STPs and Treatment Capacity (in MLD): **Nil**
- Capacity Utilization of existing STPs: **Nil**
- MLD of sewage being treated through Alternate technology: **Nil**
- Gap in Treatment Capacity in MLD: **3.68MLD**
- No. of Operational STPs: **Nil**
- No. of Complying STPs: **Nil**
- No. of Non-complying STPs: **Nil**

#### **Details of each existing STP in the State**

| No. | Location | Existing STP Capacity | Capacity Being Utilized | Operational Status of STP | Compliance Status of STP |
|-----|----------|-----------------------|-------------------------|---------------------------|--------------------------|
| -   | -        | -                     | -                       | -                         | -                        |

**Details of under construction STPs in the State**

| No. | Location                               | Capacity of the plant in MLD | Physical Progress in % | Status of I&D or House sewer connections         | Completion Timeline |
|-----|----------------------------------------|------------------------------|------------------------|--------------------------------------------------|---------------------|
| 1   | TMC, Jewargi at Sy. No. 21/A/A(21/4/2) | 5.83                         | Started the civil work | Yet to connect the UGD to the newly proposed STP | 01 year             |

**Details of proposed STPs in the State**

| No. | Location | Capacity of the STP proposed in MLD | Status of Project (at DPR Stage/ Under Tendering/ Work to be Awarded)     | Likely Date of Completion |
|-----|----------|-------------------------------------|---------------------------------------------------------------------------|---------------------------|
| 1   | Jewargi  | 5.83                                | Obtained CFE of the Board for 5.83MLD STP vide CTE-343940 Dtd. 26.06.2024 | -                         |

**IV. Details of Industrial Pollution:**

- No. of industries in the State: **Nil** (There are no industry located in the river stretch)
- No. of water polluting industries in the State: **Nil**
- Quantity of effluent generated from the industries in MLD: **Nil**
- Quantity of Hazardous Sludge generated from the Industries in TPD: **Nil**
- Number of industrial units having ETPs: **Nil**
- Number of industrial units connected to CETP: **Nil**
- Number and total capacity of ETPs (details of existing/ under construction / proposed): **Nil**
- Compliance status of the ETPs: **Nil**
- Number and total capacity of CETPs (details of existing/ under construction / proposed) : **Nil**
- Status of compliance and operation of the CETPs

| Town | No. of | Industrial | Status of ETPs | Status of CETPs (existing, |
|------|--------|------------|----------------|----------------------------|
|------|--------|------------|----------------|----------------------------|

|   |            |           |   |                                |
|---|------------|-----------|---|--------------------------------|
|   | industries | discharge |   | under construction & proposed) |
| - | -          | -         | - | -                              |

V. **Solid Waste Management:**

- Total number of Urban Local Bodies and their Population : **Town Municipal Council, Jewargi having population of 25,686**
- Current Municipal Solid Waste Generation: **10MT/day, Dry waste – 4MT/day and Wet waste – 6MT/day.**
- Number, installed capacity and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing eg- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), biomethanation, MRF etc: **Dry waste from the TMC, Jewargi is sent to Cement industry for co-processing in cement kiln and Wet waste is converted into compost by local body in the designated/authorised solid waste processing site.**
- Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%): **NIL**
- No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction): **Proposed**
- Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source : **23**
- Details of MSW treatment facilities proposed and under construction (no., capacity, and technology) : **Dry waste from the TMC, Jewargi is sent to Cement industry for co-processing in cement kiln.**
- No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills-**NIL**
- No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers-**NIL**

- No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers : **Drains-5**, no. of drains having floating racks/screens - **Nil**

**Status of ULB wise Management of Solid Waste**

| ULB | Total MSW generation in TPD | Total MSW being processed in TPD | Existing MSW facilities | Utilization Capacity of the existing MSW facilities | Proposed MSW Facilities & Completion Timeline |
|-----|-----------------------------|----------------------------------|-------------------------|-----------------------------------------------------|-----------------------------------------------|
| 1   | 10MT/day                    | 10MT/day                         | 1                       | 10MT/day                                            | -                                             |

**VI. Bio-medical Waste Management:**

- Total Bio-medical generation: **32.5 Kg/day**
- No. of Hospitals and Health Care Facilities: **32 Bedded HCFs and 72 Non Bedded HCFs**
- Status of Treatment Facility/ CBMWTF: **The CBWTFs has provided online continuous monitoring system to incinerator for monitoring of emission. CBWTF has already upgraded their incinerator to meet revised emissions standards as per MOEF Notification 2016.**

**VII. Hazardous Waste Management:**

- Total Hazardous Waste generation: **Nil**
- No. of Industries generating Hazardous waste: **Nil**
- Treatment Capacity of all TSDFs: **Nil**
- Avg. Quantity of Hazardous waste reaching the TSDFs and Treated: **Nil**
- Details of on-going or proposed TSDF: **Nil**

**VIII. Plastic Waste Management:**

- Total Plastic Waste generation: **1.1TPD**

Treatment/ Measures adopted for reduction or management of plastic waste: **Segregated Plastic waste from the TMC Jewargi is sent to Cement industry for co-processing in cement kiln. Draft Policy and Plan for plastic waste management has been prepared by the ULBD and accordingly plastic waste shall be collected from un-organized sectors and from house hold/commercial sectors. Plastic raids (Sales & Shops) were conducted from time to time by Local Body.**

- IX. Details of Alternate Treatment Technology being adopted by the State/UT : **Nil**
- X. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment: **Identified**
- XI. Details of Nodal Officer appointed by Chief Secretary in the State/UT: ---
- XII. Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT: ----
- XIII. Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river.
- XIV. Ground water regulation: ---
- XV. Good irrigation practices being adopted by the State: ---
- XVI. Rain Water Harvesting: ----
- XVII. Demarcation of Floodplain and removal of illegal encroachments: ----
- XVIII. Maintaining minimum e-flow of river: ----
- XIX. Plantation activities along the rivers: ---
- XX. Development of biodiversity park: ---
- XXI. Reuse of Treated Water: ---
- XXII. Model River being adopted by the State & Action Proposed for achieving the bathing quality standards: ---
- XXIII. Status of Preparation of Action Plan by the 13 Coastal States: **NA**
- XXIV. Regulation of Mining Activities in the State/UT: ---

XXV. Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring: **Nil**

XXVI. Overall progress of the month: ---

Please provide overall progress achieved in terms of all the above points compared to previous month.



# National Mission for Clean Cauvery

Format for submission of Monthly Progress Report in the NGT Matter OA No. 673 of 2018 (in compliance to NGT order dated 24.09.2020) For the State of Karnataka

|                        |                                   |
|------------------------|-----------------------------------|
| Name of the River      | Cauvery                           |
| Polluted river stretch | Ranganathittu to Sattegala Bridge |
| Priority               | IV                                |
| Status as on           | Feb- 2025                         |

## Overall status of the State:

| Particulars |                                                                  | TMC Srirangapatna |
|-------------|------------------------------------------------------------------|-------------------|
| I.          | Total Population: Urban Population & Rural Population separately | 25069             |
| II.         | Estimated Sewage Generation (MLD):                               | 2.7               |

## III. Details of Sewage Treatment Plant:

| Particulars                                               | TMC Srirangapatna |
|-----------------------------------------------------------|-------------------|
| Existing no. of STPs and Treatment Capacity (in MLD):     | 3.6               |
| Capacity Utilization of existing STPs:                    | 2.7               |
| MLD of sewage being treated through Alternate technology: | Nil               |
| Gap in Treatment Capacity in MLD:                         | Nil               |
| No. of Operational STPs:                                  | 1                 |
| No. of Complying STPs:                                    | 1                 |
| No. of Non-complying STPs:                                | Nil               |

## Details of each existing STP in the State

| Name of the Local Body | Location              | Existing STP Capacity | Capacity Being Utilized | Operational Status of STP | Compliance Status of STP |
|------------------------|-----------------------|-----------------------|-------------------------|---------------------------|--------------------------|
| TMC Srirangapatna      | Ganjam, Srirangapatna | 3.6 MLD               | 2.7 MLD                 | Operational               | Complied                 |

## Details of under construction STPs in the State

| Name of the Local Body | Location               | Capacity of the plant in MLD                  | Physical Progress in %                                                           | Status of I&D or House sewer connections                                                                                                                          | Completion Timeline |
|------------------------|------------------------|-----------------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| TMC Srirangapatna      | Ganjam, Srirangapatna. | Up gradation of existing 3.6 MLD STP to 5 MLD | Up-gradation of existing 3.6 MLD STP to 5.0 MLD. Work order issued on 09-05-2022 | <ul style="list-style-type: none"> <li><b>Sewage Treatment Plant:</b></li> <li>TMC Srirangapatna - The KUWS&amp;DB, Mandya Division had sanctioned Rs.</li> </ul> | 31-12-2023          |

|  |  |                     |  |                                                                                                                                                                                                                         |  |
|--|--|---------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|  |  | with SBR Technology |  | 16.30 Crores to divert the sewage discharged in to river through storm water drain. Connecting household to UGD by 3000 houses. Up gradation of existing 3.6 MLD STP to 5.0 MLD is completed and it is under operation. |  |
|--|--|---------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

#### Details of proposed STPs in the State

| Name of the Local Body | Location                                | Capacity of the STP proposed in MLD              | Status of Project (at DPR Stage/ Under Tendering/ Work to be Awarded)                                                                                                                                                                                                                                                                    | Likely Date of Completion |
|------------------------|-----------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| TMC Srirangapatna      | Chandagalu Road, Ganjam, Srirangapatna. | Up gradation of existing 3.6 MLD STP to 5.0 MLD. | <b>Sewage Treatment Plant:</b><br><b>TMC Srirangapatna - The KUWS&amp;DB, Mandya Division had sanctioned Rs. 16.30 Crores to divert the sewage discharged in to river through storm water drain. Connecting household to UGD by 3000 houses. Up gradation of existing 3.6 MLD STP to 5.0 MLD is completed and it is under operation.</b> | 31-12-2023                |

| Particulars                                                                                                                                                                                                                                               | TMC Srirangapatna                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Total number of Urban Local Bodies and their Population                                                                                                                                                                                                   | 25069                                                                                                                                                                                          |
| Current Municipal Solid Waste Generation                                                                                                                                                                                                                  | 11.17 TPD                                                                                                                                                                                      |
| Number, installed capacity and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing eg- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), biogas, MRF etc) | <ul style="list-style-type: none"> <li>Composting Existing – 1.5 Gap – 3.0 TPD</li> <li>Sanitary landfill Existing–Nil Gap – 2.34 TPD</li> </ul>                                               |
| Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%)                                                                                                                                      | DPR for Rs. 4.43 Crores is approved to provide compost plant & sanitary land fill site & the same is to be undertaken. At present the solid waste is dumped in the site without any treatment. |
| No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction)                                                                                                                                                        | Nil                                                                                                                                                                                            |
| Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source                                                                                                                                    | <ul style="list-style-type: none"> <li>Door to door collection 23/23 Wards.</li> <li>Segregation practice-19 Wards</li> </ul>                                                                  |
| Details of MSW treatment facilities proposed and under construction (no., capacity, and technology)                                                                                                                                                       | Nil                                                                                                                                                                                            |
| No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills                                                                                                                                                                          | Nil                                                                                                                                                                                            |
| No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers                                                                                                                                                                      | Nil                                                                                                                                                                                            |

No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers

Nos. of drains 3  
Nos. of drains having floating racks / screen – Nil

#### IV. Details of Industrial Pollution:

| Particulars                                                                                   | TMC Srirangapatna                                                                          |
|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| No. of industries in the State:                                                               | 6                                                                                          |
| No. of water polluting industries in the State:                                               | 1                                                                                          |
| Quantity of effluent generated from the industries in MLD:                                    | 0.0196                                                                                     |
| Quantity of Hazardous Sludge generated from the Industries in TPD:                            | Nil                                                                                        |
| Number of industrial units having ETPs:                                                       | 1                                                                                          |
| Number of industrial units connected to CETP:                                                 | Nil                                                                                        |
| Number and total capacity of ETPs (details of existing/ under construction / proposed) in MLD | No. of ETP-1, Capacity-0.022<br>Under construction-0, Capacity-0<br>Proposed-0. Capacity-0 |
| Compliance status of the ETPs:                                                                | Complied                                                                                   |
| Number and total capacity of CETPs (details of existing/ under construction / proposed)       | Nil                                                                                        |

#### Status of compliance and operation of the CETPs

| Town              | No. of industries | Industrial discharge | Status of ETPs | Status of CETPs (existing, under construction & proposed) |
|-------------------|-------------------|----------------------|----------------|-----------------------------------------------------------|
| TMC Srirangapatna | Nil               | Nil                  | Nil            | Nil                                                       |

#### V. Solid Waste Management:

##### Status of ULB wise Management of Solid Waste

| Name of the ULB   | Total MSW generation in TPD | Total MSW being processed in TPD | Existing MSW facilities | Utilization Capacity of the existing MSW facilities | Proposed MSW Facilities & Completion Timeline                                                                                                                                                                                                                               |
|-------------------|-----------------------------|----------------------------------|-------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TMC Srirangapatna | 11.17                       | 1.5                              | Pit Composting          | 1.5                                                 | <b>Solid Waste Management Details:</b><br>DPR for Rs. 4.40 Crores is approved for processing of entire MSW. Presently, the work is assigned to contractor. All civil works are completed at integrated development of SWM site and erection of machinery is under progress. |

**VI. Bio-medical Waste Management:**

| Particulars                                  | TMC Srirangapatna           |
|----------------------------------------------|-----------------------------|
| Total Bio-medical generation in Kgs/day      | 54.45 Kg/day                |
| No. of Hospitals and Health Care Facilities: | Bedded: 3<br>Non Bedded: 19 |
| Status of Treatment Facility/ CBMWTF:        | CBMWTF                      |

**VII. Hazardous Waste Management:**

| Particulars                                                     | TMC Srirangapatna |
|-----------------------------------------------------------------|-------------------|
| Total Hazardous Waste generation:                               | Nil               |
| No. of Industries generating Hazardous waste                    | Nil               |
| Treatment Capacity of all TSDFs                                 | Nil               |
| Avg. Quantity of Hazardous waste reaching the TSDFs and Treated | Nil               |
| Details of on-going or proposed TSDF                            | Nil               |

**VIII. Plastic Waste Management:****IX.**

| Particulars                                                               | TMC Srirangapatna |
|---------------------------------------------------------------------------|-------------------|
| Total Plastic Waste generation:                                           | 0.69              |
| Treatment/ Measures adopted for reduction or management of plastic waste: | Nil               |

| Particulars                                                                                                                               | TMC Srirangapatna                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| X. Details of Alternate Treatment Technology being adopted by the State/UT                                                                | Nil                                                                                                    |
| XI. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment: | 3 drain is identified & monitored & the drain is connected to nearby wet well to pump the same to STP. |
| XII. Details of Nodal Officer appointed by Chief                                                                                          | -                                                                                                      |

|        |                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        | Secretary in the State/UT:                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| XIII.  | Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT:                                                         | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| XIV.   | Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river; | <b>Status of water quality of polluted rivers in Annexure-1.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| XV.    | Ground water regulation:                                                                                                                       | The ground water resources assessment is carried out on Taluka wise (Administrative Units) The State Govt. has taken up various Recharge/Water Conservation Schemes like for augmentation of ground water resources. In respect of semi critical area action plan will be executed with the District Administration to restore the Ground Water Table.                                                                                                                                                                                                                                                                                                                                           |
| XVI.   | Good irrigation practices being adopted by the State:                                                                                          | The Dept. of Agriculture has submitted action plan for implementation of following measures:<br>I. General Government Practice of Irrigation is maintained.<br>II. Farmers are made aware to use water optimally.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| XVII.  | Rain Water Harvesting:                                                                                                                         | <ul style="list-style-type: none"> <li>Rain water harvesting system is completed at TMC office building, Dr. B.R. Ambidkar Bhavan, near welsely bridge, Gandhinagar JSRY Community Hall at Ranganathnagar &amp; water filter house at Ganjam Shishu Vihara at K.G. Road, Ganjam will be completed 15<sup>th</sup> finance tide grant.</li> <li>As per the details submitted by Sr. Geologist, District Ground Water Authority, to improve the ground water situation rain water harvesting structure and some of the other artificial recharge structures are recommended to be constructed in their premises while giving the permission to extract ground water from the authority.</li> </ul> |
| XVIII. | Demarcation of Floodplain and removal of illegal encroachments:                                                                                | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| XIX.   | Maintaining minimum e-flow of river:                                                                                                           | The Cauvery Neeravari Nigam Ltd., is requested to submit the action plan as per MoEF & CC norms during monsoon seasons and same is not submitted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| XX.    | Plantation activities along the rivers:                                                                                                        | Forest Department is requesting to submit the action plan for plantation of saplings on the bank of polluted river stretch of Cauvery the same is not yet submitted.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| XXI.   | Development of biodiversity park:                                                                                                              | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| XXII.  | Reuse of Treated Water:                                                                                                                        | The treated water from the STP is being partially disposed to onland for irrigation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| XXIII. | Model River being adopted by the State & Action Proposed for achieving the bathing quality standards:                                          | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

|                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| XXIV. Status of Preparation of Action Plan by the 13 Coastal States:                                                                               | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| XXV. Regulation of Mining Activities in the State/UT:                                                                                              | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| XXVI. Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring                              | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| XXVII. Overall progress of the month:<br><br>Please provide overall progress achieved in terms of all the above points compared to previous month. | <p><b><u>Sewage Treatment Plant:</u></b></p> <p><b>TMC Srirangatapna - The KUWS&amp;DB, Mandya Division had sanctioned Rs. 16.30 Crores to divert the sewage discharged in to river through storm water drain. Connecting household to UGD by 3000 houses. Up gradation of existing 3.6 MLD STP to 5.0 MLD is completed and it is under operation.</b></p> <p><b><u>Solid Waste Management Details:</u></b></p> <p><b>DPR for Rs. 4.40 Crores is approved for processing of entire MSW. Presently, the work is assigned to contractor. All civil works are completed at integrated development of SWM site and erection of machinery is under progress.</b></p> |

**Annexure-1**

**XIII Status of Water Quality Assessment of polluted rivers in Annexure-1**

| © | Details of Water Quality Monitoring locations as per NWMP                                                                        | Month    | DO (mg/l) | BOD (mg/l) | Fecal Coliform (MPN/100 ml) | Total coliform (MPN/100 ml) |
|---|----------------------------------------------------------------------------------------------------------------------------------|----------|-----------|------------|-----------------------------|-----------------------------|
| 1 | D/S of river Cauvery in Ranganathittu Bird sanctuary, SR Patna Taluk, Mandya District                                            | Feb-2025 | 6.6       | 2.2        | 110                         | 1100                        |
| 2 | D/s of left bank of river Cauvery in Mandya Water Supply Intake Point near SR Patna Taluk, Mandya District                       | Feb-2025 | 6.4       | 2.9        | 120                         | 1200                        |
| 3 | D/s of right bank of river Cauvery in Srirangapatna Water Supply Intake Point near Wellesly Bridge TMC SR Patna, Mandya District | Feb-2025 | 6.5       | 2.6        | 110                         | 1300                        |
| 4 | D/S of river Cauvery in Mysore-Bangalore Road Bridge of TMC Srirangapatna, Mandya District                                       | Feb-2025 | 6.3       | 3.0        | 170                         | 1500                        |

**ANNEXURE-2**

**XIV Status of Ground Water Resource Assessment in Annexure-2**

| District                                                                                                                                                                                                                          | Taluka        | Net Annual Ground Water Availability (HAM) | Total Ground Water Draft (HAM) | Gap between availability and Draft (HAM) | Stage of Ground Water Development (%)* | Category                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------------|--------------------------------|------------------------------------------|----------------------------------------|-------------------------------------|
| Mandya                                                                                                                                                                                                                            | Srirangapatna | 6769.77                                    | 2960.12                        | 3809.65                                  | 44%                                    | <b>*Safe (<math>\leq 70</math>)</b> |
| <b>Note:-</b> The ground water resources assessment is carried out on Taluk wise (Administrative Units) The State Govt. has taken up various Recharge/Water Conservation Schemes like for augmentation of ground water resources. |               |                                            |                                |                                          |                                        |                                     |

