

### National Mission for Clean Ganga

Format for Submission of Monthly Progress Report by States/UTs  
For the State of Assam/UT (for the month of September, 2023)  
(Hon'ble NGT in the matter of OA No.673/2018 dated 24.09.2020)

#### Overall Status of the State:

Assam

I

|                                       |                                                                                                                                                                       |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Total Population                      |                                                                                                                                                                       |
| Urban Population and Rural Population | Total Population of Guwahati: 12 Lakhs (Approx)<br>Total Population of rest of the ULBs : 24,46,576 Lakhs<br>Total Population (Rural) : 26807034 (As per Census 2011) |
| Estimated Sewage Generation (MLD)     | All ULBs - 435.53 MLD + 1.7 MLD ( generated by hospitals in Guwahati city) = 437.23 MLD                                                                               |

II

III

#### Details of Sewage Treatment Plant:

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No of polluted river stretches identified by CPCB in Assam-9nos, 7 in Urban area (5 remain in Guwahati) Process for construction of 18 STPs is in process. As per PCBA, there is no requirement of STP in any of the polluted Water Body under P&RD Deptt. |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Existing no of STPs and Treatment Capacity (in MLD) :                                                                                                                                                                                                      | 31 nos. with treatment capacity of 2.4 MLD (Setup by Hospitals in Guwahati City) List at Annexure-III                                                                                                                                                                                                                                                                                                                 |
| Capacity Utilization of existing STPs:                                                                                                                                                                                                                     | Nil                                                                                                                                                                                                                                                                                                                                                                                                                   |
| MLD of sewage being treated through Alternate Technology:                                                                                                                                                                                                  | —                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gap in Treatment Capacity in MLD:                                                                                                                                                                                                                          | 99.89% (for ULBs)                                                                                                                                                                                                                                                                                                                                                                                                     |
| No of Operational STPs:                                                                                                                                                                                                                                    | 31 with treatment capacity of 2.4 MLD (set up by Hospitals in Guwahati)                                                                                                                                                                                                                                                                                                                                               |
| No of Complying STPs:                                                                                                                                                                                                                                      | Guwahati-3 nos. – Silsakoo Beel (65MLD), Borsola Beel (62 MLD) and Paschim Boragaon(60 MLD).<br>Rest of the ULB - 15 nos.<br>Under SOPD-Nagaon(2ML), Under SBM 2.0-Mangaldoi(1.5 MLD), Tezpur (6 MLD), Jorhat (6.50 MLD), Tinsukia (12 MLD), Dhubri (4MLD), Bongaigaon (8.50 MLD). Sivasagar MB, Golaghat MB, Karimganj MB, Margherita MB, Mariani MB, Nalbari MB. Under AMRUT 2.0-Dibrugarh MB and Silchar MB (2MLD) |
| No of Non-complying STPs:                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                       |

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

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

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

| No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Location | Capacity of the plant in MLD | Status of Project (at DPR Stage/Under Tendering/Work to be Awarded) | Likely Date of Completion |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------------|---------------------------------------------------------------------|---------------------------|
| 1. Nagaon: Construction work of 2 MLD STP is in progress(74% work completed)<br>2. Borsola Beel: DPR for Construction work of 2 MLD STP at Borsola Beel is completed and vested by Assam Engineering College and work started (5% work completed).<br>3. Sorusula Beel: A CSR scheme amounting to Rs. 259.00 Lakh under ICICI bank has been taken up for improvement of water quality of Sorusula Beel through Bio-remediation measures.<br>4. Silsakoo Beel: Rejuvenation, Bioremediation and sustainable conservation works of Silsakoo Beel has been started to increase retention capacity of the beel to at least 3.7 million cubic meter to act as storm water basin, for ground water research zone and to have sponge city effect. The Govt. has already accorded Administrative Approval of excavation of Silsakoo Beel to enhance its retention capacity amounting to Rs.2349.80 Lakh in 2022-23. |          |                              |                                                                     |                           |

#### 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   | Borsola, Guwahati         | 62.00 MLD                           | Land for the 3 STPs have been taken over by Project Implementation Agency. 5 nos consultancy firms shortlisted for PMC services. Signed Aide Memoire amending Para 18 of the draft MoD has been shared by JICA. RFP has been issued to shortlist firms on 15th September, 2023. Post pre-proposal meeting, draft responses and Addendum submitted to JICA. JICA's concurrence on the Proposed Addendum is awaited. Project is proposed to be implemented in phases with 1 or 2 STP in 1st Phase. Priority STPs shall be finalized after on-boarding of PMC. | Approximately 2 years after sanctioning the DPR |
| 2   | Silsako, Guwahati         | 65.00MLD                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                 |
| 3   | Pachim Boragaon, Guwahati | 60.00MLD                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                 |
| 4   | Silchar                   | 2.00 MLD                            | Construction of 2 MLD STP cum 10 KLD FSTP and 11 km sewerage network at Silchar under AMRUT 2.0 DPR preparation under process.                                                                                                                                                                                                                                                                                                                                                                                                                              | Approximately 2 years after sanctioning the DPR |
| 5   | Dibrugarh                 | 7.00 MLD                            | DPR preparation of 7 MLD STP cum FSTP under AMRUT 2.0 is under process                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Approximately 2 years after sanctioning the DPR |
| 6   | Jorhat                    | 6.50 MLD                            | In the 1st phase under Used Water Component of SBM 2.0, DPR preparation for 6 nos. of STP cum FSTPs in Jorhat, Tezpur, Dhubri, Mangaldoi                                                                                                                                                                                                                                                                                                                                                                                                                    | Approximately 2 years after sanctioning the     |
| 7   | Tezpur                    | 6.00 MLD                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                 |