**National Mission for Clean Cauvery**

**Format for submission of Monthly Progress Report in the NGT Matter OA No. 673 of 2018 (in compliance to NGT order dated 24.09.2020) for the State of Karnataka**

|                               |                                          |
|-------------------------------|------------------------------------------|
| <b>Name of the River</b>      | <b>Cauvery</b>                           |
| <b>Polluted river stretch</b> | <b>Ranganathittu to Sattegala Bridge</b> |
| <b>Priority</b>               | <b>IV</b>                                |
| <b>Status as on</b>           | <b>February 2024</b>                     |

**Overall status of the State:**

| <b>Particulars</b> |                                                                  | <b>TMC<br/>Srirangapatna</b> | <b>TMC<br/>Bannur</b> | <b>TMC<br/>Narasipura</b> | <b>GP Mullur</b> | <b>GP Harale<br/>(Dasanapura&amp;Harle<br/>e Village)</b> | <b>CMC<br/>Kollegala</b> | <b>GP Satthegala<br/>(Yedkuri Village)</b> | <b>Total</b> |
|--------------------|------------------------------------------------------------------|------------------------------|-----------------------|---------------------------|------------------|-----------------------------------------------------------|--------------------------|--------------------------------------------|--------------|
| <b>I.</b>          | Total Population: Urban Population & Rural Population separately | 25069                        | 24430                 | 31498                     | 5671             | 3264                                                      | 57149                    | 428                                        | 147509       |
| <b>II.</b>         | Estimated Sewage Generation (MLD):                               | 2.7                          | 2.63                  | 3.40                      | 0.24             | 0.14                                                      | 6.19                     | 0.018                                      | 15.318       |

**III. Details of Sewage Treatment Plant:**

| <b>Particulars</b>                                        | <b>TMC<br/>Srirangapatna</b> | <b>TMC<br/>Bannur</b> | <b>TMC<br/>Narasipura</b> | <b>GP Mullur</b> | <b>GP Harale<br/>(Dasanapura &amp;<br/>Harle Village)</b> | <b>CMC<br/>Kollegala</b> | <b>GP Satthegala<br/>(Yedkuri Village)</b> | <b>Total capacity<br/>in MLD</b> |
|-----------------------------------------------------------|------------------------------|-----------------------|---------------------------|------------------|-----------------------------------------------------------|--------------------------|--------------------------------------------|----------------------------------|
| Existing no. of STPs and Treatment Capacity (in MLD):     | 3.6                          | 3.31                  | 5.5                       | Nil              | Nil                                                       | 9                        | Nil                                        | <b>21.41</b>                     |
| Capacity Utilization of existing STPs:                    | 2.7                          | 2.63                  | 3.40                      | Nil              | Nil                                                       | 6                        | Nil                                        | <b>14.73</b>                     |
| MLD of sewage being treated through Alternate technology: | Nil                          | Nil                   | Nil                       | Nil              | Nil                                                       | Nil                      | Nil                                        | <b>Nil</b>                       |
| Gap in Treatment Capacity in MLD:                         | Nil                          | Nil                   | Nil                       | Nil              | Nil                                                       | Nil                      | Nil                                        | <b>Nil</b>                       |
| No. of Operational STPs:                                  | 1                            | 1                     | 1                         | Nil              | Nil                                                       | 1                        | Nil                                        | <b>4</b>                         |
| No. of Complying STPs:                                    | 1                            | 1                     | 1                         | Nil              | Nil                                                       | 1                        | Nil                                        | <b>4</b>                         |
| No. of Non-complying STPs:                                | Nil                          | Nil                   | Nil                       | Nil              | Nil                                                       | Nil                      | Nil                                        | <b>Nil</b>                       |

- Note:** GP Mullur, GP Harale (Dasanapura & Harle Village) & GP Satthegala (Yedkuri Village) does not have STP and the Sewage effluent from the individual houses are being disposed off in to Septic tank and soak pits.



**Details of each existing STP in the State**

| <b>Name of the Local Body</b> | <b>Location</b>                                                       | <b>Existing STP Capacity</b> | <b>Capacity Being Utilized</b> | <b>Operational Status of STP</b> | <b>Compliance Status of STP</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------|-----------------------------------------------------------------------|------------------------------|--------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TMC Srirangapatna             | Ganjam, Srirangapatna                                                 | 3.6 MLD                      | 2.7 MLD                        | Yes                              | Complied                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| TMC, T Narasipura             | Sy. No. 65/1, Byrapura & Algudu Village, T.N.Pura Taluk, Mysuru       | 5.5 MLD                      | 3.8 MLD                        | Operational                      | STP is under stabilization & not receiving full quantum of sewage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| TMC, Bannur                   | Sy. No. 174/1, 174/2, Yedahalli Village, Bannur Hobli, Bannur, Mysuru | 3.31 MLD                     | 2.36 MLD                       | Operational                      | STP consisting of WSP not maintained & operated in scientific manner                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| CMC, Kollegala                | Sy No.930, 934, 946 & 935, Mullur Road, Kollegal Taluk                | 9.0 MLD                      | 4.5 MLD                        | 4.5 MLD                          | 9 MLD STP is under operation & not receiving full quantum of sewage because of the missing links. UGD works is completed but the house to sewer network connection is partially completed. As per the MPR submitted by the CMCKollegala the connection of entire sewer network and other sources of generation of sewage have been connected to the STP barring the isolated areas of HosaAnagalli, Shankanapura, Upparamole and Bendarahalli and Booditittu. The earlier proposed wet wells have been dropped at HosaAnagalli, Shankanapura, Upparamole and |

|  |  |  |  |  |                                                                                                                                                                                                                                                                            |
|--|--|--|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  |  |  | Bendarahalli and Boodittu and new technology based decentralized local treatment units in the form of mini STP have been proposed for the said area. Hence CMC kollegala has sought time till Aug 2021 for the establishment and commissioning of the proposed mini STP's. |
|--|--|--|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### Details of under construction STPs in the State

| Name of the Local Body | Location                                                             | Capacity of the plant in MLD                                      | Physical Progress in %                                                                                                                                                                                                                                                     | Status of I&D or House sewer connections                                                                                                                                                                                                        | Completion Timeline |
|------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| TMC Srirangapatna      | Ganjam, Srirangapatna.                                               | Up gradation of existing 3.6 MLD STP to 5 MLD with SBR Technology | Revised DPR is prepared by KUWS&DB, Mandya Division for Rs. 16.30 Crores to divert the sewage discharged in to river through storm water drain. Connecting household to UGD by 300 houses. Up gradation of existing 3.6 MLD STP to 5.0 MLD. The DPR is yet to be approved. | Proposals submitted to Government for taking up I&D works to re connect the sewage in to nearby wetwells and household UGD connections for 3000 houses.                                                                                         | 31-03-2021          |
| TMC, T Narasipura      | Sy. No. 65/1, Byrapura&Algudu Village, T.N.Pura Taluk, Mysuru        | Nil                                                               | Nil                                                                                                                                                                                                                                                                        | 4 drains carrying sullage effluent is to be connected to wet well before Micro STP. <b>Work is in Progress. DPR has been prepared and yet to be approved.</b>                                                                                   | 31-03-2021          |
| TMC, Bannur            | Sy. No. 174/1, 174/2, Yedahalli Village, BannurHobli, Bannur, Mysuru | 0.49 MLD                                                          | DPR prepared by KUWS&DB, Mysuru for Rs. 58 Crores for laying UGD network for new extension and to upgrade the existing STP to 3.8 MLD with SBT Technology. <b>The construction work is completed.</b>                                                                      | 50% of the town limit is connected to UGD & the remaining houses are yet to be connected. The sewage effluent from Makanahalli Extension is disposed off in to Septic tank and the same is transported to STP for further treatment & disposal. | 31-03-2021          |
| GP, Mulluru            | -                                                                    | -                                                                 | -                                                                                                                                                                                                                                                                          | Proposed to provide Common Septic tank and soak pit by diverting the sullage                                                                                                                                                                    | 31-03-2021          |

|                                           |                                                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |
|-------------------------------------------|--------------------------------------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
|                                           |                                                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                             | joining to river. The Executive Officer, Taluk Panchayath, Kollegalahas submitted a letter stating that under Swatch Bharathmission budget is sanctioned for providing septic tank and soak pit and phyto remediation technique for treatment of sullagefor the villages located along the banks of Cauvery river. <b>No Work is in Progress.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |
| GP Harale<br>(Dasanapura & Harle Village) | -                                                      | -     | -                                                                                                                                                                                                                                                                                                                                                                                                                                           | Do                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 31-03-2021 |
| CMC, Kollegala                            | Sy No.930, 934, 946 & 935, Mullur Road, Kollegal Taluk | 9 MLD | 80% is completed. since Out of the planned 7 wet wells serving each of the 7 collection networks zones, the construction of 03 wet wells one each for Uppara mole, shankanapura and Hosanagalli is yet to be taken up by the implementing agency i.e., KUWS&DB. The construction of Shankanapura collection zones wet well is delayed has the land issue of the wet well site as enter into illegal litigation in the Karnataka High Court. | KUWS & DB have completed the construction of 9 MLD STP for treatment of sewage generated within the town limit and the same is in operation. As per the MPR submitted by the CMC Kollegala the connection of entire sewer network and other sources of generation of sewage have been connected to the STP barring the isolated areas of HosaAnagalli, Shankanapura, Upparamole and Bendarahalli and Booditittu. The earlier proposed wet wells have been dropped at HosaAnagalli, Shankanapura, Upparamole and Bendarahalli and Booditittu and new technology based decentralized local treatment units in the form of mini STP have been proposed for the said area. Hence CMC kollegala has sought time till Aug 2021 for the establishment and commissioning of the proposed mini STP's. | 31-03-2021 |
| Yedkuri Village<br>(GP Satthegala)        | -                                                      | -     | -                                                                                                                                                                                                                                                                                                                                                                                                                                           | Proposed to provide Common Septic tank and soak pit by diverting the sullage joining to river. The Executive Officer, Taluk Panchayath, Kollegala has                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 31-03-2021 |

|  |  |  |  |                                                                                                                                                                                                                                                                             |  |
|--|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|  |  |  |  | submitted a letter stating that under Swatch Bharath mission budget is sanctioned for providing septic tank and soak pit and phyto remediation technique for treatment of sullage for the villages located along the banks of Cauvery river. <b>No Work is in Progress.</b> |  |
|--|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

**Details of proposed STPs in the State**

| Name of the Local Body               | Location                                                             | Capacity of the STP proposed in MLD                                                                                                                                                                                                       | Status of Project (at DPR Stage/ Under Tendering/ Work to be Awarded)                                                                                                                                                                                                                              | Likely Date of Completion |
|--------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| TMC Srirangapatna                    | Chandagalu Road, Ganjam, Srirangapatna.                              | Up gradation of existing 3.6 MLD STP to 5.0 MLD.                                                                                                                                                                                          | Revised DPR is prepared by KUWS&DB, Mandya Division for Rs. 16.30 Crores to divert the sewage discharged in to river through storm water drain. Connecting household to UGD by 300 houses. Up gradation of existing 3.6 MLD STP to 5.0 MLD. The DPR is yet to be approved.                         | March - 2021              |
| TMC, T Narasipura                    | Sy. No. 65/1, Byrapura&Algudu Village, T.N.Pura Taluk, Mysuru        | Nil                                                                                                                                                                                                                                       | Nil                                                                                                                                                                                                                                                                                                | Nil                       |
| TMC, Bannur                          | Sy. No. 174/1, 174/2, Yedahalli Village, BannurHobli, Bannur, Mysuru | Upgradation of existing STP to 3.8 MLD with SBT Technology.                                                                                                                                                                               | Upgradation of existing STP to 3.8 MLD with SBT Technology <b>work is completed.</b>                                                                                                                                                                                                               | March - 2021              |
| GP, Mulluru                          | GP, Mulluru                                                          | 2 drains is identified & monitored. ZP Chamarajanagar has earmarked an amount of Rs. 3.0 Lakhs for providing Common Sewage collection tank & Common septic tank and soak pit. <b>No physical progress in Field is made upto Feb 2021.</b> | The Executive Officer, Taluk Panchayath, Kollegala has submitted a letter stating that under Swatch Bharath mission budget is sanctioned for providing septic tank and soak pit and phyto remediation technique for treatment of sullage for the villages located along the banks of Cauvery river | March - 2021              |
| GP Harale (Dasanapura&Harle Village) | GP Harale (Dasanapura&Harle Village)                                 | 5 drains is identified & monitored. ZP Chamarajanagar has earmarked an amount of Rs. 3.0 Lakhs for providing Common Sewage collection tank & Common septic tank and soak pit. <b>No physical progress in Field is made upto Feb 2021</b>  | Do                                                                                                                                                                                                                                                                                                 | March - 2021              |

|                                 |                                 |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |
|---------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Yedkuri Village (GP Sathhegala) | Yedkuri Village (GP Sathhegala) | 1 drains is identified & monitored. ZP Chamarajanagar has earmarked an amount of Rs. 3.0 Lakhs for providing Common Sewage collection tank & Common septic tank and soak pit. <b>No physical progress in Field is made upto Feb 2021.</b> | The Executive Officer, Taluk Panchayath, Kollegala has submitted a letter stating that under Swatch Bharath mission budget is sanctioned for providing septic tank and soak pit and phyto remediation technique for treatment of sullage for the villages located along the banks of Cauvery river                                                                                                                                                                                                                                                                                                                                                                    | March - 2021 |
| CMC, Kollegala                  | CMC, Kollegala                  | New STP is under operation                                                                                                                                                                                                                | New STP is under operation As per the MPR submitted by the CMC Kollegala the connection of entire sewer network and other sources of generation of sewage have been connected to the STP barring the isolated areas of HosaAnagalli, Shankanapura, Upparamole and Bendarahalli and Booditittu. The earlier proposed wet wells have been dropped at HosaAnagalli, Shankanapura, Upparamole and Bendarahalli and Booditittu and new technology based decentralized local treatment units in the form of mini STP have been proposed for the said area. Hence CMC kollegala has sought time Aug 2021 for the establishment and commissioning of the proposed mini STP's. | -            |

#### IV. Details of Industrial Pollution:

| Particulars                                                | TMC Srirangapatna | TMC Bannur | TMC Narasipura | GP Mullur | GP Harale (Dasanapura&Harle Village) | CMC Kollegala | GP Sathhegala (Yedkuri Village) |
|------------------------------------------------------------|-------------------|------------|----------------|-----------|--------------------------------------|---------------|---------------------------------|
| No. of industries in the State:                            | 6                 | 4          | 34             | Nil       | Nil                                  | 14            | Nil                             |
| No. of water polluting industries in the State:            | 1                 | 3          | 22             | Nil       | Nil                                  | 5             | Nil                             |
| Quantity of effluent generated from the industries in MLD: | 0.0196            | 0.027      | 0.027          | Nil       | Nil                                  | 0.021         | Nil                             |

|                                                                                         |                                                                                            |                                                                                            |                                                                                             |     |     |                                                                                                |     |
|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----|-----|------------------------------------------------------------------------------------------------|-----|
| Quantity of Hazardous Sludge generated from the Industries in TPD:                      | Nil                                                                                        | Nil                                                                                        | Nil                                                                                         | Nil | Nil | 0                                                                                              | Nil |
| Number of industrial units having ETPs:                                                 | 1                                                                                          | 3                                                                                          | 22                                                                                          | Nil | Nil | 5                                                                                              | Nil |
| Number of industrial units connected to CETP:                                           | Nil                                                                                        | Nil                                                                                        | Nil                                                                                         | Nil | Nil | Nil                                                                                            | Nil |
| Number and total capacity of ETPs (details of existing/ under construction / proposed)  | No. of ETP-1, Capacity-0.022<br>Under construction-0, Capacity-0<br>Proposed-0. Capacity-0 | No. of ETP-3, Capacity-0.027<br>Under construction-0, Capacity-0<br>Proposed-0. Capacity-0 | No. of ETP-22, Capacity-0.027<br>Under construction-0, Capacity-0<br>Proposed-0. Capacity-0 | Nil | Nil | No. of ETP-5, Capacity-0.021<br>Under construction-0, Capacity-0<br>Proposed-1. Capacity-0.018 | Nil |
| Compliance status of the ETPs:                                                          | Complied                                                                                   | Nil                                                                                        | Nil                                                                                         | Nil | Nil | Complied                                                                                       | Nil |
| Number and total capacity of CETPs (details of existing/ under construction / proposed) | Nil                                                                                        | Nil                                                                                        | Nil                                                                                         | Nil | Nil | Nil                                                                                            | Nil |

#### Status of compliance and operation of the CETPs

| Town                                 | No. of industries | Industrial discharge | Status of ETPs | Status of CETPs (existing, under construction & proposed) |
|--------------------------------------|-------------------|----------------------|----------------|-----------------------------------------------------------|
| TMC Srirangapatna                    | Nil               | Nil                  | Nil            | Nil                                                       |
| TMC, T Narasipura                    | Nil               | Nil                  | Nil            | Nil                                                       |
| TMC, Bannur                          | Nil               | Nil                  | Nil            | Nil                                                       |
| GP, Mulluru                          | Nil               | Nil                  | Nil            | Nil                                                       |
| GP Harale (Dasanapura&Harle Village) | Nil               | Nil                  | Nil            | Nil                                                       |
| CMC, Kollegala                       | Nil               | Nil                  | Nil            | Nil                                                       |
| Yedkuri Village (GP Sathhegala)      | Nil               | Nil                  | Nil            | Nil                                                       |

#### V. Solid Waste Management:

| Particulars                                             | TMC Srirangapatna | TMC Bannur | TMC Narasipura | GP Mullur | GP Harale (Dasanapura&Harle Village) | CMC Kollegala | GP Sathhegala (Yedkuri Village) |
|---------------------------------------------------------|-------------------|------------|----------------|-----------|--------------------------------------|---------------|---------------------------------|
| Total number of Urban Local Bodies and their Population | 25069             | 24430      | 31498          | 5671      | 3264                                 | 57149         | 428                             |
| Current Municipal Solid Waste Generation                | 11.17 TPD         | 8.9        | 10             | 1.2       | 0.6                                  | 21.0          | 0.1                             |