|                                                                                                                                                                                                                                                                                        |                         |                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| 8                                                                                                                                                                                                                                                                                      | Bongaigaon              | 8.50MLD                                                                                                                                                                                                                                                                                                                                             | FSTPs in Jorhat, Tezpur, Dhubri, Mangalguri, Bongaigaon and Tinsukia is completed. DPRs approved by MoHUA. RFP shared with respective ULBs for floating of NIT. Due to non availability of the adequate amount of land, the capacity of STP proposed earlier is reduced.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DPR                                               |
| 9                                                                                                                                                                                                                                                                                      | Dhubri                  | 4.00MLD                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                   |
| 10                                                                                                                                                                                                                                                                                     | Tinsukia                | 12.00MLD                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                   |
| 11                                                                                                                                                                                                                                                                                     | Mangaldoi               | 1.5MLD                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                   |
| N.B Under Phase 2 of SBM2.0 identification of STP location is done and CSAP submitted and approved for 6ULBs (Golaghat MB- 3 MLD, Nalbari MB-2.5 MLD, Mariani MB-1 MLD, Margherita MB-2.5 MLD, Sivasagar MB-3.5 MLD and Karimganj MB-3.6 MLD). DPR preparation under process.          |                         |                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                   |
| Under Phase 3 of SBM 2.0, Action plan approved by MoHUA for approval for construction of 31 nos of STP cum FSTP in 31 ULBs.                                                                                                                                                            |                         |                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                   |
| Details of FSTPs in the State (Septic Tank):<br>A total 32 stand-alone FSTP are under planning for implementation in 32 towns under 15th Finance Commission. 2 FSTP in Titabar MB (10 KLD) and Goalpara MB(7 KLD) are operational. The details of the FSTPs and status are as follows: |                         |                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                   |
| Sl. No.                                                                                                                                                                                                                                                                                | ULB Name                | Capacity of FSTP in KLD Decided by ULB                                                                                                                                                                                                                                                                                                              | Estimated Cost (INR, in lakhs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Status                                            |
| 1                                                                                                                                                                                                                                                                                      | Titabar MB              | 10                                                                                                                                                                                                                                                                                                                                                  | 45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Operational                                       |
| 2                                                                                                                                                                                                                                                                                      | Goalpara                | 7                                                                                                                                                                                                                                                                                                                                                   | 136                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Operational                                       |
| 3                                                                                                                                                                                                                                                                                      | Tinsukia M.B            | 20                                                                                                                                                                                                                                                                                                                                                  | 135                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Under various stages of construction              |
| 4                                                                                                                                                                                                                                                                                      | Golaghat M.B            | 10                                                                                                                                                                                                                                                                                                                                                  | 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                   |
| 5                                                                                                                                                                                                                                                                                      | N. Lakhimpur M.B        | 10                                                                                                                                                                                                                                                                                                                                                  | 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                   |
| 6                                                                                                                                                                                                                                                                                      | Dhemaji M.B             | 5                                                                                                                                                                                                                                                                                                                                                   | 90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                   |
| 7                                                                                                                                                                                                                                                                                      | Kokrajhar MB            | 10                                                                                                                                                                                                                                                                                                                                                  | 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                   |
| 8                                                                                                                                                                                                                                                                                      | Dibrugarh MB            | 20                                                                                                                                                                                                                                                                                                                                                  | 135                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                   |
| 9                                                                                                                                                                                                                                                                                      | Mariani MB              | 5                                                                                                                                                                                                                                                                                                                                                   | 90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                   |
| 10                                                                                                                                                                                                                                                                                     | B. Chariali MB          | 5                                                                                                                                                                                                                                                                                                                                                   | 162                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                   |
| 11                                                                                                                                                                                                                                                                                     | Diphu M.B.              | 10                                                                                                                                                                                                                                                                                                                                                  | 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                   |
| 12                                                                                                                                                                                                                                                                                     | Barpeta Rd. MB          | 10                                                                                                                                                                                                                                                                                                                                                  | 130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                   |
| 13                                                                                                                                                                                                                                                                                     | Rangia M.B              | 5                                                                                                                                                                                                                                                                                                                                                   | 90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                   |
| 14                                                                                                                                                                                                                                                                                     | Tezpur M.B              | 10                                                                                                                                                                                                                                                                                                                                                  | 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                   |
| 15                                                                                                                                                                                                                                                                                     | Bokakhat M.B            | 10                                                                                                                                                                                                                                                                                                                                                  | 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                   |
| 16                                                                                                                                                                                                                                                                                     | Digboi M.B              | 10                                                                                                                                                                                                                                                                                                                                                  | 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                   |
| 17                                                                                                                                                                                                                                                                                     | Kharupetia M.B.         | 10                                                                                                                                                                                                                                                                                                                                                  | 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                   |
| 18                                                                                                                                                                                                                                                                                     | Barpeta MB              | 5                                                                                                                                                                                                                                                                                                                                                   | 90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                   |
| 19                                                                                                                                                                                                                                                                                     | Bongaigaon MB           | 15                                                                                                                                                                                                                                                                                                                                                  | 120                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Agency selected other works in progress           |
| 20                                                                                                                                                                                                                                                                                     | Jorhat MB               | 15                                                                                                                                                                                                                                                                                                                                                  | 120                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                   |
| 21                                                                                                                                                                                                                                                                                     | Sivasagar M.B           | 10                                                                                                                                                                                                                                                                                                                                                  | 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                   |
| 22                                                                                                                                                                                                                                                                                     | GMC                     | 20                                                                                                                                                                                                                                                                                                                                                  | 360                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                   |
| 23                                                                                                                                                                                                                                                                                     | Nagaon MB               | 20                                                                                                                                                                                                                                                                                                                                                  | 360                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                   |
| 24                                                                                                                                                                                                                                                                                     | Silchar MB              | 20                                                                                                                                                                                                                                                                                                                                                  | 135                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                   |
| 25                                                                                                                                                                                                                                                                                     | Nalbari M.B             | 10                                                                                                                                                                                                                                                                                                                                                  | 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                   |
| 26                                                                                                                                                                                                                                                                                     | Karimganj M.B           | 5                                                                                                                                                                                                                                                                                                                                                   | 90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NIT finalised and are various stages of tendering |
| 27                                                                                                                                                                                                                                                                                     | N. Guwahati M.B         | 10                                                                                                                                                                                                                                                                                                                                                  | 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                   |
| 28                                                                                                                                                                                                                                                                                     | Dhekiajuli M.B.         | 10                                                                                                                                                                                                                                                                                                                                                  | 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                   |
| 29                                                                                                                                                                                                                                                                                     | Kajalgaon MB            | 10                                                                                                                                                                                                                                                                                                                                                  | 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                   |
| 30                                                                                                                                                                                                                                                                                     | Tangla M.B              | 5                                                                                                                                                                                                                                                                                                                                                   | 90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                   |
| 31                                                                                                                                                                                                                                                                                     | Simalguri MB            | 10                                                                                                                                                                                                                                                                                                                                                  | 184                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                   |
| 32                                                                                                                                                                                                                                                                                     | Rangapara M.B           | 10                                                                                                                                                                                                                                                                                                                                                  | 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                   |
|                                                                                                                                                                                                                                                                                        |                         |                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                   |
| 8                                                                                                                                                                                                                                                                                      | Kamalpur Beel (Kamrup)  | No STP is proposed but as proposed by PCBA, installation of mechanized aerator is suggested                                                                                                                                                                                                                                                         | Govt. has accorded Administrative Approval for an amount of Rs.322,43,339.00 for execution of the project vide Approved Number: AA/PRD_2022-23(1)_13 dated 20-09-2022. With due approval from the Govt., the Chic Engineer, PWD (B) Assam had been requested to execute the project vide this office letter No. CPRD/NGT/22/2020/Pt/555, dtd.31/10/2022. But, Govt. vide letter No. E-254290/5 dated 07/12/2022 has informed that Chief Engineer, PWD (B) is not willing to implement the project saying that it is not their usual nature of work. Also, as per instruction of the Govt. Assam Water Supply & Sewage Board Office at Ganeshguri, Guwahati was contacted regarding implementation of the Project. They are also not willing to accept the Project, as the Project site is not within their jurisdiction i.e. Urban Area. The matter has been informed to the Govt. vide this office Letter No.CPRD/NGT/22/2020/Pt/564 dtd. 31/12/2022 for further suggestion. Thereafter, as per the suggestion of the Govt. vide letter No. E254290/8 dtd. 19/01/2023, the matter regarding execution of the project was taken up with PCBA Vide this office Letter No. CPRD/NGT/22/2020/Pt/564 dtd. 08/02/12022. The PCBA has consented to execute the project vide their Letter No. WB/LAB-310/Pl-IV/22-23/8712544 dtd. 01/03/2023. Accordingly, Govt. is requested vide this office letter No. CPRD/NGT/22/2020/Pt/571 dated 31 /03/2023 to accord necessary approval so that PCBA could execute the project. Now, Govt. has given approval for execution of the project by PCBA vide letter No.E-254290/11 dtd. 27/04/2023. Since, as specified in the Administrative Approval of the project, NOC from Circle Officer, Kamalpur Revenue Circle is required for execution of the project. Therefore, the Deputy Commissioner, Kamrup is now requested to furnish NOC from Circle Officer, Kamalpur Revenue Circle vide this Office letter No. CPRD/NGT/2212020/Pt.I/573 dtd. 24/05/2023. Another reminder letter has been sent to the District Commissioner, Amingaon regarding the NOC vide letter no. 339/DFN329383 dated 17/09/2023. The reply is yet to be received. |                                                   |
| 9                                                                                                                                                                                                                                                                                      | Pagladia River, Nalbari | As per earlier report of PCBA, Pagladia river is to be omitted from the list of polluted rivers. However, PCBA later on has prepared a revised action plan in respect of Pagladia River stretch with remedial activities amounting to Rs.2.90 Crore. Polluted river stretch of Pagladia River i.e. Balikuch to Khudra Sankara falls in rural areas. | IIT Guwahati has submitted the revised DPR to P&RD Deptt on 14/10/2022 with an estimated amount of Rs.321.72 lakhs. PCBA has vetted the DPR and it is now sent to the Chief Engineer, PWD(B) for Technical Sanction vide letter dated 19.11.2022 by P&RD Deptt. which is yet to be received.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                   |