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                |                                                                                                                                                                                                    |                                                                                                                                                                                                                                                            |     |     |                                                                                                                                                     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Number, installed capacity and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing eg- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), bimethanation, MRF etc | <ul style="list-style-type: none"> <li>• Composting Existing – 1.5Gap – 3.0 TPD</li> <li>• Sanitary landfill Existing–Nil Gap – 2.34 TPD</li> </ul>                                            | <ul style="list-style-type: none"> <li>• Composting Existing – 1.5 Gap – 0.64 TPD</li> <li>• Sanitary landfill Existing–Nil Gap – 2.13 TPD</li> </ul>                                              | <ul style="list-style-type: none"> <li>• Composting Existing – Nil Gap – 4.1 TPD</li> <li>• Sanitary landfill Existing–Nil Gap – 2.4 TPD</li> </ul>                                                                                                        | Nil | Nil | <ul style="list-style-type: none"> <li>• Composting Existing – 2.0 Gap – 6.61TPD</li> <li>• Sanitary landfill Existing–Nil Gap – 5.0 TPD</li> </ul> | Nil |
| Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%)                                                                                                                                            | DPR for Rs. 4.43 Crores is approved to provide compost plant & sanitary land fill site & the same is to be undertaken. At present the solid waste is dumped in the site without any treatment. | DPR for Rs. 1.06 Crores is approved to provide compost plant & sanitary land fill site. <b>The work is under progress.</b> At present the solid waste is dumped in the site without any treatment. | DPR for Rs. 4.13 Crores is approved to provide compost plant & sanitary land fill site & the same is to be undertaken. <b>One zero waste management site has been established.</b> At present the solid waste is dumped in the site without any treatment. | Nil | Nil | DPR is approved for Rs. 2.5 Crores for procurement of machinery & other accessory to initiate composting & sanitary land fill site maintenance.     | Nil |
| No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction)                                                                                                                                                              | Nil                                                                                                                                                                                            | Nil                                                                                                                                                                                                | Nil                                                                                                                                                                                                                                                        | Nil | Nil | Nil                                                                                                                                                 | Nil |
| Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source                                                                                                                                          | <ul style="list-style-type: none"> <li>• Door to door collection 23/23 Wards.</li> <li>• Segregation practice-19 Wards</li> </ul>                                                              | <ul style="list-style-type: none"> <li>• Door to door collection 23/23 Wards.</li> <li>• Segregation practice-13 Wards</li> </ul>                                                                  | <ul style="list-style-type: none"> <li>• Door to door collection 23/23 Wards.</li> <li>• Segregation practice-6 wards</li> </ul>                                                                                                                           | Nil | Nil | <ul style="list-style-type: none"> <li>• Door to door collection 31/31 Wards.</li> <li>• Segregation practice-28</li> </ul>                         | Nil |
| Details of MSW treatment facilities proposed and under construction (no., capacity, and technology)                                                                                                                                                             | Nil                                                                                                                                                                                            | Nil                                                                                                                                                                                                | Nil                                                                                                                                                                                                                                                        | Nil | Nil | Nil                                                                                                                                                 | Nil |
| No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills                                                                                                                                                                                | Nil                                                                                                                                                                                            | Nil                                                                                                                                                                                                | Nil                                                                                                                                                                                                                                                        | Nil | Nil | Nil                                                                                                                                                 | Nil |
| No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers                                                                                                                                                                            | Nil                                                                                                                                                                                            | Nil                                                                                                                                                                                                | Nil                                                                                                                                                                                                                                                        | Nil | Nil | Nil                                                                                                                                                 | Nil |

|                                                                                                                                                 |                                                                         |                                                                         |                                                                         |                                                                         |                                                                         |                                                                        |                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------|
| No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers | Nos. of drains 3<br>Nos. of drains having floating racks / screen – Nil | Nos. of drains 2<br>Nos. of drains having floating racks / screen – Nil | Nos. of drains 4<br>Nos. of drains having floating racks / screen – Nil | Nos. of drains 2<br>Nos. of drains having floating racks / screen – Nil | Nos. of drains 5<br>Nos. of drains having floating racks / screen – Nil | Nos. of drains1<br>Nos. of drains having floating racks / screen – Nil | Nos. of drains 1<br>Nos. of drains having floating racks / screen – Nil |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------|

#### **Status of ULB wise Management of Solid Waste**

| Name of the ULB                         | Total MSW generation in TPD | Total MSW being processed in TPD | ExistingMSWfacilities | Utilization Capacity of the existing MSW facilities | Proposed MSW Facilities & Completion Timeline                                                                                                                                          |
|-----------------------------------------|-----------------------------|----------------------------------|-----------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TMC Srirangapatna                       | 11.17                       | 1.5                              | Pit Composting        | 1.5                                                 | DPR for Rs. 4.40 Crores is approved for processing of entire MSW & currently work is assigned to contractor is going on.                                                               |
| TMC, T Narasipura                       | 10                          | 0                                | Pit Composting        | 0                                                   | SWM DPR prepared under swaccha Bharath Mission is approved and action is being taken up as per DPR . <b>One zero waste management site has been established. Timeline -30-03-2021</b>  |
| TMC, Bannur                             | 8.9                         | 1.5                              | Pit Composting,       | 1.5                                                 | DPR has been prepared under SBM and it is in the implementation stage. <b>The work is under progress. Timeline - 30-03-2021</b>                                                        |
| GP, Mulluru                             | 1.2                         | 0                                | Nil                   | 0                                                   | No action plan                                                                                                                                                                         |
| GP Harale<br>(Dasanapura&Harle Village) | 0.6                         | 0                                | Nil                   | 0                                                   | No action plan                                                                                                                                                                         |
| CMC, Kollegala                          | 21.0                        | 2.0                              | Pit Composting        | 2.0                                                 | As per the MPR submitted by CMC kollegala for Feb 2021 Electrification , drilling of Borewell, installation of macheries are under tender process. Windrow composting method June 2021 |
| Yedkuri Village (GP Saththegala)        | 0.1                         | 0                                | Nil                   | 0                                                   | No action plan                                                                                                                                                                         |
| <b>Total</b>                            | <b>52.97</b>                | <b>5.0</b>                       |                       | <b>5.0</b>                                          |                                                                                                                                                                                        |



**VI. Bio-medical Waste Management:**

| Particulars                                  | TMC<br>Srirangapatna        | TMC Bannur                 | TMC Narasipura              | GP Mullur | GP Harale<br>(Dasanapura&Harle<br>Village) | CMC Kollegala               | GP Satthegala<br>(Yedkuri<br>Village) |
|----------------------------------------------|-----------------------------|----------------------------|-----------------------------|-----------|--------------------------------------------|-----------------------------|---------------------------------------|
| Total Bio-medical generation in Kgs/day      | 54.45 Kg/day                | 16 Kg/day                  | 119.5 Kgs/day               | Nil       | Nil                                        | 103.44 kg/day               | Nil                                   |
| No. of Hospitals and Health Care Facilities: | Bedded: 3<br>Non Bedded: 19 | Bedded: 1<br>Non Bedded: 4 | Bedded: 15<br>Non Bedded:18 | Nil       | Nil                                        | Bedded: 09<br>Non Bedded:31 | Nil                                   |
| Status of Treatment Facility/ CBMWTF:        | CBMWTF                      | CBMWTF                     | CBMWTF                      | Nil       | Nil                                        | CBMWTF                      | Nil                                   |

**VII. Hazardous Waste Management:**

| Particulars                                                     | TMC<br>Srirangapatna | TMC<br>Bannur | TMC<br>Narasipura | GP<br>Mullur | GP Harale<br>(Dasanapura&Harle<br>Village) | CMC<br>Kollegala | GP Satthegala (Yedkuri<br>Village) |
|-----------------------------------------------------------------|----------------------|---------------|-------------------|--------------|--------------------------------------------|------------------|------------------------------------|
| Total Hazardous Waste generation:                               | Nil                  | Nil           | Nil               | Nil          | Nil                                        | 0.805 TPA        | Nil                                |
| No. of Industries generating Hazardous waste                    | Nil                  | Nil           | Nil               | Nil          | Nil                                        | 01               | Nil                                |
| Treatment Capacity of all TSDFs                                 | Nil                  | Nil           | Nil               | Nil          | Nil                                        | Nil              | Nil                                |
| Avg. Quantity of Hazardous waste reaching the TSDFs and Treated | Nil                  | Nil           | Nil               | Nil          | Nil                                        | Nil              | Nil                                |
| Details of on-going or proposed TSDF                            | Nil                  | Nil           | Nil               | Nil          | Nil                                        | Nil              | Nil                                |

**VIII. Plastic Waste Management:**

| Particulars                                                               | TMC<br>Srirangapatna | TMC Bannur | TMC<br>Narasipura | GP<br>Mullur | GP Harale<br>(Dasanapura&Harle<br>Village) | CMC Kollegala | GP Satthegala<br>(Yedkuri Village) |
|---------------------------------------------------------------------------|----------------------|------------|-------------------|--------------|--------------------------------------------|---------------|------------------------------------|
| Total Plastic Waste generation:                                           | 0.69                 | 0.2        | 0.36              | Nil          | Nil                                        | 0.5 TPD       | Nil                                |
| Treatment/ Measures adopted for reduction or management of plastic waste: | Nil                  | Nil        | Nil               | Nil          | Nil                                        | Nil           | Nil                                |

| Particulars                                                                 | TMC<br>Srirangapatna | TMC Bannur | TMC<br>Narasipura | GP Mullur | GP Harale<br>(Dasanapura&H<br>arle Village) | CMC<br>Kollegala | GP Satthegala<br>(Yedkuri Village)<br>Total |
|-----------------------------------------------------------------------------|----------------------|------------|-------------------|-----------|---------------------------------------------|------------------|---------------------------------------------|
| IX. Details of Alternate Treatment Technology being adopted by the State/UT | Nil                  | Nil        | Nil               | Nil       | Nil                                         | Nil              | Nil                                         |

|       |                                                                                                                                                |                                                                                                                                                                                                                                                                  |                                                |                                                |                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                      |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| X.    | Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment:          | 3 drain is identified & monitored & the drain is connected to nearby wet well to pump the same to STP.                                                                                                                                                           | 2 Drains identified and monitored periodically | 4 Drains identified and monitored periodically | 2 drains is identified & monitored. The Executive Officer, Taluk Panchayath, Kollegala has submitted a letter stating that under Swatch Bharathmission budget is sanctioned for providing septic tank and soak pit and phyto remediation technique for treatment of sullage for the villages located along the banks of Cauvery river | 5 drains is identified & monitored. The Executive Officer, Taluk Panchayath, Kollegala has submitted a letter stating that under Swatch Bharathmission budget is sanctioned for providing septic tank and soak pit and phyto remediation technique for treatment of sullage for the villages located along the banks of Cauvery river | 1 drain is identified & monitored. CMC Kollegala is providing UGD network for the entire town & after completion of the same the sewage & sullage entering the said drains is diverted to STP for further treatment & disposal. The UGD work is under progress. | 1 drain is identified & monitored. The Executive Officer, Taluk Panchayath, Kollegala has submitted a letter stating that under Swatch Bharathmission budget is sanctioned for providing septic tank and soak pit and phyto remediation technique for treatment of sullage for the villages located along the banks of Cauvery river |
| XI.   | Details of Nodal Officer appointed by Chief Secretary in the State/UT:                                                                         | -                                                                                                                                                                                                                                                                |                                                |                                                |                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                      |
| XII.  | Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT:                                                         | -                                                                                                                                                                                                                                                                |                                                |                                                |                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                      |
| XIII. | Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river; | <b><u>Latest water quality of polluted river stretch for the month of February- 2025 in Annexure-1</u></b>                                                                                                                                                       |                                                |                                                |                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                      |
| XIV.  | Ground water regulation:                                                                                                                       | CMC Kollegala : As per the details submitted by Sr. Geologist, District Ground Water Authority, Chamarajanagar for the month of Feb 2021, as per the circular KGA/NOC/2019-20 dated 29-05-2019 with reference to Karnataka Act 2011 U/s 17 (K), so as to fulfill |                                                |                                                |                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                      |

|                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                             | the objectives of the Act, in notified taluks and non notified taluks for NOC for the purpose of industrial, commercial, entertainment, infrastructure, mining and others is made compulsory. This subject was discussed in District Ground Water Authority meeting. In this regard, as per the directions, notices has been issued to obtain NOC for extracting groundwater from Karnataka Ground Water Authority / District Ground Water Authority.                                                                                                                                                                          |
| XV. Good irrigation practices being adopted by the State:                                                   | <p>The Dept. of Agriculture has submitted action plan for implementation of following measures:</p> <p>I. General Government Practice of Irrigation is maintained.</p> <p>II. Farmers are made aware to use water optimally.</p> <p>As per the details submitted by Kaveri Neeravari Nigama for the month of August 2020, Canal System are partially lined, so as to minimize seepage losses. In view of this a DPR proposed from the irrigation department of Kollegala taluk for the work related to Distributaries (D-56 to D-62) under Kabini Right Bank Canal (KRBC). Total cost of Rs.20 crores for modernization of</p> |
| XVI. Rain Water Harvesting:                                                                                 | As per the details submitted by Sr. Geologist, District Ground Water Authority, Chamarajanagar for the month of October 2020, to improve the ground water situation rain water harvesting structure and some of the other artificial recharge structures are recommended to be constructed in their premises while giving the permission to extract ground water from the authority.                                                                                                                                                                                                                                           |
| XVII. Demarcation of Floodplain and removal of illegal encroachments:                                       | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| XVIII. Maintaining minimum e-flow of river:                                                                 | Flow data given by Chief Engineer CNL Irrigation South Mysore, Cauvery Neeravari Nigama Limited wrt daily Gauge report of Cauvery . As per the report the inflow of the Cauvery river is 7260 cusecs as on 04.12.2021                                                                                                                                                                                                                                                                                                                                                                                                          |
| XIX. Plantation activities along the rivers:                                                                | Social Forestry Department, Chamarajanagar district in its letter reads that the proposed plan for plantation of saplings on the bank of Cauvery river for about 14.5 Kms in the ensuing monsoon season. The project is yet to be approved and sanctioned. Hence no progress made.                                                                                                                                                                                                                                                                                                                                             |
| XX. Development of biodiversity park:                                                                       | As of now, there is no biodiversity parks on T Narasipura Taluk. The Forest Department is requested to submit action plan for the proposed bio diversity parks. The status of the existing and proposed bio diversity parks and its implementations will be executed by March 2021 in coordination with the Forest Department                                                                                                                                                                                                                                                                                                  |
| XXI. Reuse of Treated Water:                                                                                | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| XXII. Model River being adopted by the State & Action Proposed for achieving the bathing quality standards: | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| XXIII. Status of Preparation of Action Plan by the 13 Coastal States:                                       | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| XXIV. Regulation of Mining Activities in the State/UT:                                                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| XXV. Action against identified polluters, law violators and officers responsible for                        | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

|                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| failure for vigorous monitoring                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| XXVI. Overall progress of the month: Please provide overall progress achieved in terms of all the above points compared to previous month. | <ul style="list-style-type: none"> <li>a) With respect to treatment &amp; disposal of sewage effluent the LB's have taken steps to operate the existing STPs &amp; action plan for up gradation of the existing STPs is being prepared by KUWS&amp;DB &amp; the same is yet to be approved by the Government.</li> <li>b) With respect to Solid Waste Management by Municipalities, steps have been taken process the Solid Waste with the existing compost facilities and works followed by tendering for expanding the same along with sanitary land fill sites construction are under progress.</li> <li>c) District level meeting on Polluted river stretches was held on 3-3-2021 under the Chairmanship of Minister C.P Yogeshwar. As per the directions of Minister Local Bodies were directed to use the available funds of the CMC to divert the Missing links of sewage to STP</li> <li>d) As per the proceedings of the meeting conducted on 24.09.2021 under the chairmanship of Hon`ble Subhash Adi Former Judge, High Court of Karnataka and Upa Lokayuktha, Government of Karnataka and Chairperson National Green Tribunal State Level Committee Karnataka Constituted by Hon`ble NGT in OA No 606/2018 , "the missing links sewage effluent discharged into storm water drain shall be diverted to nearby STPs /Wet wells by providing interception and diversion system by adopting low cost treatment facilities" the same is communicated to ULB's for further action.</li> <li>e) Short term tender notification has been called by the KUWS&amp;DB through E-procurement portal tender no: KUWSDB/2021-22/WS/WORK_INDENT2943 on 06-04-2021 with respect to rejuvenation of UGD systems, construction/ upgradation of STPs, providing sewer networks and outfall sewer lines, construction of wetwells, providing rising mains and other related works along with operation and maintenance of STPs as per NGT directions</li> <li>f) Work Order issued by Executive Engineer, KUWS &amp;DB, Mysuru to the M/s. CVK Construction Pvt Ltd., Vide letter dated 08.11.2021 to proceed with the contract for providing/ rejuvenation of UGD scheme to Bannur Town as per NGT standards including O&amp;M for 5 years at a tender price of Rs. 43,10,72,922 as approved by Chief Engineer, KUWS&amp; DB, Mysuru .</li> <li>g) Flow data given by Chief Engineer CNL Irrigation South Mysore, Cauvery Neeravari Nigama Limited wrt daily Gauge report of Cauvery . As per the report the inflow of the Cauvery river is 7260 cusecs as on 04.12.2021</li> <li>h) The DPR has been prepared and yet to be approved for connecting the missing links across the T Narasipura town to wet well .</li> <li>i) <b>Upgradation of existing Bannur STP to 3.8 MLD with SBT Technology work is completed.</b></li> </ul> |

Environmental Officer  
RO-2, Mysuru(Rural)

**Annexure-1**  
**XIII Status of Water Quality Assessment of polluted rivers in Annexure-1**

| Sl. No | Details of Water Quality Monitoring locations as per NWMP                                                                        | Month  | DO(mg/l) | BOD(mg/l) | Fecal Coliform (MPN/100 ml) | Total coliform (MPN/100 ml) |
|--------|----------------------------------------------------------------------------------------------------------------------------------|--------|----------|-----------|-----------------------------|-----------------------------|
| 1      | D/S of river Cauvery in Ranganathittu Bird sanctuary, SR Patna Taluk, Mandya District                                            |        |          |           |                             |                             |
| 2      | D/s of left bank of river Cauvery in Mandya Water Supply Intake Point near SR Patna Taluk, Mandya District                       |        |          |           |                             |                             |
| 3      | D/s of right bank of river Cauvery in Srirangapatna Water Supply Intake Point near Wellesly Bridge TMC SR Patna, Mandya District |        |          |           |                             |                             |
| 4      | D/S of river Cauvery in Mysore-Bangalore Road Bridge of TMC Srirangapatna, Mandya District                                       |        |          |           |                             |                             |
| 5      | D/S of river Cauvery Bannur TMC Water supply intake point near Mysore- Bannur Road bridge, T. Narasipura Taluk, Mysore District  | Feb-25 | 6.4      | 3.0       | 140                         | 1300                        |
| 6      | D/S of river Cauvery near Mullur Village, Kollegala Taluk, Chamarajanagar District                                               |        |          |           |                             |                             |
| 7      | D/S of Cauvery river near Dasanapura Village, Kollegala Taluk, Chamarajanagar District                                           |        |          |           |                             |                             |
| 8      | D/S of Cauvery river near Sathegala Bridge, Kollegala Taluk, Chamarajanagar District                                             |        |          |           |                             |                             |

\*\*As per the CPCB classification the river water sample false under **Class “C”** – Drinking Water Source with conventional treatment followed by disinfection.