|                                                                                                                                                                                                        |                                                         |                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10                                                                                                                                                                                                     | Kharsang, Panchoi and other 17 polluted river stretches | As per latest MPR of PCBA, Kharsang, Panchoi and other 17 polluted water bodies are free from pollution at present. | Although MoU have been signed with the IIT, Guwahati for preparation of DPR for treatment of polluted water of Kharsang and Panchoi river as per resolution of the meeting of the Advisory cum Monitoring Committee for implementation of various projects relating to treatment of polluted river stretches/water bodies in different districts held on 15/06/2022, it is instructed to prepare the detailed action plan by the concerned Chief Executive Officers of Zilla Parishad/PDs, DRDAs with a view to protect the rivers from being polluted as per suggestions in the Action Plan of PCBA. Following action points are suggested in the meeting- (i) prepare a detail Action Plan as per suggestion in the Action Plan of PCBA. (ii) suggested for plantation scheme including Bambo plantation (iii) to make proper plan |
| CPRD, Assam has also been requested to communicate with IIT – Guwahati for furnishing of the estimated cost for preparation of DPR for remaining 17 nos. of polluted river stretches under priority V. |                                                         |                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

IV

**Details of Industrial Pollution:**

|                                                                                                                |           |
|----------------------------------------------------------------------------------------------------------------|-----------|
| No of industries in the catchment area of polluted stretches:                                                  | 309       |
| No. of water polluting industries in the catchment area of polluted stretches :                                | 309       |
| Quantity of effluent generated from the industries in the catchment area of polluted stretches in MLD:         | 14.29     |
| Quantity of Hazardous Sludge generated from the Industries in the catchment area of polluted stretches in TPD: | 27.63     |
| Number of industrial units in the catchment area of polluted stretches having ETPs:                            | 309       |
| Number of industrial units connected to CETP:                                                                  | Nil       |
| Number of Existing ETPs in the catchment area of polluted stretches                                            | 309       |
| Number and total capacity of ETPs (details of existing/under construction/proposed)                            | 30.70MLD  |
| Compliance status of the ETPs                                                                                  | complying |
| Number and total capacity of CETPs (details of existing/under construction/proposed)                           | Nil       |
| Status of compliance and operation of the CETPs                                                                | NA        |
| <b>Status of compliance and operation of the CETPs</b>                                                         | <b>NA</b> |

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

V

**Solid Waste Management :**

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Total number of Urban Local Bodies and their population                                                                                                                                                                                                         | GUWAHATI- 01 ULB & Population – 12 Lakhs<br>REST OF THE ULBs- 95 ULBs & Population- 24,46,576.<br><br>RLBs: 2197+34 (Block of 6th scheduled area)=2231<br>Population: 26807034 |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Current Municipal Solid Waste Generation                                                                                                                                                                                                                        | GUWAHATI- 550 TPD (tonnes per day)<br>REST OF THE ULBs- 698 TPD<br>Under P&RD Deptt - Insignificant                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 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 | <b>For Guwahati</b>                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                                                                                                                                                                                                                                                 | <b>Description</b>                                                                                                                                                             | <b>Remarks</b>                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                                                                                                                                                                                                                                                 | Waste to Energy (Tonnage and Power output)                                                                                                                                     | Biomethanation plant running at Chetribari: Capacity 5.0 TPD. Output-800 unit of power and 450KGs of manure.                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                                                                                                                                 | Compost Plants (Windrow, vermin, decentralized pit composting)                                                                                                                 | a) Organic Waste Converter, Capacity: 2.5 TPD(one No), Bhangagarh, Running.<br>b) A 150 TPD compost cum RDF Plant at Belortol started by GMC. The technology involved is to produce compost and Refuse Derived Fuel from the mixed waste. c) 74718.475 MT of Legacy waste has ben processed by M/S Zigma Global Environment Solution Pvt Ltd at Boragaon legacy dumpsite. 1571.58 MT of Legacy waste was processed in the month of August, 2023 |
|                                                                                                                                                                                                                                                                 | Biomethanation                                                                                                                                                                 | Biomethanation plant running at Chetribari: Capacity 5.0 TPD. Output-800 unit of power and 450KGs of manure.                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                                                                                                                                 | MRF                                                                                                                                                                            | MRF cum Refuse Transfer Station(RTS) is functioning at 1) Zoo Road, 2) Near GMCH Bhangagarh, 3) VIP Road, 4) Chatribari. MRF of 10 TPD capacity at Adabari is under                                                                                                                                                                                                                                                                             |