**Environmental Officer**  
**RO-2, Mysuru (Rural)**

**National Mission for Clean Cauvery**

**Format for submission of Monthly Progress Report in the NGT Matter OA No. 673 of 2018 (in compliance to NGT order dated 24.09.2020) For the State of Karnataka**

|                               |                             |
|-------------------------------|-----------------------------|
| <b>Name of the River</b>      | <b>Kabini</b>               |
| <b>Polluted river stretch</b> | <b>Nanjangud to Hejjige</b> |
| <b>Priority</b>               | <b>IV</b>                   |
| <b>Status as on</b>           | <b>February 2025</b>        |

**Overall status of the State:**

|            | <b>Particulars</b>                                               | <b>CMC Nanjangud</b> |
|------------|------------------------------------------------------------------|----------------------|
| <b>I.</b>  | Total Population: Urban Population & Rural Population separately | <b>50137</b>         |
| <b>II.</b> | Estimated Sewage Generation (MLD):                               | <b>5.41</b>          |

**III. Details of Sewage Treatment Plant:**

| <b>Particulars</b>                                        | <b>CMC Nanjangud</b> |
|-----------------------------------------------------------|----------------------|
| Existing no. of STPs and Treatment Capacity (in MLD):     | <b>7</b>             |
| Capacity Utilization of existing STPs:                    | <b>2</b>             |
| MLD of sewage being treated through Alternate technology: | <b>Nil</b>           |
| Gap in Treatment Capacity in MLD:                         | <b>3.41</b>          |
| No. of Operational STPs:                                  | <b>1</b>             |
| No. of Complying STPs:                                    | <b>1</b>             |
| No. of Non-complying STPs:                                | <b>Nil</b>           |

**Details of each existing STP in the State**

| <b>Name of the Local Body</b> | <b>Location</b>                              | <b>Existing STP Capacity</b> | <b>Capacity Being Utilized</b> | <b>Operational Status of STP</b> | <b>Compliance Status of STP</b> |
|-------------------------------|----------------------------------------------|------------------------------|--------------------------------|----------------------------------|---------------------------------|
| CMC Nanjangud                 | Sy. No. 24/1, Golur Village, Nanjangud Taluk | 7 MLD                        | 2 MLD                          | Operational                      | Complied                        |

**Details of under construction STPs in the State**

| Name of the Local Body | Location                                     | Capacity of the plant in MLD | Physical Progress in % | Status of I&D or House sewer connections                                                                                                                                                                                                           | Completion Timeline |
|------------------------|----------------------------------------------|------------------------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| CMC Nanjangud          | Sy. No. 24/1, Golur Village, Nanjangud Taluk | Nil                          | Nil                    | 60% house hold connections is completed & remaining works is under progress. DPR for Rs. 36.86 Crores is approved for laying UGD network for new extensions & to upgrade the existing STP to SBT Technology. <b>Work is under completion stage</b> | 31-03-2021          |

**Details of proposed STPs in the State**

| Name of the Local Body | Location                                     | Capacity of the STP proposed in MLD | Status of Project (at DPR Stage/ Under Tendering/ Work to be Awarded)                                         | Likely Date of Completion |
|------------------------|----------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------|
| CMC Nanjangud          | Sy. No. 24/1, Golur Village, Nanjangud Taluk | Nil                                 | DPR is approved for Rs.36.86 crores for up gradation of SBT Technology. <b>Work is under completion stage</b> | 31.03.2021                |

**IV. Details of Industrial Pollution:**

| Particulars                                                                             |                                                                                            |
|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| No. of industries in the State:                                                         | 38                                                                                         |
| No. of water polluting industries in the State:                                         | 38                                                                                         |
| Quantity of effluent generated from the industries in MLD:                              | 9.03                                                                                       |
| Quantity of Hazardous Sludge generated from the Industries in TPD:                      | Nil                                                                                        |
| Number of industrial units having ETPs:                                                 | 38                                                                                         |
| Number of industrial units connected to CETP:                                           | Nil                                                                                        |
| Number and total capacity of ETPs (details of existing/ under construction / proposed)  | No. of ETP-38, Capacity-9.43<br>Under construction-0, Capacity-0<br>Proposed-0. Capacity-0 |
| Compliance status of the ETPs:                                                          | Complied                                                                                   |
| Number and total capacity of CETPs (details of existing/ under construction / proposed) | Nil                                                                                        |

**Status of compliance and operation of the CETPs**

| Town          | No. of industries | Industrial Discharge | Status of ETPs | Status of CETPs (existing, under construction & proposed) |
|---------------|-------------------|----------------------|----------------|-----------------------------------------------------------|
| CMC Nanjangud | NIL               | NIL                  | NIL            | NIL                                                       |

**V. Solid Waste Management:**

| Particulars                                                                                                                                                                                                                                                      | CMC Nanjangud                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Total number of Urban Local Bodies and their Population                                                                                                                                                                                                          | <b>50137</b>                                                                                                                                                                                                                                                                                                                     |
| Current Municipal Solid Waste Generation                                                                                                                                                                                                                         | <b>26 TPD</b>                                                                                                                                                                                                                                                                                                                    |
| Number, installed capacity and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing eg- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), biomethanation, MRF etc | Compost Plant around 6 TPD.                                                                                                                                                                                                                                                                                                      |
| Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%)                                                                                                                                             | Composting gap Existing-6 TPD, Gap-4.66 TPD<br>Sanitary landfill site Existing- Nil, Gap-6.24 TPD                                                                                                                                                                                                                                |
| No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction)                                                                                                                                                               | Nil                                                                                                                                                                                                                                                                                                                              |
| Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source                                                                                                                                           | 31 wards, all are with door to door collection and source segregation is practiced in 24 wards.                                                                                                                                                                                                                                  |
| Details of MSW treatment facilities proposed and under construction (no., capacity, and technology)                                                                                                                                                              | DPR for Rs. 5.16 Crores is approved to provide sanitary land fill site to dispose 6.24 TPD of rejects and around 9.1 TPD of Dry Waste is segregated and sold in the Market. Proposals for providing 10 TPD compost plant is to be prepared & got it approved. The work of construction of sanitary landfill site is in progress. |
| No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills                                                                                                                                                                                 | NIL                                                                                                                                                                                                                                                                                                                              |
| No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers                                                                                                                                                                             | NIL                                                                                                                                                                                                                                                                                                                              |
| No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers                                                                                                                  | 5 nos. of drains out of which 2 drains are connected to nearby wet well and 3 drains works are yet to be undertaken.                                                                                                                                                                                                             |



**Status of ULB wise Management of Solid Waste**

| Name of the ULB | Total MSW generation in TPD | Total MSW being processed in TPD | Existing MSW facilities | Utilization Capacity of the existing MSW facilities | Proposed MSW Facilities & Completion Timeline |
|-----------------|-----------------------------|----------------------------------|-------------------------|-----------------------------------------------------|-----------------------------------------------|
| CMC Nanjangud   | 26                          | 6                                | 1                       | 6                                                   | 31.03.2021.                                   |

**Bio-medical Waste Management:**

| Particulars                                  | CMC Nanjangud                |
|----------------------------------------------|------------------------------|
| Total Bio-medical generation:                | 0.217 Kg/day                 |
| No. of Hospitals and Health Care Facilities: | Bedded: 35<br>Non Bedded: 50 |
| Status of Treatment Facility/ CBMWTF:        | CBMWTF                       |

**VI. Hazardous Waste Management:**

| Particulars                                                     | CMC Nanjangud |
|-----------------------------------------------------------------|---------------|
| Total Hazardous Waste generation:                               | 22117 TPA     |
| No. of Industries generating Hazardous waste                    | 10            |
| Treatment Capacity of all TSDFs                                 | Nil           |
| Avg. Quantity of Hazardous waste reaching the TSDFs and Treated | 4888 TPA      |
| Details of on-going or proposed TSDF                            | Nil           |

**VII. Plastic Waste Management:**

| Particulars                                                               | CMC Nanjangud |
|---------------------------------------------------------------------------|---------------|
| Total Plastic Waste generation:                                           | 4 TPD         |
| Treatment/ Measures adopted for reduction or management of plastic waste: | Nil           |

| Particulars                                                                                                                               | CMC Nanjangud                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| VIII. Details of Alternate Treatment Technology being adopted by the State/UT                                                             | -                                               |
| IX. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment: | 06 drains identified and monitored periodically |

|       |                                                                                                                                                |                                                                                                                                                                                                                                               |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| X.    | Details of Nodal Officer appointed by Chief Secretary in the State/UT:                                                                         | -                                                                                                                                                                                                                                             |
| I.    | Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT:                                                         | -                                                                                                                                                                                                                                             |
| II.   | Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river; | <b>Status of water quality of polluted rivers in Annexure-1.</b>                                                                                                                                                                              |
| III.  | Ground water regulation:                                                                                                                       | As per the District Ground water Authority data submitted for the year 2020 in their Hand Book CMC Nanjangud comes under safer zone as per ground water resources assessment and there is no over exploitation of ground water in the region. |
| IV.   | Good irrigation practices being adopted by the State:                                                                                          | The Dept. of Agriculture has submitted action plan for implementation of following measures:<br>I. General Government Practice of Irrigation is maintained.<br>II. Farmers are made aware to use water optimally.                             |
| V.    | Rain Water Harvesting:                                                                                                                         | <b>Rain water harvesting is made mandatory for new constructions, CMC has taken up awareness programmes to educate the people about river flooding during Monsoon</b>                                                                         |
| VI.   | Demarcation of Floodplain and removal of illegal encroachments:                                                                                | Nil                                                                                                                                                                                                                                           |
| VII.  | Maintaining minimum e-flow of river:                                                                                                           | Flow data given by Chief Engineer CNNL Irrigation South Mysore, Cauvery Neeravari Nigama Limited wrt daily Gauge report of Kabini. As per the report the inflow of the Kabini river is 1707 cusecs as on 04.12.2021                           |
| VIII. | Plantation activities along the rivers:                                                                                                        | As of now there are no plantations on the banks of river Kabini in the polluted stretch since the area is confined to CMC limit                                                                                                               |
| IX.   | Development of biodiversity park:                                                                                                              | As of now, there are no Bio diversity parks in this stretch                                                                                                                                                                                   |
| X.    | Reuse of Treated Water:                                                                                                                        | --                                                                                                                                                                                                                                            |
| XI.   | Model River being adopted by the State & Action Proposed for achieving the bathing quality standards:                                          | --                                                                                                                                                                                                                                            |
| XII.  | Status of Preparation of Action Plan by the 13 Coastal States:                                                                                 | NA                                                                                                                                                                                                                                            |
| XIII. | Regulation of Mining Activities in the State/UT:                                                                                               | Nil                                                                                                                                                                                                                                           |
| XIV.  | Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring                                | Nil                                                                                                                                                                                                                                           |
| XV.   | Overall progress of the month:                                                                                                                 | a) With respect to treatment & disposal of sewage effluent the LB has taken steps to operate the                                                                                                                                              |

Please provide overall progress achieved in terms of all the above points compared to previous month.

- existing STPs & action plan for up gradation of the existing STPs is being prepared by KUWS&DB & the same is yet to be approved by the Government.
- b) With respect to Solid Waste Management by Municipalities, steps have been taken process the Solid Waste with the existing compost facilities and works followed by tendering for expanding the same along with sanitary land fill sites construction are under progress.
  - c) District level meeting on Polluted river stretches was held on 3-3-2021 under the Chairmanship of Minister C.P Yogeshwar. As per the directions of Minister Local Bodies were directed to use the available funds of the CMC to divert the Missing links of sewage to STP
  - d) Short term tender notification has been called by the KUWS&DB through E-procurement portal tender no: KUWSDB/2021-22/WS/WORK\_INDENT2943 on 06-04-2021 with respect to rejuvenation of UGD systems, construction/ upgradation of STPs, providing sewer networks and outfall sewer lines, construction of wetwells, providing rising mains and other related works along with operation and maintenance of STPs as per NGT directions
  - e) As per the proceedings of the meeting conducted on 24.09.2021 under the chairmanship of Hon`ble Subhash Adi Former Judge, High Court of Karnataka and Upa Lokayuktha, Government of Karnataka and Chairperson National Green Tribunal State Level Committee Karnataka Constituted by Hon`ble NGT in OA No 606/2018 , “Missing links sewage effluent discharged into storm water drain shall be diverted to nearby STPs /Wet wells by providing interception and diversion system by adopting low cost treatment facilities”, the same is communicated to ULB’s for further action.
  - f) Flow data given by Chief Engineer CNNL Irrigation South Mysore, Cauvery Neeravari Nigama Limited wrt daily Gauge report of Kabini. As per the report the inflow of the Kabini river is 1707 cusecs as on 04.12.2021
  - g) DPR approved by the Government for laying UGD network for new extensions & to upgrade the existing STP for Rs. 36.86 Crores.
  - h) The tender of Rs. 2731,13,999.00/- has been accepted from M/s Akhil Infra Projects Pvt Ltd, Ballari on 31-12-2021 for the work of “ Providing/Rejuvenation of UGD scheme to Nanjangud city as per NGT standards including O&M for 5 years
  - i) **STP Up gradation to SBT Technology Work is at completion stage and laying UGD network for new extensions work is under progress.**

Environmental Officer  
RO-2, Mysuru(Rural)

**Annexure-1**  
**XIII Status of Water Quality Assessment of polluted rivers in Annexure-1**

| Sl. No. | Particulars of sampling locations as per NWMP                   | Year    | DO(mg/l) | BOD(mg/l) | Fecal Coliform (MPN/100 ml) | Total coliform (MPN/100 ml) |
|---------|-----------------------------------------------------------------|---------|----------|-----------|-----------------------------|-----------------------------|
| 1       | D/s of Kabini at Nanjangud Water Supply Intake Point near Debur | Feb-25  | 6.80     | 1.80      | 120                         | 1100                        |
| 2       | D/S of Kabini from KIADB W/s Intake Point Kallahalli            | Feb -25 | 7.3      | 1.50      | 68                          | 700                         |
| 3       | D/s of Kabini near Bathing Ghat, Nanjangud                      | Feb -25 | 6.5      | 2.5       | 170                         | 1400                        |

\*\*As per the CPCB classification the river water sample false under **Class “C”** – Drinking Water Source with conventional treatment followed by disinfection

**Environmental Officer**  
**RO-2, Mysuru(Rural)**

## **National Mission for Clean Ganga**

### **Format for submission of Monthly Progress Report in the NGT Matter**

**OA No. 673 of 2018 (in compliance to NGT order dated 24.09.2020)**

#### **For the State of Karnataka**

**Name of the River : KAGINA RIVER**  
**Polluted river stretch : Shahabad to Hongunta -10KM**  
**Priority : IV**  
**Status as on : 05.03.2025**

#### **Overall status of the State:**

**I. Total Population: Urban Population & Rural Population separately : 47,582**

**II. Estimated Sewage Generation (MLD): 7.06MLD**

#### **III.Details of Sewage Treatment Plant:**

- Existing no. of STPs and Treatment Capacity (in MLD): **Nil**
- Capacity Utilization of existing STPs: **Nil**
- MLD of sewage being treated through Alternate technology: **Nil**
- Gap in Treatment Capacity in MLD: **7.06MLD**
- No. of Operational STPs: **Nil**
- No. of Complying STPs: **Nil**
- No. of Non-complying STPs: **Nil**

#### **Details of each existing STP in the State**

| No. | Location | Existing STP Capacity | Capacity Being Utilized | Operational Status of STP | Compliance Status of STP |
|-----|----------|-----------------------|-------------------------|---------------------------|--------------------------|
| -   | -        | -                     | -                       | -                         | -                        |

**Details of under construction STPs in the State**

| No. | Location | Capacity of the plant in MLD | Physical Progress in % | Status of I&D or House sewer connections | Completion Timeline |
|-----|----------|------------------------------|------------------------|------------------------------------------|---------------------|
| -   | -        | -                            | -                      | -                                        | -                   |

**Details of proposed STPs in the State**

| No. | Location | Capacity of the STP proposed in MLD | Status of Project (at DPR Stage/ Under Tendering/ Work to be Awarded) | Likely Date of Completion |
|-----|----------|-------------------------------------|-----------------------------------------------------------------------|---------------------------|
| 1   | Shahabad | 13.5                                | -                                                                     | -                         |

**IV. Details of Industrial Pollution:**

- No. of industries in the State: **Nil** (There are no industry located in the river stretch)
- No. of water polluting industries in the State: **Nil**
- Quantity of effluent generated from the industries in MLD: **Nil**
- Quantity of Hazardous Sludge generated from the Industries in TPD: **Nil**
- Number of industrial units having ETPs: **Nil**
- Number of industrial units connected to CETP: **Nil**
- Number and total capacity of ETPs (details of existing/ under construction / proposed): **Nil**
- Compliance status of the ETPs: **Nil**
- Number and total capacity of CETPs (details of existing/ under construction / proposed) : **Nil**
- Status of compliance and operation of the CETPs

| Town | No. of industries | Industrial discharge | Status of ETPs | Status of CETPs (existing, under construction & proposed) |
|------|-------------------|----------------------|----------------|-----------------------------------------------------------|
| -    | -                 | -                    | -              | -                                                         |

V. **Solid Waste Management:**

- Total number of Urban Local Bodies and their Population : **City Municipal Council Shahabad having population of 47,582**
- Current Municipal Solid Waste Generation: **17.44MT/day, Dry waste – 11MT/day and Wet waste – 5.44MT/day.**
- Number, installed capacity and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing eg- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), biomethanation, MRF etc: **Dry waste from the CMC Shahabad is sent to Cement industry for co-processing in cement kiln and Wet waste is converted into composted by local body in the designated/authorised solid waste processing site.**
- Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%): **Nil**
- No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction): **Proposed**
- Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source : **27**
- Details of MSW treatment facilities proposed and under construction (no., capacity, and technology) : **Dry waste from the CMC Shahabad is sent to Cement industry for co-processing in cement kiln.**
- No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills.: **Nil**
- No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers : **Nil**
- No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers : **1**

**Status of ULB wise Management of Solid Waste**

| ULB | Total MSW generation in TPD | Total MSW being processed in TPD | Existing MSW facilities | Utilization Capacity of the existing MSW facilities | Proposed MSW Facilities & Completion Timeline |
|-----|-----------------------------|----------------------------------|-------------------------|-----------------------------------------------------|-----------------------------------------------|
| 1   | <b>17.44MT/day</b>          | <b>17.44MT/day</b>               | 1                       | <b>17.44MT/day</b>                                  | -                                             |

**VI. Bio-medical Waste Management:**

- Total Bio-medical generation: **12 Kg/day**
- No. of Hospitals and Health Care Facilities: **4 Bedded HCFs and 20 Non Bedded HCFs**
- Status of Treatment Facility/ CBMWTF: **The CBWTFs has provided online continuous monitoring system to incinerator for monitoring of emission. CBWTF has already upgraded their incinerator to meet revised emissions standards as per MOEF Notification 2016.**

**VII. Hazardous Waste Management:**

- Total Hazardous Waste generation: **Nil**
- No. of Industries generating Hazardous waste: **Nil**
- Treatment Capacity of all TSDFs: **Nil**
- Avg. Quantity of Hazardous waste reaching the TSDFs and Treated: **Nil**
- Details of on-going or proposed TSDF: **Nil**

**VIII. Plastic Waste Management:**

- Total Plastic Waste generation: **2TPD**

Treatment/ Measures adopted for reduction or management of plastic waste:  
**Segregated Plastic waste from the CMC Shahabad is sent to Cement industry for**



**co-processing in cement kiln. Draft Policy and Plan for plastic waste management has been prepared by the ULBD and accordingly plastic waste shall be collected from un-organized sectors and from house hold/commercial sectors. Plastic raids (Sales & Shops) were conducted from time to time by Local Body.**

- IX. Details of Alternate Treatment Technology being adopted by the State/UT : **Nil**
- X. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment: **Identified**
- XI. Details of Nodal Officer appointed by Chief Secretary in the State/UT: ---
- XII. Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT: ----
- XIII. Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river.
- XIV. Ground water regulation: ---
- XV. Good irrigation practices being adopted by the State: ---
- XVI. Rain Water Harvesting: ----
- XVII. Demarcation of Floodplain and removal of illegal encroachments: ----
- XVIII. Maintaining minimum e-flow of river: ----
- XIX. Plantation activities along the rivers: ---
- XX. Development of biodiversity park: ---
- XXI. Reuse of Treated Water: ---
- XXII. Model River being adopted by the State & Action Proposed for achieving the bathing quality standards: ---
- XXIII. Status of Preparation of Action Plan by the 13 Coastal States: **NA**
- XXIV. Regulation of Mining Activities in the State/UT: ---
- XXV. Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring: **Nil**

XXVI. Overall progress of the month: ---

Please provide overall progress achieved in terms of all the above points compared to previous month.

## National Mission for Clean Ganga

### Format for submission of Monthly Progress Report in the NGT Matter OA

**No. 673 of 2018 (in compliance to NGT order dated 24.09.2020)**

#### For the State of Karnataka

**Name of the River** : Krishna  
**Polluted river stretch** : Yadurwadi to Tintinibridge (200 km)  
**Priority** : IV  
**Status as on** : February -2025

#### Overall status of the State:

I. Total Population: Urban Population & Rural Population separately: **Enclosed as Annexure-1**

II. Estimated Sewage Generation (MLD):**Enclosed as Annexure-1**

#### III. Details of Sewage Treatment Plant:

- Existing no. of STPs and Treatment Capacity (in MLD):**01 and 2x1.25 MLD**
- Capacity Utilization of existing STPs:**1.4 MLD**
- MLD of sewage being treated through Alternate technology: **Treated sewage is being reused in the process & Extended Aeration System**
- Gap in Treatment Capacity in MLD:**Nil**
- No. of Operational STPs:**01**
- No. of Complying STPs:**01(Partially Complied)**
- No. of Non-complying STPs:**Nil**

#### Details of each existing STP in the State

| No. | Location                        | Existing STP Capacity | Capacity Being Utilized | Operational Status of STP | Compliance Status of STP |
|-----|---------------------------------|-----------------------|-------------------------|---------------------------|--------------------------|
| 1   | Hutti Notified Area, Lingasugur | 2x1.25 MLD            | 1.4 MLD                 | 01                        | -                        |

**Details of under construction STPs in the State**

| No. | Location | Capacity of the plant in MLD | Physical Progress in % | Status of I&D or House sewer connections | Completion Timeline |
|-----|----------|------------------------------|------------------------|------------------------------------------|---------------------|
| 1   | Nil      | Nil                          | Nil                    | Nil                                      | Nil                 |

**Details of proposed STPs in the State**

| No. | Location                                            | Capacity of the STP proposed in MLD | Status of Project (at DPR Stage/ Under Tendering/ Work to be Awarded)                                                                               | Likely Date of Completion |
|-----|-----------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| 1   | Town Municipal Council, Lingsugur-Tq, Raichur-Dist. | 6.82                                | Submitted to Govt. by MD, KUWS&DB, Bangalore for administrative approval vide letter no 897/2019-20, dated 04/10/2019, Awaiting approval from Govt. | -                         |
| 2   | Town Municipal Council, Deodurga, RaichurDist       | 5                                   | Submitted to Govt. by MD, KUWS&DB, Bangalore for administrative approval vide letter no 49/2020-21, dated 08/04/2020, Awaiting approval from Govt.  | -                         |

**IV. Details of Industrial Pollution:**

- No. of industries in the State:
- No. of water polluting industries in the State:**01 (M/s Hutti Gold Mines Co., Ltd, Hutti Village, Lingasugur-Tq, Dist- Raichur.**
- Quantity of effluent generated from the industries in MLD:**0.0455 MLD**
- Quantity of Hazardous Sludge generated from the Industries in TPD:**Nil**
- Number of industrial units having ETPs:**M/s Hutti Gold Mines Co. Has installed CSTP of capacity 2.5 MLD.**
- Number of industrial units connected to CETP:**There are no CETP's**
- Number and total capacity of ETPs (details of existing/ under construction / proposed) :**01 M/s Hutti Gold Mines Co. Has installed CSTP of capacity 2.5 MLD (Existing)**

- Compliance status of the ETPs:**Complied**
- Number and total capacity of CETPs (details of existing/ under construction / proposed) :**Nil**
- Status of compliance and operation of the CETPs :**Nil**

| Town       | No. of industries                                                          | Industrial discharge | Status of ETPs                                               | Status of CETPs (existing, under construction & proposed) |
|------------|----------------------------------------------------------------------------|----------------------|--------------------------------------------------------------|-----------------------------------------------------------|
| Lingasugur | M/s Hutti Gold Mines Co., Ltd, Hutti Village, Lingasugur-Tq, Dist-Raichur. | 0.46 MLD             | 2x1.25 MLD capacity Common Treatment Plant (Effluent/Sewage) | Existing                                                  |

#### V. **Solid Waste Management:**

- Total number of Urban Local Bodies and their Population :**Enclosed as Annexure- II**
- Current Municipal Solid Waste Generation: **Enclosed as Annexure- II**
- Number, installed capacity and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing eg- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), bimethanation, MRF etc: **Enclosed as Annexure- II**
- Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%) :**Nil**
- No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction): **Nil**
- Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source :**60 No. of Wards**

- Details of MSW treatment facilities proposed and under construction (no., capacity, and technology) :----
- No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills:--
- No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers: --
- No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers: ---

**Status of ULB wise Management of Solid Waste**

| ULB                                              | Total MSW generation in TPD | Total MSW being processed in TPD | Existing MSW facilities                                                                                                                 | Utilization Capacity of the existing MSW facilities | Proposed MSW Facilities & Completion Timeline                                                                                                                                  |
|--------------------------------------------------|-----------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TMC- Deodurga, DeodurgaTq, Raichur Dist.         | 6 T                         | 0                                | MSW Site Existing                                                                                                                       | ---                                                 | Directions were given to all the concerned Local Bodies to take immediate action to comply with SWM Rules, 2016 from time to time.<br><br>Target date to comply is 31.12.2020. |
| TMC Lingasugur, LingasugurTq, Raichur Dist.      | 14.4 T                      | 0                                | MSW Site Existing                                                                                                                       | ---                                                 |                                                                                                                                                                                |
| HuttiTP, LingasugurTq, Raichur Dist.             | 6 T                         | 0                                | MSW Site Existing                                                                                                                       | ---                                                 |                                                                                                                                                                                |
| Hutti Notified Area, LingasugurTq, Raichur Dist. | 8 T                         | 0                                | MSW siteexisting. Further, in Hutti Gold Mines, the wet waste is being digested and bio gas is being produced and utilized for canteen. | ---                                                 |                                                                                                                                                                                |

**VI. Bio-medical Waste Management:**

- Total Bio-medical generation:133.5 Kg/day
- No. of Hospitals and Health Care Facilities:Devadurga Tq-59 HCE's ,Lingasugur Tq- 106HCE's, Hutti TP- 04 Nos &

#### **Hutti Notified Area- 01.**

- Status of Treatment Facility/ CBMWTF: **Above BMW waste is treated in RIMACT facility, Raichur.**

#### **VII. Hazardous Waste Management:**

- Total Hazardous Waste generation:
  1. **Cyanide Tailing- 6,38,540 Tons & stowing sand of 79,152 Tons, (Total 5,59,388 Tons of Cyanide treated ore waste impound in tailing dump).**
  2. **Used Oil- 74 liters**
  3. **Discarded Containers-7112 nos.**  
(As per Annual Report From-IV submitted for the year 2019-20).
- No. of Industries generating Hazardous waste: **01**
- Treatment Capacity of all TSDFs :**Nil**
- Avg. Quantity of Hazardous waste reaching the TSDFs and Treated :**Nil**
- Details of on-going or proposed TSDF: **Nil**

#### **VIII. Plastic Waste Management:**

- Total Plastic Waste generation:
  1. **TMC Devadurga-2TPA (0.005 TPD)**
  2. **TMC Lingasugur- 6.1Ton/A (0.016,TPD)**
  3. **HuttiTP - 0.5TP/A ( 0.001,TPD)**
  4. **Hutti Notified Area -0.38 TP/A (0.001 TPD)**
- Treatment/ Measures adopted for reduction or management of plastic waste: ---

IX. Details of Alternate Treatment Technology being adopted by the State/UT : ----

X. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment:**Enclosed as Annexure-III**

XI. Details of Nodal Officer appointed by Chief Secretary in the State/UT: ----

XII. Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT: ----

XIII. Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river: **Enclosed as Annexure-IV**

- XIV. Ground water regulation: ----
- XV. Good irrigation practices being adopted by the State: -----
- XVI. Rain Water Harvesting: -----
- XVII. Demarcation of Floodplain and removal of illegal encroachments: ----
- XVIII. Maintaining minimum e-flow of river: -----
- XIX. Plantation activities along the rivers: -----
- XX. Development of biodiversity park: -----
- XXI. Reuse of Treated Water: -----
- XXII. Model River being adopted by the State & Action Proposed for achieving the bathing quality standards: -----
- XXIII. Status of Preparation of Action Plan by the 13 Coastal States: -----
- XXIV. Regulation of Mining Activities in the State/UT: -----
- XXV. Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring : ----
- XXVI. Overall progress of the month: -----

Please provide overall progress achieved in terms of all the above points compared to previous month.



Annexure-1

| <b>Sl.No</b> | <b>Local Body</b>   | <b>Population-2011</b> | <b>Quantity of sewage generation in MLD</b> | <b>STP provided not provided</b>                                |
|--------------|---------------------|------------------------|---------------------------------------------|-----------------------------------------------------------------|
| 1            | TMC-Devadurga       | 28929                  | 2.25                                        | Not provided                                                    |
| 2            | TMC Lingasugur      | 15224                  | 1.6                                         | Not provided                                                    |
| 3            | Hutti TP            | 16525                  | 1.6                                         | Not provided                                                    |
| 4            | Hutti Notified Area | 13535                  | 1.4                                         | Being treated in 2x1.25 MLD<br>STP provided at Hatti Gold Mines |

### Annexure-II

| Sl. No | Name of Local Body                               | Population (census2011) | Total Solid Waste Generation | Proposed Achievable target                                                                                                                                                     | Present Status                                                                                                                          |
|--------|--------------------------------------------------|-------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 1      | TMC- Deodurga, DeodurgaTq, Raichur Dist.         | 28929                   | 6 T                          | Directions were given to all the concerned Local Bodies to take immediate action to comply with SWM Rules, 2016 from time to time.<br><br>Target date to comply is 31.12.2020. | MSW Site Existing                                                                                                                       |
| 2      | TMC Lingasugur, LingasugurTq, Raichur Dist.      | 34932                   | 14.4 T                       |                                                                                                                                                                                | MSW Site Existing                                                                                                                       |
| 3      | Hutti TP, LingasugurTq, Raichur Dist.            | 16278                   | 6 T                          |                                                                                                                                                                                | MSW Site Existing                                                                                                                       |
| 4      | Hutti Notified Area, LingasugurTq, Raichur Dist. | 13536                   | 8 T                          |                                                                                                                                                                                | MSW siteexisting. Further, in Hutti Gold Mines, the wet waste is being digested and bio gas is being produced and utilized for canteen. |

**Annexure-III**  
**Sources including Nala/Drains joining to River – Krishna and its Water Quality**

| Sl No | Location       | pH   | BOD | COD | TSS |
|-------|----------------|------|-----|-----|-----|
| 1     | Sunakal Nala   | 7.7  | 2.2 | 26  | 20  |
| 2     | Halabhavi Nala | 8.00 | 2.2 | 22  | 8   |
| 3     | Jaladurga Nala | 8.25 | 2   | 25  | 8   |
| 4     | Gonavatla Nala | 8.20 | 3   | 24  | 21  |
| 5     | Guntagola Nala | 8.05 | 3   | 28  | 20  |
| 6     | Ramroti Nala   | 8.00 | 3   | 25  | 16  |
| 7     | Raidurga Nala  | 8.35 | 3   | 33  | 18  |
|       |                |      |     |     |     |

**Status of Water Quality of River – Krishna @ Tintani Bridge**

| Year    | DO (mg/L) |      | BOD(mg/L) |     | Faecal Coliform (MPN/100ml) |      | Total Coliform (MPN/100ml) |       | Class |
|---------|-----------|------|-----------|-----|-----------------------------|------|----------------------------|-------|-------|
|         | Min       | Max  | Min       | Max | Min                         | Max  | Min                        | Max   |       |
| 2017-18 | 6.6       | 7.6  | 2         | 2.5 | 110                         | 350  | 920                        | 1600  | C     |
| 2018-19 | 7         | 7.6  | 2         | 3   | 110                         | 1000 | 500                        | 3200  | C     |
| 2019-20 | 6.6       | 7.6  | 2         | 2.5 | 110                         | 350  | 920                        | 1600  | C     |
| 2020-21 | 7         | 7.8  | 2         | 2.5 | 94                          | 450  | 540                        | 2200  | C     |
| 2021-22 | 7         | 7.6  | 2         | 3   | 140                         | 490  | 920                        | 2800  | C     |
| 2022-23 | 6.8       | 8.15 | 2         | 6   | 94                          | 4600 | 70                         | 35000 | C     |



**Annexure-IV**

**Status of Ground Water Quality in the villages located on the polluted stretch of River – Krishna**

| Sl. No. | Grama panchayath    | Village/habitation | Type of source (bw/surface well/filter) | Ph value(013) | Turbidity(001) | Total dissolved solids (TDS) (015) | Total Alkalinity | Nitrate(006) | Fluoride(003) | Chloride(005) | Total alkalinity(018) | Total hardness(016) | Sulphate(007) | Calcium | Magnesium |
|---------|---------------------|--------------------|-----------------------------------------|---------------|----------------|------------------------------------|------------------|--------------|---------------|---------------|-----------------------|---------------------|---------------|---------|-----------|
|         |                     |                    |                                         |               | (NTU)          |                                    |                  | As no3       | As(f)         | (as cl)       | Ascaco3               | As caco3            | (as so4)      | As Ca   | As Mg     |
|         |                     |                    |                                         | 6.5-8.5       | (1-5)          | (mg/l)                             | (mg/l)           | (mg/l)       | (mg/l)        | (mg/l)        | (mg/l)                | (mg/l)              | (mg/l)        | (mg/l)  | (mg/l)    |
|         |                     |                    |                                         |               |                | 500-2000                           | 200-600          | 45-n.r.      | 1.0-1.5       | 250-1000      | 200-600               | 200-600             | 200-400       | 75-200  | 30-100    |
| 1       | Hutti Notified Area | Hutti              | bw                                      | 8.10          | 8              | 610                                | 224              | 0.96         | 1.28          | 114           | 224                   | 216                 | 160           | 53      | 20        |

**National Mission for Clean Cauvery**

**Format for submission of Monthly Progress Report in the NGT Matter OA No. 673 of 2018 (in compliance to NGT order dated 24.09.2020) For the State of Karnataka**

|                               |                                |
|-------------------------------|--------------------------------|
| <b>Name of the River</b>      | <b>River Lakshmantheertha</b>  |
| <b>Polluted river stretch</b> | <b>Hunsur to Kattemalavadi</b> |
| <b>Priority</b>               | <b>III</b>                     |
| <b>Status as on</b>           | <b>February 2025</b>           |

**Overall status of the State:**

|            | <b>Particulars</b>                                               | <b>CMC Hunsur</b> |
|------------|------------------------------------------------------------------|-------------------|
| <b>I.</b>  | Total Population: Urban Population & Rural Population separately | <b>50850</b>      |
| <b>II.</b> | Estimated Sewage Generation (MLD):                               | <b>5.5 MLD</b>    |

**III. Details of Sewage Treatment Plant:**

|  | <b>Particulars</b>                                        | <b>CMC Hunsur</b> |
|--|-----------------------------------------------------------|-------------------|
|  | Existing no. of STPs and Treatment Capacity (in MLD):     | <b>3.91 MLD</b>   |
|  | Capacity Utilization of existing STPs:                    | <b>3.91 MLD</b>   |
|  | MLD of sewage being treated through Alternate technology: | <b>0</b>          |
|  | Gap in Treatment Capacity in MLD:                         | <b>1.59 MLD</b>   |
|  | No. of Operational STPs:                                  | <b>1</b>          |
|  | No. of Complying STPs:                                    | <b>0</b>          |
|  | No. of Non-complying STPs:                                | <b>1</b>          |

**Details of each existing STP in the State**

| <b>Name of the Local Body</b> | <b>Location</b>                  | <b>Existing STP Capacity</b> | <b>Capacity Being Utilized</b> | <b>Operational Status of STP</b> | <b>Compliance Status of STP</b> |
|-------------------------------|----------------------------------|------------------------------|--------------------------------|----------------------------------|---------------------------------|
| <b>CMC Hunsur</b>             | Kalukunike Village, Hunsur Taluk | 3.91 MLD                     | 3.91 MLD                       | Operational                      | Not Complied                    |

**Details of under construction STPs in the State**

| Name of the Local Body | Location                         | Capacity of the plant in MLD | Physical Progress in % | Status of I&D or House sewer connections                                                                                                                                                                      | Completion Timeline |
|------------------------|----------------------------------|------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| CMC Hunsur             | Kalukunike Village, Hunsur Taluk | Nil                          | Nil                    | 50% house hold connections is completed & remaining works is under progress<br>DPR for Rs. 80.0 Crores is prepared for laying UGD network for new extensions & to upgrade the existing STP to SBR Technology. | 31-03-2021          |

**Details of proposed STPs in the State**

| Name of the Local Body | Location                         | Capacity of the STP proposed in MLD               | Status of Project (at DPR Stage/ Under Tendering/ Work to be Awarded)                                                                                                                                                                                                                                                                                                                 | Likely Date of Completion |
|------------------------|----------------------------------|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| CMC Hunsur             | Kalukunike Village, Hunsur Taluk | Up gradation of existing 3.91 MLD + 4.09 MLD. STP | Revised DPR is prepared by KUWS&DB, Mysuru Division for Rs. 26.80 Crores to divert the sewage discharged in to river through storm water drain by providing additional 2 Nos. of wetwell for 2 drains. Upgradation of existing UGD networks. Upgradation of existing STP 3.91 MLD to 8.0 MLD with SBR Technology. <b>DPR is approved and upgradation work is at completion stage.</b> | March - 2021              |

**IV. Details of Industrial Pollution:**

| Particulars                                                                             | CMC Hunsur                                                                                 |
|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| No. of industries in the State:                                                         | <b>7 Nos.</b>                                                                              |
| No. of water polluting industries in the State:                                         | <b>4</b>                                                                                   |
| Quantity of effluent generated from the industries in MLD:                              | <b>0.019 MLD</b>                                                                           |
| Quantity of Hazardous Sludge generated from the Industries in TPD:                      | <b>0.007572 TPD</b>                                                                        |
| Number of industrial units having ETPs:                                                 | <b>4Nos</b>                                                                                |
| Number of industrial units connected to CETP:                                           | <b>0</b>                                                                                   |
| Number and total capacity of ETPs (details of existing/ under construction / proposed)  | No. of ETP-4, Capacity-0.019<br>Under construction-0, Capacity-0<br>Proposed-0. Capacity-0 |
| Compliance status of the ETPs:                                                          | Complied                                                                                   |
| Number and total capacity of CETPs (details of existing/ under construction / proposed) | 0                                                                                          |

**Status of compliance and operation of the CETPs**

| Town       | No. of industries | Industrial Discharge | Status of ETPs | Status of CETPs (existing, under construction & proposed) |
|------------|-------------------|----------------------|----------------|-----------------------------------------------------------|
| CMC Hunsur | Not Applicable    |                      |                |                                                           |



**V. Solid Waste Management:**

| <b>Particulars</b>                                                                                                                                                                                                                                               | <b>CMC Hunsur</b>                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Total number of Urban Local Bodies and their Population                                                                                                                                                                                                          | <b>50850</b>                                                                                                                                                                                   |
| Current Municipal Solid Waste Generation                                                                                                                                                                                                                         | <b>23 TPD</b>                                                                                                                                                                                  |
| Number, installed capacity and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing eg- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), biomethanation, MRF etc | <ul style="list-style-type: none"> <li>• Composting Existing – 9.43 Gap – Nil</li> <li>• Sanitary landfill Existing–Nil Gap – 5.52</li> </ul>                                                  |
| Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%)                                                                                                                                             | DPR for Rs. 1.76 Crores is approved to provide compost plant & sanitary land fill site & the same is to be undertaken. At present the solid waste is dumped in the site without any treatment. |
| No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction)                                                                                                                                                               | 0                                                                                                                                                                                              |
| Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source                                                                                                                                           | <ul style="list-style-type: none"> <li>• Door to door collection 31/31 Wards.</li> </ul>                                                                                                       |
| Details of MSW treatment facilities proposed and under construction (no., capacity, and technology)                                                                                                                                                              | Segregationpractice-20 Wards                                                                                                                                                                   |
| No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills                                                                                                                                                                                 | Nil                                                                                                                                                                                            |
| No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers                                                                                                                                                                             | NIL                                                                                                                                                                                            |
| No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers                                                                                                                  | Nos. of drains 2<br>Nos. of drains having floating racks / screen – Nil                                                                                                                        |

**Status of ULB wise Management of Solid Waste**

| <b>Name of the ULB</b> | <b>Total MSW generation in TPD</b> | <b>Total MSW being processed in TPD</b> | <b>Existing MSW facilities</b> | <b>Utilization Capacity of the existing MSW facilities</b> | <b>Proposed MSW Facilities &amp; Completion Timeline</b>                                                                 |
|------------------------|------------------------------------|-----------------------------------------|--------------------------------|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>CMC Hunsur</b>      | 23                                 | 10                                      | 1                              | 10                                                         | DPR for Rs. 1.76 Crores is approved for processing of entire MSW & currently work is assigned to contractor is going on. |

**VI. Bio-medical Waste Management:**

| Particulars                                  | CMC Hunsur                   |
|----------------------------------------------|------------------------------|
| Total Bio-medical generation:                | 0.1597 Kg/day                |
| No. of Hospitals and Health Care Facilities: | Bedded: 18<br>Non Bedded: 50 |
| Status of Treatment Facility/ CBMWTF:        | CBMWTF                       |

**VII. Hazardous Waste Management:**

| Particulars                                                     | CMC Hunsur          |
|-----------------------------------------------------------------|---------------------|
| Total Hazardous Waste generation:                               | <b>0.007575 TPA</b> |
| No. of Industries generating Hazardous waste                    | <b>3Nos</b>         |
| Treatment Capacity of all TSDFs                                 | <b>NA</b>           |
| Avg. Quantity of Hazardous waste reaching the TSDFs and Treated | <b>NA</b>           |
| Details of on-going or proposed TSDF                            | <b>NA</b>           |

**VIII. Plastic Waste Management:**

| Particulars                                                               | CMC Hunsur      |
|---------------------------------------------------------------------------|-----------------|
| Total Plastic Waste generation:                                           | <b>0.45 TPD</b> |
| Treatment/ Measures adopted for reduction or management of plastic waste: | <b>Nil</b>      |

| Particulars                                                                                                                              | CMC Hunsur                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| IX. Details of Alternate Treatment Technology being adopted by the State/UT                                                              | -                                                                     |
| X. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment: | 2 drain is identified & monitored & the drain is yet to be connected. |
| XI. Details of Nodal Officer appointed by Chief Secretary in the State/UT:                                                               | --                                                                    |
| I. Details of meetings carried under the Chairmanship Chief of Secretary in the                                                          | --                                                                    |

|                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| State/UT:                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| II. Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river; | <b>Status of water quality of polluted rivers in Annexure-1.</b>                                                                                                                                                                                                                                                                                                                                                                                               |
| III. Ground water regulation:                                                                                                                      | As per the District Ground water Authority data submitted for the year 2020 in their Hand Book CMC Hunsur comes under safer zone as per ground water resources assessment and there is no over exploitation of ground water in the region.                                                                                                                                                                                                                     |
| IV. Good irrigation practices being adopted by the State:                                                                                          | ---                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| V. Rain Water Harvesting:                                                                                                                          | <b>Rain water harvesting is made mandatory for new constructions, CMC has taken up awareness programmes to educate the people about river flooding during Monsoon</b>                                                                                                                                                                                                                                                                                          |
| VI. Demarcation of Floodplain and removal of illegal encroachments:                                                                                | During the month of September Paper advertisements were issued to the residents located on the banks on the river Lakshmanatheertha about flooding by CMC and early warning arrangement in consultation with revenue department from Cauvery Neeravari Nigam Ltd is carried out                                                                                                                                                                                |
| VII. Maintaining minimum e-flow of river:                                                                                                          | Flow data of Hydrological observation Sites is available in Central water commission Website and further implementation from irrigation department will be initiated                                                                                                                                                                                                                                                                                           |
| VIII. Plantation activities along the rivers:                                                                                                      | As of now there are no plantations on the banks of river Lakshmantheertha in the polluted stretch since the area is confined to CMC limit                                                                                                                                                                                                                                                                                                                      |
| IX. Development of biodiversity park:                                                                                                              | As of now, there are no Bio diversity parks in this stretch                                                                                                                                                                                                                                                                                                                                                                                                    |
| X. Reuse of Treated Water:                                                                                                                         | --                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| XI. Model River being adopted by the State & Action Proposed for achieving the bathing quality standards:                                          | --                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| XII. Status of Preparation of Action Plan by the 13 Coastal States:                                                                                | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| XIII. Regulation of Mining Activities in the State/UT:                                                                                             | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| XIV. Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring                               | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| XV. Overall progress of the month:<br>Please provide overall progress achieved in terms of all the above points compared to previous month.        | <p>a) With respect to treatment &amp; disposal of sewage effluent the LB's have taken steps to operate the existing STPs &amp; action plan for up gradation of the existing STPs is being prepared by KUWS&amp;DB &amp; the same is approved by the Government.</p> <p>b) With respect to Solid Waste Management by Municipalities, steps have been taken process the Solid Waste with the existing compost facilities and works followed by tendering for</p> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>expanding the same along with sanitary land fill sites construction are under progress.</p> <p>c) District level meeting on Polluted river stretches was held on 3-3-2021 under the Chairmanship of Minister C.P Yogeshwar. As per the directions of Minister Local Bodies were directed to use the available funds of the CMC to divert the Missing links of sewage to STP</p> <p>d) As per the proceedings of the meeting conducted on 24.09.2021 under the chairmanship of Hon`ble Subhash Adi Former Judge, High Court of Karnataka and Upa Lokayuktha, Government of Karnataka and Chairperson National Green Tribunal State Level Committee Karnataka Constituted by Hon`ble NGT in OA No 606/2018 , “the missing links sewage effluent discharged into storm water drain shall be diverted to nearby STPs /Wet wells by providing interception and diversion system by adopting low cost treatment facilities” the same is communicated to ULB`s for further action.</p> <p>e) DPR approved by the Government to divert the sewage discharge into river through storm water drain by providing additional 2 Nos. of wetwell for 2 drains, Upgradation of existing STP 3.91 MLD to 8 MLD with SBR technology and UGD networks for Rs. 26.8 Crores.</p> <p>f) Short term tender notification has been called by the KUWS&amp;DB through E-procurement portal tender no: KUWSDB/2021-22/WS/WORK_INDENT2943 on 06-04-2021 with respect to rejuvenation of UGD systems, construction/ upgradation of STPs, providing sewer networks and outfall sewer lines, construction of wetwells, providing rising mains and other related works along with operation and maintenance of STPs as per NGT directions. Qualified tender agencies proposal has to be placed for technical evaluation committee for approval.</p> <p>g) The tender of Rs. 20,12,49,000/- has been assigned to M/s Akhil Infra Projects Pvt Ltd, Ballari on 31-12-2021 for the work of “ Providing/Rejuvenation of UGD scheme to Hunsur city as per NGT standards including O&amp;M for 5 years.</p> <p><b>h) Upgradation of existing STP 3.91 MLD to 8 MLD with SBR technology is at completion stage and UGD networks work is under progress.</b></p> |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Environmental Officer  
RO-2, Mysuru (Rural)**

**Annexure-1**

**XIII Status of Water Quality Assessment of polluted rivers in Annexure-1**

| <b>Sl. No.</b> | <b>Location</b>                                                                       | <b>Year</b>   | <b>DO(mg/l)</b>      | <b>BOD(mg/l)</b> | <b>Fecal Coliform (MPN/100 ml)</b> | <b>Total coliform (MPN/100 ml)</b> |
|----------------|---------------------------------------------------------------------------------------|---------------|----------------------|------------------|------------------------------------|------------------------------------|
| 1              | D/S of Lakshmantheertha in New road bridge of Bengaluru-Bhantwala Road at Hunsur town | <b>Feb-25</b> | <b>No Water Flow</b> |                  |                                    |                                    |
| 2              | D/S of Lakshmantheertha at water barrage near Kattemalalavadi Village                 | <b>Feb-25</b> |                      |                  |                                    |                                    |

**\*\*As per the CPCB classification the river water sample false under Class " C "- Drinking Water Source with conventional treatment followed by disinfection.**

**Environmental Officer  
RO-2, Mysuru(Rural)**

National Mission for Clean Ganga  
Format for submission of Monthly Progress Report in the NGT Matter OA No.  
673 of 2018 (in compliance to NGT order dated 24.09.2020)

For the State of Karnataka (Netravathi)

|                                                               |                                                                   |                                                                                                                                                                                                       |
|---------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Overall status of the State: KARNATAKA (Dakshina Kannada)     |                                                                   |                                                                                                                                                                                                       |
| Name of The River                                             |                                                                   | Netravathi                                                                                                                                                                                            |
| Polluted River Stretch                                        |                                                                   | Netravathi                                                                                                                                                                                            |
| Priority                                                      |                                                                   | Priority - V                                                                                                                                                                                          |
| Status as on                                                  |                                                                   | February- <b>-2025</b>                                                                                                                                                                                |
| Overall status of the State:                                  |                                                                   |                                                                                                                                                                                                       |
| I                                                             | Total Population : Urban Population & Rural Population Separately | 55,073 (As per 2011 census)<br><i>(The Population is considered within the polluted river stretch of length 50KM)</i>                                                                                 |
|                                                               | Urban Population                                                  | 47,901                                                                                                                                                                                                |
|                                                               | Rural Population                                                  | 7,172                                                                                                                                                                                                 |
| II                                                            | Estimated Sewage Generation (MLD):                                | 5.95 MLD                                                                                                                                                                                              |
| III Details of Sewage Treatment Plant                         |                                                                   |                                                                                                                                                                                                       |
| Existing no. of STPs and Treatment Capacity (in MLD)          |                                                                   | There is no Existing STPs in jurisdiction of Bantwala and one STP of 6 KLD in Belthangady TMC.<br><br>The Bantwala TMC has taken up construction work of providing UGD and the work is under progress |
| Capacity Utilization of existing STPs                         |                                                                   | NA                                                                                                                                                                                                    |
| MLD of sewage being treated through Alternate technology      |                                                                   | NA                                                                                                                                                                                                    |
| Gap in Treatment Capacity in MLD:<br>No. of Operational STPs: |                                                                   | Since there are no STPS, there is a need to establish STP of adequate capacity to treat the total quantity of sewage (i.e 5.95 MLD) generated from these local bodies.                                |
| No. of Complying STPs:                                        |                                                                   | NA                                                                                                                                                                                                    |
| No. of Non-complying STPs:                                    |                                                                   | NA                                                                                                                                                                                                    |

Details of each existing STP in the State

| No.            | Location | Existing STP Capacity | Capacity Being Utilized | Operational Status of STP | Compliance Status of STP |
|----------------|----------|-----------------------|-------------------------|---------------------------|--------------------------|
| Not Applicable |          |                       |                         |                           |                          |

Details of under construction STPs in the State

| No. | Location | Capacity of the plant in MLD | Physical Progress in % | Status of I&D or House sewer connections | Completion Timeline |
|-----|----------|------------------------------|------------------------|------------------------------------------|---------------------|
| NIL |          |                              |                        |                                          |                     |

Details of proposed STPs in the State

| No. | Location | Capacity of the STP proposed in | Status of Project (at DPR Stage/ Under | Likely Date of Completion |
|-----|----------|---------------------------------|----------------------------------------|---------------------------|
|-----|----------|---------------------------------|----------------------------------------|---------------------------|

|     |  |     |                                |  |
|-----|--|-----|--------------------------------|--|
|     |  | MLD | Tendering/ Work to be Awarded) |  |
| Nil |  |     |                                |  |

#### IV Details of Industrial Pollution

|                                                                                         |                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No. of industries in the State (D.K District)                                           | There are no waste water generating industries within the purview of local bodies situated on the bank of Netravathi River (on the identified polluted river stretch) |
| No. of water polluting industries in the State                                          | NA                                                                                                                                                                    |
| Quantity of effluent generated from the industries in MLD                               | NA                                                                                                                                                                    |
| Quantity of Hazardous Sludge generated from the Industries in TPD                       | NA                                                                                                                                                                    |
| Number of industrial units having ETPs                                                  | NA                                                                                                                                                                    |
| Number of industrial units connected to CETP                                            | NA                                                                                                                                                                    |
| Number and total capacity of ETPs (details of existing/ under construction / proposed)  | NA                                                                                                                                                                    |
| Compliance status of the ETPs                                                           | NA                                                                                                                                                                    |
| Number and total capacity of CETPs (details of existing/ under construction / proposed) | There are no CETP's in the Local bodies situated on the polluted River Stretches.                                                                                     |
| Status of compliance and operation of the CETPs                                         | NA                                                                                                                                                                    |

| Town           | No. of industries | Industrial discharge | Status of ETPs | Status of CETPs (existing, under construction & proposed) |
|----------------|-------------------|----------------------|----------------|-----------------------------------------------------------|
| Not applicable |                   |                      |                |                                                           |

#### V Solid Waste Management

##### Total number of Urban Local Bodies and their Population

The total number of Urban Local Bodies on the bank of Netravathi River along with the population are submitted as below;

| Sl No | Local Bodies                                                 | Population |
|-------|--------------------------------------------------------------|------------|
| 1     | Town Municipal council, Bantwala, Dakshina Kannada District. | 40155      |
| 2     | Town Panchyath, Belthangadi Taluk, Dakshina Kannada District | 7746       |

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Current Municipal Solid Waste Generation                                                                                                                                                                                                                          | 13.89 MT/day                                                                                                                                                                                                                                                              |
| Number, installed capacity and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing eg- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), Bio-methanation, MRF etc | <ul style="list-style-type: none"> <li>The local bodies are practicing the system of door to door collection of segregated municipal solid waste.</li> <li>The dry recyclable waste such as Paper, wood, Glass etc are being segregated and sent to recyclers.</li> </ul> |

|                                                                                                                                                 |                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%)                            | All local bodies have submitted action plan with time line to bridge gap between Installed Capacity and Current Utilization of processing facilities through District environmental plan as per the NGT Order w.r.t O.A.360 of 2018. |
| No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction)                                              | There are no C&D waste processing plants.                                                                                                                                                                                            |
| Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source                          | Total No. of wards-38<br>Door to Door Collection-35<br>Segregation at Source-23<br>(As submitted by ULBs in DEP)                                                                                                                     |
| Details of MSW treatment facilities proposed and under construction (no., capacity, and technology)                                             | Nil                                                                                                                                                                                                                                  |
| No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills                                                                | Nil                                                                                                                                                                                                                                  |
| No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers                                                            | Nil                                                                                                                                                                                                                                  |
| No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers | 7                                                                                                                                                                                                                                    |

#### Status of ULB wise Management of Solid Waste

| ULB          | Total MSW generation in TPD | Total MSW being processed in TPD | Existing MSW facilities                                                                                                                                                              | Utilization Capacity of the existing MSW facilities | Proposed MSW Facilities & Completion Timeline              |
|--------------|-----------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|------------------------------------------------------------|
| Bantwala TMC | 14                          | 12.2                             | <ul style="list-style-type: none"> <li>Windrows System is adopted for management of wet waste</li> <li>Management of Material Receiving Facility for dry waste recycling.</li> </ul> | 100%                                                | There are no Proposed MSW Facilities in this jurisdiction. |

#### VI Bio-medical Waste Management

|                                             |                                                                                                                                                                                                                                                 |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Total Bio-medical generation:               | 180 Kg/day                                                                                                                                                                                                                                      |
| No. of Hospitals and Health Care Facilities | 132                                                                                                                                                                                                                                             |
| Status of Treatment Facility/ CBMWTF        | The Bio medical Waste generated from hospitals and HCEs are being handed over to CBMWTF facility provided by M/s. Ramky Enviro Tech Pvt. Ltd., Mulki, D.K. and M/s. Ayush Enviro tech Pvt. Ltd., Padubidre Udupi further treatment and disposal |

#### VII Hazardous Waste Management



|                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Total Hazardous Waste Generation                                                       | Nil                                                                                                                                                                                                                                                                                                                                                                                                           |
| No of Industries Generating Hazardous Waste                                            | Nil                                                                                                                                                                                                                                                                                                                                                                                                           |
| Treatment Capacity of all TSDFS                                                        | <p>There are No TSDF facility proposed in the jurisdiction of RO-Mangalore.</p> <p>The Hazardous waste generated in the District is being sent to TSDF, situated at Bangalore for final treatment &amp; disposal. the other facility like incinerators, Co-processors &amp; Recyclers across the state are also being used for treatment &amp; disposal of Hazardous waste generated from the industries.</p> |
| Average Quantity of Hazardous Waste reaching the TSDFS and treated                     |                                                                                                                                                                                                                                                                                                                                                                                                               |
| <ul style="list-style-type: none"> <li>Details of on-going or proposed TSDF</li> </ul> |                                                                                                                                                                                                                                                                                                                                                                                                               |

| VIII Plastic Waste Management |                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                               | Total Plastic Waste generation                                                                                                       | 382 MT/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                               | Treatment/ Measures adopted for reduction or management of plastic waste                                                             | <ul style="list-style-type: none"> <li>The Single use plastic is totally banned in Karnataka as per GoK Notification No: No. FEE/17EPC2012, Bangalore, dated: 11-03-2016.</li> <li>There are two waste plastic reprocessing industries in the jurisdiction of RO-Mangalore.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| IX                            | Details of Alternate Treatment Technology being adopted by the State/UT                                                              | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| X                             | Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment | <ul style="list-style-type: none"> <li>In the ULB limit most of individual houses are have provided ST &amp; SP for treatment of domestic sewage generated from individual houses.</li> <li>Revised river rejuvenation action plan submitted on 08.05.2020 with directions to all the stakeholder for complying with the direction issued in the District Level Special Surveillance Task Force(DLSETF)</li> <li>Proposal for providing Underground drainage system in all areas with terminal STP for 100% treatment of waste water.</li> <li>Untreated sewage entering in to the rivers should be reduced by laying the drainage network &amp; connecting the domestic sewage in to the terminal sewage treatment plant.</li> <li>To install STP's for treatment of domestic sewage and scientific disposal facilities for solid waste generated from the villages &amp; town located on the bank of Netravathi River</li> </ul> |
| XI                            | Details of Nodal Officer appointed by Chief Secretary in the State/UT                                                                | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| XIII                          | Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT:                                               | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| XIII                          | Latest water quality of polluted                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

|       |                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                        |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       | river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river;                                                                                               | <b>Attached as Annexure</b>                                                                                                                                                                                                                                            |
| XIV   | Ground water regulation                                                                                                                                                                                     | The industry authorities are directed to obtain NOC from State/ District Ground water Authority as applicable.                                                                                                                                                         |
| XV    | Good irrigation practices being adopted by the State                                                                                                                                                        | NA                                                                                                                                                                                                                                                                     |
| XVI   | Rain Water Harvesting                                                                                                                                                                                       | During the District Level meeting of DLSESTF a directions were given from District Commissioner to all the Concerned Departments to implement the Comprehensive Rain Water System and submit an action taken report.                                                   |
| XVII  | Demarcation of Floodplain and removal of illegal encroachments                                                                                                                                              | Directions have been given to Forest Department and Revenue Department to submit details about flood plain zone and to carry out massive plantation and also to notify the Flood Plain Zone (FPZ).Gazing station at Bantwala through District Environmental Plan (DEP) |
| XVIII | Maintaining minimum flow of river                                                                                                                                                                           | During the District Level meeting of DLSESTF a directions was given from District Commissioner to all the Concerned Departments to maintaining minimum flow of river and submit an action taken report.                                                                |
| XIX   | Plantation activities along the rivers                                                                                                                                                                      | During the District Level meeting of DLSESTF a directions was given from District Commissioner to all the Concerned Departments to take up Plantation activities along the rivers and submit an action taken report.                                                   |
| XX    | Development of biodiversity park                                                                                                                                                                            | NA                                                                                                                                                                                                                                                                     |
| XXI   | Reuse of Treated Water                                                                                                                                                                                      | Treated sewage will be reused once STP put into operation.                                                                                                                                                                                                             |
| XXII  | Model River being adopted by the State & Action Proposed for achieving the bathing quality standards                                                                                                        | If the State identifies the model river, the Action Proposed for achieving the bathing quality standards the directions will be followed.                                                                                                                              |
| XXIII | Status of Preparation of Action Plan by the 13 Coastal States                                                                                                                                               | Submitted. Copy of Coastal plan enclosed. Information furnished in the prescribed format for OA No. 829/2019 vide letter dated: 03.01.2020.                                                                                                                            |
| XXIV  | Regulation of Mining Activities in the State/UT                                                                                                                                                             | Regulated by Department of Mines and Geology.                                                                                                                                                                                                                          |
| XXV   | Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring                                                                                             | Nil                                                                                                                                                                                                                                                                    |
| XXVI  | Please provide overall progress achieved in terms of all the above points compared to previous month<br><br>➤ Effective implementation of Door to Door collection of solid waste is being done by the ULBs. |                                                                                                                                                                                                                                                                        |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <ul style="list-style-type: none"> <li>➤ The household plastic waste is collected and handed over to Authorized plastic waste recyclers.</li> <li>➤ TMC Bantwala has started processing their wet waste through windrows composting.</li> <li>➤ This office has issued notices to all the urban local bodies to identify site for establishing C&amp;D waste processing facility and obtain the Authorization under C&amp;D Waste management Rules, 2016.</li> <li>➤ The Meeting of District Level Special Task Force (STF) was held on 29.12.2021 under the Chairmanship of Deputy Commissioner, D.K (Meeting conducted by Sri Channabasappa, ADC, D.K District) to review the progress with respect to implementation Solid Waste Management Rules 2016.</li> <li>➤ In view of the declaration of Dharmastala No Plastic City by Govt of India the meeting was convened with all the State holder who are consuming/using single use plastic in their day to day activities.</li> <li>➤ The meeting was attended by Hotel association, Gram Panchayath president, vice president, members, Officials from Zilla panchayath, Grama panchayath Officer, Shop/Commercial establishment, yathiri nivas, maintenance people personal, General publics, Karnataka State Pollution Control Board Officials and selected NGOs of Dharmastala who are engaged in solid waste management at Dharmastala. Each represented have submitted their action plan to be implemented by every State holder including General Public and Travelers for effective implication of ban of single use plastic in the City.</li> <li>➤ 75 shops, Hotels, Tourist lodge within Gram Panchyat limit of Dharmastala were inspected on 23.11.2023 and upto 400 Kgs of plastics were seized and Rs 15400/- fine was levied on single use plastics ban violators.</li> <li>➤ Dharamastala Grama Panchayath has conducted SUP Awareness through voice clippings in all the door to door solid waste collection vehicles to make regular announcement and to give awareness among general public on day to day solid waste collection vehicles and Conducting regular raids and imposing fine for the violators.</li> <li>➤ On 05.02.2024 Dharmasthal Gram Panchayath was declared as SUP Plastic free village by Hon'ble Minister of Forest, Ecology &amp; Environmental Sri Eshwari Khandre and in presence Dr.D.Veerendra Heggade, Member of Parliament in Rajya Sabha.</li> <li>➤ News Paper article was published in local Udayavani News paper regarding ban of SUPs and announcement of Dharmastala as single use plastic prohibited city on 06.02.2024 as part of awareness among general public</li> <li>➤ Meeting wrt Preparation of action plan on implementation of ban on single use plastic in Mangalore City and Dharmastala Gram Panchayath Mangalore City held on 25.06.2024 at 3rd floor Conference Hall DC Office, Mangalore.</li> <li>➤ Formation of task force committee for on implementation of ban on single use plastic in Mangalore City, Dharmastala and All ULB's of Dakshina Kannada District.</li> <li>➤ Attended resource person program on ban on SUP organized by Zilla Panchayat, Dakshina Kannada at Belthangadi for all village Panchayath PDOs and Presidents.</li> </ul> |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

ENVIRONMENTAL OFFICER  
KSPCB,MANGALURU



**National Mission for Clean Ganga**  
**Format for submission of Monthly Progress Report in the NGT Matter OA No. 673 of 2018 (in compliance to NGT order dated 24.09.2020) For the State of Karnataka**

|                               |                                  |
|-------------------------------|----------------------------------|
| <b>Name of the River</b>      | <b>SHIMSHA</b>                   |
| <b>Polluted river stretch</b> | <b>Yediyur to Halagur bridge</b> |
| <b>Priority</b>               | <b>IV</b>                        |
| <b>Status as on</b>           | <b>Feb - 2025</b>                |

**Overall status of the State:**

|            | <b>Particulars</b>                                               | <b>TMC Maddur</b> |
|------------|------------------------------------------------------------------|-------------------|
| <b>I.</b>  | Total Population: Urban Population & Rural Population separately | <b>28,902</b>     |
| <b>II.</b> | Estimated Sewage Generation (MLD):                               | <b>3.5</b>        |

**III. Details of Sewage Treatment Plant:**

| <b>Particulars</b>                                        | <b>TMC Maddur</b> |
|-----------------------------------------------------------|-------------------|
| Existing no. of STPs and Treatment Capacity (in MLD):     | 3.5 MLD           |
| Capacity Utilization of existing STPs:                    | 3.5 MLD           |
| MLD of sewage being treated through Alternate technology: | -                 |
| Gap in Treatment Capacity in MLD:                         | Nil               |
| No. of Operational STPs:                                  | 01                |
| No. of Complying STPs:                                    | 01                |
| No. of Non-complying STPs:                                | -                 |

**Details of each existing STP in the State**

| <b>Name of the Local Body</b> | <b>Location</b>                          | <b>Existing STP Capacity</b> | <b>Capacity Being Utilized</b> | <b>Operational Status of STP</b> | <b>Compliance Status of STP</b> |
|-------------------------------|------------------------------------------|------------------------------|--------------------------------|----------------------------------|---------------------------------|
| TMC Maddur                    | Hole Anjanaiah swamy Temple Road, Maddur | 3.5 MLD                      | 3.5 MLD                        | Yes                              | Complied                        |

**Details of under construction STPs in the State:**

| Name of the Local Body | Location                                 | Capacity of the plant in MLD                                             | Physical Progress in %                                                                                                                                                                                                                                                                                                                                                                                                 | Status of I & D or House sewer connections                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Completion Timeline |
|------------------------|------------------------------------------|--------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| TMC Maddur             | Hole Anjanaiah swamy Temple Road, Maddur | Up gradation of existing 3.5 MLD STP to 6.0 MLD with Aeration Technology | Revised DPR is prepared by KUWS&DB, Mandya Division for Rs. 50.15 Crores to divert the sewage discharged into river through storm water drain. Connecting household to UGD by 4000 houses & construction of 2 nos. of wet wells. Upgradation of existing 3.5 MLD STP to 6.0 MLD. The DPR is approved & work has been assigned to KUWS&DB by the Government. The tender is invited by KUWSSB for execution of the work. | <b><u>Sewage Treatment Plant:</u></b><br>UP-gradation of STP work is completed and it is under operation. But other related works like laying network in extension area & household connection etc., are 70 % completed & rest of the work will be completed shortly. Work order for extension of UGD networks in out growth area and extended area gap analysis has done by KUWS&DB. The authorities have operating the STP of capacity 6.0 MLD at Hole Anjaneyaswamy temple Road, Maddur Taluk, Mandya District. The TMC authorities have not obtained CFE-expansion and operation for up gradation of STP of capacity 3.0MLD to 6.0MLD and also not applied for renewal of consent under Water Act, 1974. | 14-04-2022          |

**Details of proposed STPs in the State**

| Name of the Local Body | Location                                 | Capacity of the STP proposed in MLD              | Status of Project (at DPR Stage/ Under Tendering/ Work to be Awarded)                                                                                                                                                                              | Likely Date of Completion |
|------------------------|------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| TMC Maddur             | Hole Anjanaiah swamy Temple Road, Maddur | Up gradation of existing 3.5 MLD STP to 6.0 MLD. | <b><u>Sewage Treatment Plant:</u></b><br>UP-gradation of STP work is completed and it is under operation. But other related works like laying network in extension area & household connection etc., are 70 % completed & rest of the work will be | 14-04-2022                |

|  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|  |  |  | completed shortly. Work order for extension of UGD networks in out growth area and extended area gap analysis has done by KUWS&DB. The authorities have operating the STP of capacity 6.0 MLD at Hole Anjaneyaswamy temple Road, Maddur Taluk, Mandya District. The TMC authorities have not obtained CFE-expansion and operation for up gradation of STP of capacity 3.0MLD to 6.0MLD and also not applied for renewal of consent under Water Act, 1974. |  |
|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

**IV. Details of Industrial Pollution:**

| Particulars                                                                             | TMC Maddur |
|-----------------------------------------------------------------------------------------|------------|
| No. of industries in the State:                                                         | 1          |
| No. of water polluting industries in the State:                                         | 1          |
| Quantity of effluent generated from the industries in MLD:                              | 2.9        |
| Quantity of Hazardous Sludge generated from the Industries in TPD:                      | Nil        |
| Number of industrial units having ETPs:                                                 | 01         |
| Number of industrial units connected to CETP:                                           | -          |
| Number and total capacity of ETPs (details of existing/ under construction / proposed)  | 2.9        |
| Compliance status of the ETPs:                                                          | Complied   |
| Number and total capacity of CETPs (details of existing/ under construction / proposed) | -          |

**Status of compliance and operation of the CETPs:**

| Town       | No. of industries | Industrial discharge | Status of ETPs | Status of CETPs (existing, under construction & proposed) |
|------------|-------------------|----------------------|----------------|-----------------------------------------------------------|
| TMC Maddur | -                 | -                    | -              | -                                                         |

V. **Solid Waste Management:**

| Particulars                                                                                                                                                                                                                                                       | TMC Maddur                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Total number of Urban Local Bodies and their Population                                                                                                                                                                                                           | 28,902                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Current Municipal Solid Waste Generation                                                                                                                                                                                                                          | 10 TPD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Number, installed capacity and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing eg- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), bio-methanation, MRF etc | <ul style="list-style-type: none"> <li>• Composting Existing – 0.0 Gap – 4.1 TPD</li> <li>• Sanitary landfill Existing–Nil Gap – 2.4 TPD</li> <li>• <b>The 70 % of the wet waste is being composted at source level through home composting and 30 % is in a decentralized waste processing plant.</b></li> <li>• <b>Dry waste is collected by the pourakarmikas and sold to scrap dealers.</b></li> </ul>                                                                                                                               |
| Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%)                                                                                                                                              | <p><b><u>Solid Waste Management Details:</u></b></p> <p>With respect to Solid Waste Management by Municipalities, under 15<sup>th</sup> finance (2021-22) grant Tender was given &amp; provided the facility as per SWM Rules at Sy. No. 623 RS &amp; 733 RS, Huthgere Village, Athguru Hobli, Maddur Taluk, Mandya District in an area of 3.0 Acres 32 Guntas in the Sy.No. of 623RS and 3.0 Acres 31 Guntas in the Sy.No.733RS. The total land fill site is about 7.0 Acres 23 Guntas. The authorization was expired on 31.12.2021</p> |
| No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction)                                                                                                                                                                | Land identification is in progress                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source                                                                                                                                            | <ul style="list-style-type: none"> <li>• Door to door collection 23/23 Wards.</li> <li>• Segregation practice-18 Wards</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                        |
| Details of MSW treatment facilities proposed and under construction (no., capacity, and technology)                                                                                                                                                               | DPR for integrated solid waste management is approved for 5.25 Crores, currently civil work is assigned to the contractor and <b>70 % of the work is completed.</b>                                                                                                                                                                                                                                                                                                                                                                      |
| No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills                                                                                                                                                                                  | 3 acres, sanitary landfill is under construction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers                                                                                                                                                                              | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers                                                                                                                   | <p>Nos. of drains - 1</p> <p>Nos. of drains having floating racks / screen – Nil</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                     |



**Status of ULB wise Management of Solid Waste**

| Name of the ULB | Total MSW generation in TPD | Total MSW being processed in TPD | Existing MSW facilities       | Utilization Capacity of the existing MSW facilities | Proposed MSW Facilities & Completion Timeline                                                                                                                                                                                                                        |
|-----------------|-----------------------------|----------------------------------|-------------------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TMC Maddur      | 10                          | 3.0                              | De centralized pit composting | 3.0                                                 | DPR for Rs. 5.25 Crores (Civil work- 4 crore & vehicles 1.25 crores) with 12 % GST & work order for processing of entire MSW waste is issued on 23-03-2020 and currently the civil work is assigned to the contractor and <b>about 70% of the work is completed.</b> |

**a. Bio-medical Waste Management:**

| Particulars                                  | TMC Maddur                                     |
|----------------------------------------------|------------------------------------------------|
| Total Bio-medical generation:                | 81.7 Kg/day                                    |
| No. of Hospitals and Health Care Facilities: | Bedded: 03<br>Non Bedded: 26                   |
| Status of Treatment Facility/ CBMWTF:        | Disposed to CBMWTF (M/s. Maridi Eco Solutions) |

**b. Hazardous Waste Management:**

| Particulars                                                     | TMC Maddur |
|-----------------------------------------------------------------|------------|
| Total Hazardous Waste generation.                               | -          |
| No. of Industries generating Hazardous waste                    | -          |
| Treatment Capacity of all TSDFs                                 | -          |
| Avg. Quantity of Hazardous waste reaching the TSDFs and Treated | -          |
| Details of on-going or proposed TSDF                            | -          |

**c. Plastic Waste Management:**

| Particulars                                                               | TMC Maddur                                                                                               |
|---------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Total Plastic Waste generation:                                           | <b>3.6 MTPD</b>                                                                                          |
| Treatment/ Measures adopted for reduction or management of plastic waste: | Awareness programme was carried out to minimize the usage of plastic & regular raid will be carried out. |

| Particulars                                                                                                                                       | TMC Maddur                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| VI. Details of Alternate Treatment Technology being adopted by the State/UT                                                                       | -                                                                                                                                                                                                                                                                                                                                                                                            |
| VII. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment:        | One drain is identified & monitored. The analysis reports of the same is awaited.                                                                                                                                                                                                                                                                                                            |
| VIII. Details of Nodal Officer appointed by Chief Secretary in the State/UT:                                                                      | -                                                                                                                                                                                                                                                                                                                                                                                            |
| IX. Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT:                                                        | -                                                                                                                                                                                                                                                                                                                                                                                            |
| X. Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river; | <b>Status of water quality of polluted rivers in Annexure-1.</b>                                                                                                                                                                                                                                                                                                                             |
| XI. Ground water regulation:                                                                                                                      | The ground water resources assessment is carried out on Taluka wise (Administrative Units) The State Govt. has taken up various Recharge/Water Conservation Schemes like for augmentation of ground water resources. In respect of semi critical area action plan will be executed with the District Administration to restore the Ground Water Table.                                       |
| XII. Good irrigation practices being adopted by the State:                                                                                        | The Dept. of Agriculture has submitted action plan for implementation of following measures. <ul style="list-style-type: none"> <li>• General Government Practice of Irrigation is maintained in the Maddur Tq.</li> <li>• Farmers are made aware to use water optimally.</li> </ul>                                                                                                         |
| XIII. Rain Water Harvesting:                                                                                                                      | The Department of Revenue and Irrigation have prepared District Disaster Management Plan for the Flood Plains of river Shimsha which is also covered under polluted river stretch. In order to overcome Flood Plains people of nearby villages are warned through early warning arrangement in consultation with revenue department. Further measures required for Flood Plain Management in |
| XIV. Demarcation of Flood plain and removal of illegal encroachments:                                                                             |                                                                                                                                                                                                                                                                                                                                                                                              |

|                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                | the polluted river stretch will be implemented.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| XV. Maintaining minimum e-flow of river:                                                                                                       | The Cauvery Neeravari Nigam Ltd., is requested to submit the action plan as per MoEF & CC norms during monsoon seasons and same is not yet submitted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| XVI. Plantation activities along the rivers:                                                                                                   | The Forest Department is requested submit the action for plantation of saplings on the banks of polluted river stretch of Shimsha and the same is not yet submitted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| XVII. Development of biodiversity park:                                                                                                        | As of now, there is one Bird Sanctuary in Kokkare bellur in Shimsha river stretch of Maddur Taluk. The Forest Department is requested to submit action plan for the proposed bio diversity parks and the same is not yet submitted. The status of the existing and proposed bio diversity parks and its implementations will be executed in coordination with the Forest Department.                                                                                                                                                                                                                                                                                                                                                |
| XVIII. Reuse of Treated Water:                                                                                                                 | Treated water is used on land for irrigation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| XIX. Model River being adopted by the State & Action Proposed for achieving the bathing quality standards:                                     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| XX. Status of Preparation of Action Plan by the 13 Coastal States:                                                                             | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| XXI. Regulation of Mining Activities in the State/UT:                                                                                          | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| XXII. Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring                          | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| XXIII. Overall progress of the month:<br>Please provide overall progress achieved in terms of all the above points compared to previous month. | <p><b><u>Sewage Treatment Plant:</u></b></p> <p>UP-gradation of STP work is completed and it is under operation. But other related works like laying network in extension area &amp; household connection etc., are 70 % completed &amp; rest of the work will be completed shortly. Work order for extension of UGD networks in out growth area and extended area gap analysis has done by KUWS&amp;DB. The authorities have operating the STP of capacity 6.0 MLD at Hole Anjaneyaswamy temple Road, Maddur Taluk, Mandya District. The TMC authorities have not obtained CFE-expansion and operation for up gradation of STP of capacity 3.0MLD to 6.0MLD and also not applied for renewal of consent under Water Act, 1974.</p> |

**Solid Waste Management Details:**

With respect to Solid Waste Management by Municipalities, under 15<sup>th</sup> finance (2021-22) grant Tender was given & provided the facility as per SWM Rules at Sy. No. 623 RS & 733 RS, Huthgere Village, Athguru Hobli, Maddur Taluk, Mandya District in an area of 3.0 Acres 32 Guntas in the Sy.No. of 623RS and 3.0 Acres 31 Guntas in the Sy.No.733RS. The total land fill site is about 7.0 Acres 23 Guntas. The authorization was expired on 31.12.2021

**Annexure-1**

**XIII. Latest water quality of polluted river stretch for the month of February-2025**

| Sl. No. | Details of Water Quality Monitoring locations as per NWMP                                 | Year      | DO (mg/l) | BOD (mg/l) | Fecal Coliform (MPN/100 ml) | Total coliform (MPN/100 ml) |
|---------|-------------------------------------------------------------------------------------------|-----------|-----------|------------|-----------------------------|-----------------------------|
| 1       | D/S of river Shimsha near Bangalore-Mysore Road Bridge Maddur, Maddur Tq, Mandya District | Feb-2025  | 6.7       | 2.5        | 120                         | 1100                        |
| 2       | D/s of river shimsha near Halgur Road Bridge, Malavalli Tq, Mandya District               | Feb- 2025 | 6.5       | 3.0        | 110                         | 1300                        |

## National Mission for Clean Ganga

### Format for submission of Monthly Progress Report in the NGT Matter OA

No. 673 of 2018 (in compliance to NGT order dated 24.09.2020)

#### For the State of Karnataka

Name of the River : Tunga River  
Polluted river stretch : 10Km  
Priority : V  
Status as on : 28.02.2025

#### Overall status of the State:

I. Total Population: Urban Population & Rural Population separately:

Shivamogga City Corporation Population is 322650 ( As on 2011 census)

II. Estimated Sewage Generation (MLD): 47.79MLD

#### III. Details of Sewage Treatment Plant:

- Existing no. of STPs and Treatment Capacity (in MLD):

Existing 2 no of capacity STP of 35.58 MLD STP at Thyvarechatnhalli, & 5.13MLD at Purle Village, Shivamogga Tq & Dist is under operation.

- Capacity Utilization of existing STPs:14.52MLD
- MLD of sewage being treated through Alternate technology: --
- Gap in Treatment Capacity in MLD:33.27
- No. of Operational STPs: 2
- No. of Complying STPs:2
- No. of Non-complying STPs: Nil

#### Details of each existing STP in the State

| No. | Location                                             | Existing STP Capacity | Capacity Being Utilized | Operational Status of STP | Compliance Status of STP |
|-----|------------------------------------------------------|-----------------------|-------------------------|---------------------------|--------------------------|
| 1   | Sy.no.27/1,28P,32,33, 34,35 & 36, Thyvarechatnhalli, | 35.58 MLD             | 14MLD                   | Working                   | Complied                 |

|   |                                                                                             |         |          |         |          |
|---|---------------------------------------------------------------------------------------------|---------|----------|---------|----------|
|   | Shivamogga Tq & Dist                                                                        |         |          |         |          |
| 2 | City Corporation,<br>Shivamogga, Sy.No.33/<br>P1, Purle<br>village, Shivamogga Tq<br>& Dist | 5.13MLD | 0.52 MLD | Working | Complied |

#### **Details of under construction STPs in the State**

| No. | Location                                 | Capacity of the plant in MLD | Physical Progress in % | Status of I&D or House sewer connections | Completion Timeline                  |
|-----|------------------------------------------|------------------------------|------------------------|------------------------------------------|--------------------------------------|
| 1   | Ghandi Park, Shivamogga City, Shivamogga | 0.05MLD                      | 100%                   | -                                        | Work Completed. But not commissioned |

#### **Details of proposed STPs in the State**

| No. | Location | Capacity of the STP proposed in MLD | Status of Project (at DPR Stage/ Under Tendering/ Work to be Awarded) | Likely Date of Completion |
|-----|----------|-------------------------------------|-----------------------------------------------------------------------|---------------------------|
| -   | -        | -                                   | -                                                                     | -                         |

#### **IV. Details of Industrial Pollution:**

- No. of industries in the State:

There are no large industries located on the bank of the Tunga River.

- No. of water polluting industries in the State: -
- Quantity of effluent generated from the industries in MLD: -
- Quantity of Hazardous Sludge generated from the Industries in TPD: -
- Number of industrial units having ETPs: -
- Number of industrial units connected to CETP: Nil
- Number and total capacity of ETPs (details of existing/ under construction / proposed)  
: -
- Compliance status of the ETPs: -

- Number and total capacity of CETPs (details of existing/ under construction / proposed) :Not Applicable (Shivamogga Dist. is not having any CETP).
- Status of compliance and operation of the CETPs

| Town | No. of industries | Industrial discharge | Status of ETPs | Status of CETPs (existing, under construction & proposed) |
|------|-------------------|----------------------|----------------|-----------------------------------------------------------|
|      | Nil               |                      |                |                                                           |

#### V. **Solid Waste Management:**

- Total number of Urban Local Bodies and their Population:  
**1 - City Corporation, Shivamogga. Population is 322650**
- Current Municipal Solid Waste Generation is about **170TPD**.
- Number, installed capacity and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing eg- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), bimethanation, MRF etc : City Corporation, Shivamogga is having MSW site at Sy No.198, 202 to 206, 208 to 210, Anupinakatte Village, Shivamogga. Installed capacity is 75TPD (Considering 8 hr Shift) and they operate the unit in two shifts (6.00AM to 10.00PM) to process the MSW.
- Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%) : --
- No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction) : NIL
- Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source : There are 35 wards in Shivamogga Corporation. All 35 wards are covered under Door to Door Collection. All 35 Wards are doing source segregation.

- Details of MSW treatment facilities proposed and under construction (no., capacity, and technology)-**Nil**
- No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills.: --
- No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers : --
- No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers: 7 drains.

Smart City Shivamogga has taken up 7 works (Drains) to divert during summer season. (I & D Work).

Additionally, KUWS&DB, Shivamogga, has taken on I and D (Interception & Diversion) works, with 75% of the construction finished and work scheduled to be finished in December 2023.

**Status of ULB wise Management of Solid Waste**

| ULB | Total MSW generation in TPD | Total MSW being processed in TPD | Existing MSW facilities                                       | Utilization Capacity of the existing MSW facilities                                      | Proposed MSW Facilities & Completion Timeline |
|-----|-----------------------------|----------------------------------|---------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------|
| 1   | 170TPD                      | 150 TPD<br>( 2 Shifts)           | windrow platform, composting ,leachate treatment is provided. | 75TPD(Considering 8 hr Shift) and they operate the unit in two shifts to process the MSW | Nil                                           |

**VI. Bio-medical Waste Management:**

- Total Bio-medical generation : 1174 Kg/day
- No. of Hospitals and Health Care Facilities: Total No of Hospitals and Health Care Facilities is 431 including 90 No bedded HCF,336 No non bedded HCF and 5 Veterinary Hospital.
- Status of Treatment Facility/ CBMWTF : The Shivamogga Dist is having one CBMWTF i.e.M/s.Shushrutha Biomedical Waste Management Society®, Plot.No.31/C, Machenahalli Indl Area, Bhadravathi Tq,Shivamogga Dist. The unit has obtained Consent and Authorization from the Board for the



period up to 30.06.2025.

**VII. Hazardous Waste Management:**

- No. of Industries generating Hazardous waste : 38
- Treatment Capacity of all TSDFs:  
Not Applicable (Shivamogga Dist. is not having TSDF)
- Avg. Quantity of Hazardous waste reaching the TSDFs and Treated: Not Applicable
- Details of on-going or proposed TSDF: Not Applicable

**VIII. Plastic Waste Management:**

- Total Plastic Waste generation: 4318 TPA
- Treatment/ Measures adopted for reduction or management of plastic waste:

**The City Corporation, Shivamogga has prepared By laws for Plastic Waste Management Rule. Plastic raids on Commercial activities are conducted from time to time from City Corporation Shivamogga and KSPCB.**

IX. Details of Alternate Treatment Technology being adopted by the State/UT --

X. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment:--This Office has indentified 7 points where drains contributing the river pollution and legal sample was collected on 26.06.2023 the analysis reports are herewith attached for kind perusal and the locations are as follows:

1. Harakere Left Bank of Tunga river Shivamogga
2. Uragadur (Right Bank of Tunga River), Shivamogga :
3. Near Purle , Right Bank of Tunga River), Shivamogga
4. Holebenavalli (Right bank) Shivamogga,
5. Goravinakatte (Left bank)Kudli Suguru Shivamogga,
6. SPM Road, New Mandli, Malavagoppa south Shivamogga Dist,

7. Thevarchatnahalli Shivamogga

XI. Details of Nodal Officer appointed by Chief Secretary in the State/UT:--

XII. Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT:--

XIII. Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river;

This Office is collecting the River Water Samples every month at 2 Locations.

February- 2025 month analysis report enclosed as Annexure-1.

XIV. Ground water regulation:

**District Ground Water Office has reported that Shivamogga Dist lies under safe zone (There are no over exploited Taluk)**

XV. Good irrigation practices being adopted by the State:

**Adoption of micro irrigation practices such as drip/sprinkler.**

XVI. Rain Water Harvesting:

**Shivamogga Urban Development Authority (SUDA) is insisting residential Buildings/Commercial Buildings to adopt Rain Water Harvesting in its approval.**

XVII. Demarcation of Floodplain and removal of illegal encroachments:

**Flood plain zone encroachment details are sought from the Revenue Department.**

XVIII. Maintaining minimum e-flow of river:

**Karnataka Water Resources Department is the concerned Department and it is maintaining the flow as per the Norms.**

XIX. Plantation activities along the rivers:

**The Deputy Commissioner has informed the Forest Department Officers to take suitable action for plantation in flood plain zone.**

XX. Development of biodiversity park:

**The Deputy Commissioner instructed the Irrigation Department Officials to verify the encroachment if any on the river banks and informed to take suitable action on this issue along with the concerned Department**

XXI. Reuse of Treated Water: --

XXII. Model River being adopted by the State & Action Proposed for achieving the bathing quality standards: --

**XXIII. Status of Preparation of Action Plan by the 13 Coastal States: Not Applicable**

XXIV. Regulation of Mining Activities in the State/UT:

Mines & Geology Dept is monitoring Sand Mining activity

XXV. Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring:---

XXVI. Overall progress of the month:---This Office issued Show cause notice to City Corporation ,Shivamogga with respect to the non-compliances and discharging of untreated sewage into the Tunga river and letter also furnished to Board Office for calling CC, Shivamogga for personal hearing at Board Office.

All 3 STPs in City Corporation ,Shivamogga were inspected in the month of June and with respect to the non-compliances recommended to Board to call all ULB authorities for personal hearing at Board Office. Conducted awareness programmes and Tunga river bank cleaning work along with CC, Shivamogga on December -2023 month.

The Meeting was conducted with concerned department with the chairmanship of the DC, Shivamogga on dated 15.11.2023.

The Meeting was conducted with concerned department with the chairmanship of the DC, Shivamogga on dated 11.07.2024.

Sd/-

Environmental Officer,  
KSPCB, Shivamogga



## **National Mission for Clean Ganga**

**Format for submission of Monthly Progress Report in the NGT Matter OA No.**

**673 of 2018 (in compliance to NGT order dated 24.09.2020)**

**For the State of Karnataka**

**Pertaining to KSPCB Regional Office, Davangere.**

**Name of the River : Tungabhadra**  
**Polluted river stretch : Honnali to Haralahalli Bridge**  
**Priority : - -**  
**Status as on : 28.02.2025**

### **Overall status of the State:**

I. Total Population: Urban Population & Rural Population separately (as per 2011 census data)

1) Davangere (CC): 4,34,971                      2) Harihara (CMC): 77,447

3) Honnali (TMC): 17,928

II. Estimated Sewage Generation (MLD): **62.84 MLD and details are as follows;**

**CC Davangere – 51.6 MLD**

**CMC Harihara – 8.84 MLD**

**TMC Honnali – 2.4 MLD**

**Total – 62.84 MLD**

### **III. Details of Sewage Treatment Plant:**

- Existing no. of STPs and Treatment Capacity (in MLD):

**Davangere: 4 No's of STPs of capacities 14.8 MLD, 20 MLD, 20 MLD & 5 MLD.**

**Harihara : 18 MLD.**

**Honnali : 3.3 MLD.**

- Capacity Utilization of existing STPs: **62.84 MLD.**
- MLD of sewage being treated through Alternate technology: **Nil**
- Gap in Treatment Capacity in MLD: **Nil**
- No. of Operational STPs: **4 No's**

**(Out of 6 STPs only 2 STP has valid CFO)**

- No. of Complying STPs: **0 No's**
- No. of Non-complying STPs: **6 No's**

**Details of each existing STP in the State**

| No. | Location                         | Existing STP Capacity (MLD) | Capacity Being Utilized (MLD) | Operational Status of STP                                                     | Compliance Status of STP |
|-----|----------------------------------|-----------------------------|-------------------------------|-------------------------------------------------------------------------------|--------------------------|
| 1   | Davangere CC (Kundawada Village) | 14.8                        | 9                             | Operating                                                                     | Not complied             |
| 2   | Davangere (shivanagara)          | 20                          | 16                            | Operating                                                                     | Not complied             |
| 3   | Davangere (shivanagara)          | 20                          | 16                            | Operating                                                                     | Not complied             |
| 4   | Davangere (Avaragere)            | 5                           | 3                             | Operating                                                                     | Not Complied             |
| 5   | Harihara CMC                     | 18                          | 8.84                          | Not in operating                                                              | Not Complied             |
| 6   | Honnali                          | 3.3                         | 1.8                           | Under Modification (obtained CFExp for change in Technology from WSP to NEBR) | Not Complied             |

**Details of under construction STPs in the State**

| No. | Location | Capacity of the plant in MLD | Physical Progress in % | Status of I&D or House sewer connections | Completion Timeline |
|-----|----------|------------------------------|------------------------|------------------------------------------|---------------------|
| 1   | Honnali  | 3.3 MLD                      | 90 %                   | Authenticated data Not provided          | -                   |

**Details of proposed STPs in the State**

| No. | Location | Capacity of the STP proposed in MLD | Status of Project (at DPR Stage/ Under Tendering/ Work to be Awarded) | Likely Date of Completion |
|-----|----------|-------------------------------------|-----------------------------------------------------------------------|---------------------------|
| Nil |          |                                     |                                                                       |                           |

#### **IV. Details of Industrial Pollution: (RO, Davangere Revenue District)**

- No. of industries in the State: **364 (R+O+G pertaining to Davangere Revenue Dist).**
- No. of water polluting industries in the State: **2. (2 major industries located on River bank, viz; M/s. Harihara Poly fibers and M/s. Grasiline Division of Grasim Industries. These two industries are located in Revenue limits of Haveri District.)**
- Quantity of effluent generated from the industries in MLD: **Consented effluent generation is 49.840 MLD and average quantity effluent generated is 32.5 MLD. (This information is pertaining to M/s. Harihara Poly fibers and M/s. Grasiline Division of Grasim Industries. These two industries are located in Revenue limits of Haveri District)**
- Quantity of Hazardous Sludge generated from the Industries in TPD: **0.0 TPD.**
- Number of industrial units having ETPs: **2. (This information is pertaining to M/s. Harihara Poly fibers and M/s. Grasiline Division of Grasim Industries. These two industries are located in Revenue limits of Haveri District)**
- Number of industrial units connected to CETP: **0**
- Number and total capacity of ETPs (details of existing/ under construction / proposed)
  - **2 ETPs of capacities – 20 MLD of M/s. Grasiline Division (GRD) and 40 MLD of M/s. Harihara Poly fibers (HPF). ( These two industries are located in Revenue limits of Haveri District)**
- Compliance status of the ETPs: **Complied with effluent standards.**
- Number and total capacity of CETPs (details of existing/ under construction / proposed) - **NIL**
- Status of compliance and operation of the CETPs - **Nil**

| <b>Town</b>                                | <b>No. of industries</b>                                                        | <b>Industrial discharge</b> | <b>Status of ETPs</b>                              | <b>Status of CETPs (existing, under construction &amp; proposed)</b> |
|--------------------------------------------|---------------------------------------------------------------------------------|-----------------------------|----------------------------------------------------|----------------------------------------------------------------------|
| Kumarapattnum, Ranebennur Tq, Haveri Dist. | 2 (M/s. Harihara Poly fibers and M/s. Grasiline Division of Grasim Industries.) | 32.5 MLD                    | Operating and Complied with the Consent conditions | NIL                                                                  |

#### **V. Solid Waste Management:**

- Total number of Urban Local Bodies and their Population: **3 No's (pertaining to River stretch)**

Davangere CC – **4,34,971**

Harihar CMC – **77,447**

Honnali TMC – **17,928**

- Current Municipal Solid Waste Generation –

Davangere CC – 170 TPD  
 Harihar CMC - 30 TPD  
 Honnali TMC - 8 TPD

- Number, installed capacity and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing eg- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), bio methanation, MRF etc..

| Sl. No | ULB          | Installed capacity | Type of processing                                                                                                                                |
|--------|--------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | CC Davangere | 200 TPD            | Segregation using trammel/vibratory screen machineries in to RDF, inhort and Bio soil is started and also segregation of legacy waste is started. |
| 2      | CMC Harihara | 35 TPD             |                                                                                                                                                   |
| 3      | TMC Honnali  | 8 TPD              | Segregation of dry waste and wet waste is started.                                                                                                |

- Action plan to bridge gap between installed Capacity and Current Utilization of processing facilities (if Gap > 20%): **Nil**
- No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction) – **Nil**
- Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source -

| ULBs         | No of wards | No of wards having door to door collection service | no. of wards practicing segregation at source |
|--------------|-------------|----------------------------------------------------|-----------------------------------------------|
| Davangere CC | 45          | 45                                                 | 45                                            |
| Harihar CMC  | 31          | 31                                                 | 26                                            |
| Honnali TMC  | 23          | 23                                                 | 22                                            |

Note: As per the details submitted by DUDC Davangere.

- Details of MSW treatment facilities proposed and under construction (no., capacity, and technology) – **Nil**.
- Number and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills.  
 - **Not reported.**
- Number and area (in acres) of legacy waste within 1km buffer of both side of the rivers --  
**Nil**



- Number of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers

| Sl. No | Number of drains falling into rivers | Number of drains having floating racks/screens |
|--------|--------------------------------------|------------------------------------------------|
| 1      | 4                                    | 0                                              |

#### **Status of ULB wise Management of Solid Waste**

| ULB          | Total MSW generation in TPD | Total MSW being processed in TPD | Existing MSW facilities                                                                                                                           | Utilization Capacity of the existing MSW facilities | Proposed MSW Facilities & Completion Timeline |
|--------------|-----------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------|
| Davangere CC | 170 TPD                     | 170 TPD                          | Segregation using trammel/vibratory screen machineries in to RDF, inhort and Bio soil is started and also segregation of legacy waste is started. | 170 TPD                                             | -                                             |
| Harihar CMC  | 12 TPD                      | 12 TPD                           |                                                                                                                                                   | 12 TPD                                              | -                                             |
| Honnali TMC  | 1.5 TPD                     | 1.5 TPD                          | Composting                                                                                                                                        | 1.5 TPD                                             | -                                             |

Note: As per the details submitted by DUDC Davangere.

#### **VI. Bio-medical Waste Management:**

- Total Bio-medical wastegeneration: **1.77 TPD (As per the 2023-24 Annual report submitted by CBMWTF In Davangere district)**
- Number of Hospitals and Health Care Facilities: **27 (Bedded Hospitals > 30 beds)**
- Status of Treatment Facility/ CBMWTF: The Biomedical wastes generated from the Davangere District is being collected, treated and disposed by **M/s. Sushanth Environmental Technologies., Amaravathi Village, Harihara Taluk, Davangere.**

#### **VII. Hazardous Waste Management:**

- Total Hazardous Waste generation: **(2 major industries located on River bank, viz; M/s. Harihara Poly fibers and M/s. Grasiline Division of Grasim Industries)**  
ETP sludge – Nil  
Cotton waste & Used oil filters– **2.0 MT/A.**

Used oil – **8.9** KL/Annum.

- Number of Industries generating Hazardous waste: **2**.
- Treatment Capacity of all TSDFs: **Nil (There is no TSDF in Davangere limits)**
- Avg. Quantity of Hazardous waste reaching the TSDFs and Treated: **Nil**
- Details of on-going or proposed TSDF: **NIL**

**VIII. Plastic Waste Management:**

**There are no plastic waste generating industries in the said Polluted River stretch.**

- Total Plastic Waste generation: Nil
- Treatment/ Measures adopted for reduction or management of plastic waste: Nil

IX. Details of Alternate Treatment Technology being adopted by the State/UT –

**Nil**

X. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on in situ treatment: **following are the points where drains contributing towards river;**

| Sl. No | Location                                                                   | Type of sewage                         |
|--------|----------------------------------------------------------------------------|----------------------------------------|
| 1      | Ukkadagathri village (Left bank), Harihara Tq, Davangere                   | Village sewage                         |
| 2      | Harihara Town (Right bank)                                                 | City sewage                            |
| 3      | Chikkabidari Village & Sarathi halla (Right bank), Harihara Tq, Davangere. | Village sewage                         |
| 4      | Didagur village (Left bank) & Honnali town, Davangere                      | Village sewage and Honnali city sewage |

XI. Details of Nodal Officer appointed by Chief Secretary in the State/UT: --

XII. Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT: **No meeting conducted in February Month.**

**XIII.** Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river; **February** Month river water analysis report enclosed as **Annexure 1**.

XIV. Ground water regulation: --

XV. Good irrigation practices being adopted by the State: --

XVI. Rain Water Harvesting: --

XVII. Demarcation of Floodplain and removal of illegal encroachments: --

XVIII. Maintaining minimum e-flow of river: --

XIX. Plantation activities along the rivers: ---

XX. Development of biodiversity park: --

XXI. Reuse of Treated Water:

**District level special Environment surveillance Task force committee chairman has directed M/s. Grasim industries (HPF & GRD) authorities to utilize the treated effluent maximum for various purpose in unit premises and agricultural purpose during the meeting held on 30.11.2022. I/A have informed that, they have established full-fledged ETP comprising of primary treatment, secondary treatment based on Extended Aeration Activated Sludge Process and Tertiary treatment for effluent color removal. The color of the effluent was purely due to lignin in the colloidal suspension form, which is nontoxic to the eco system. However, lignin in small quantity in the effluent imparts a brownish tinge to the effluent thereby creating aesthetic impact on river water.**

XXII. Model River being adopted by the State & Action Proposed for achieving the bathing quality standards: --

XXIII. Status of Preparation of Action Plan by the 13 Coastal States: --

XXIV. Regulation of Mining Activities in the State/UT: --

XXV. Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring ---

XXVI. Overall progress of the month:

Please provide overall progress achieved in terms of all the above points compared to previous month -

**Monitoring of river water was carried out on 04.02.2025 and analysis reports are enclosed.**

Sd/-  
**Environmental Officer  
KSPCB, Davangere**