|                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                        | REST OF THE ULBs-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                                                        | Detail is attached at Annexure I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                                                        | Not installed in Rural areas till now.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap>20%)     | GUWAHATI- Gap is > 10%.<br>GMC :<br>1. 150 TPD compost cum RDF is to be utilized in two shifts to handle 300 TPD waste.<br>2. 60 TPD Bio methanation plant has been approved and will be setup to process wet waste.<br><br>REST OF THE ULBs-To bridge the gap between Installed Capacity and Current Utilization of processing facilities, all ULBs have prepared City Solid Waste Action plan under SBM 2.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| No. and capacity of C &D waste processing plants in TPD (existing, proposed and under construction)                    | GUWAHATI-100 TPD C&D processing plant is proposed in PPP mode. DPR is under finalization stageREST OF THE ULBs-Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source | <b>Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source:</b><br>3 Model Villages had been notified in each Zilla Parishad and districts under Sixth Schedule Areas where door to door collection is going on and also awareness campaigns are also being carried out. However, based on the reports received from the respective CEOs, it may be stated that the Solid Waste generation in rural areas is minimum and most of the waste generated are disposed in individual households.<br><br><b>Details of MSW treatment facilities proposed and under construction {no capacity, and technology):</b><br>a) Total Nos. of GPs: 2197<br>(b) MSW treatment facility proposed: 21970<br>(c) Nos. of site selected for MCF: 16035<br>(Including 6th Scheduled Area)<br>(d) Completed: 6286<br>(e) Under construction: 6506 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                                                        | <b>For Guwahati</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                                                        | <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Remarks</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                                        | Total no. of wards                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                        | No. of Wards having door to door collection service practicing segregation at source                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Door to door collection : 60 Wards.<br><br>• All wards practice segregation at source.<br>• The segregation of waste at source in the city is approximately 45%.<br>• GMC has engaged 60 Nos. of NGOs/ALFs for door-to-door collection of waste in 60 wards.<br>• These NGOs have been equipped with Auto Tippers to carry waste.61 compactor bins have been placed in different parts of the city for disposal of primary waste.<br>• The Divisional Engineers hold meetings with NGOs for better performance. Currently conservancy and Solid Waste from Roads are being collected in three shifts along with night conservancy drives.<br>• GMC has implemented 100% collection of waste at Model Ward no.48(Division V).<br>• Five new Model wards to be established in the remaining five Divisions of GMC<br>REST OF THE ULBs-<br><br>Total wards : 1083.<br>Door to door collection : 1076 wards<br>Source segregation: 504 wards. |
|                                                                                                                        | 3 Model Villages had been notified in each Zilla Parishad and districts under Sixth Schedule areas where door to door collection is going on and also awareness campaigns are also being carried out. However, based on the reports received from the respective CEOs, it may be stated that the Solid Waste generation in rural areas is minimum and most of the waste generated are disposed in individual households.                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Details of MSW treatment facilities proposed and under construction (no., capacity, and technology)                    | <b>For Guwahati</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                                                        | <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Remarks</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                                        | Biomethanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 60 TPD Bio-Methanation Plant Proposed at Adabari in City Solid Waste Action Plan (CSWAP) under SBM 2.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                        | Organic Waste Converter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

|                                                                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                                                                                                                                                 |  | <p>GUWAHATI-<br/>Biomethation: 60 TPD Bio-Methanation Plant Proposed at Adabari in City Solid Waste Action Plan (CSWAP) under SBM 2.0<br/>Organic Waste Converter: Nil</p> <p>Composting: A 150 TPD compost cum RDF Plant at Belortolis under construction<br/>Proposed:<br/>Three Modern RTS cum MRF are proposed in the following locations –<br/>o Adabari – 150 TPD waste handling capacity cum 100 TPD Material Recovery capacity. Bid completed and LOI issued. Work order to be issued pending formalities.<br/>o Old Jail Campus – 150 TPD waste handling capacity cum 100 TPD Material Recovery capacity. Work order has been issued.<br/>o Mathgharia – 75 TPD waste handling capacity cum 25 TPD Material Recovery capacity. Bid completed and LOI issued. Work order to be issued pending formalities. A RTS with capacity 25 TPD near Purobi Diary, Panjabari. DPR has been finalized. Bidding process to be started after obtaining</p> |  |
|                                                                                                                                                 |  | (a) Total nos. of GPs=2197 (b) MSW treatment facility proposed =21970 (C) Nos of site selected for MCF (including 6th Scheduled Area)=6221 (d) Completed =2955 (e) Under construction 2281                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills                                                                |  | <p>GUWAHATI-No uncontrolled garbage dumpsites and sanitary landfills<br/>Dumpsite : 1 no.<br/>One(01) Controlled dumpsite at Belortol with area of about 50 bighas, with 150 TPD waste processing plant being installed<br/>REST OF THE ULBs- At present there is no such landfill.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| No. and area (in acres) of legacy waste within 1 km buffer of both side of the rivers                                                           |  | <p>GUWAHATI- Pachim Boragaon<br/>REST OF THE ULBs- Nil<br/>Under P&amp;RD Deptt - Nil</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| 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>GUWAHATI-<br/>No of drains falling into the river: 39.<br/>43 garbage traps have been installed at various places. Another, 04 new garbage traps have been installed, out of which 03 traps have been installed at PIBCO point, Rukminigaon, Shanti Path and AG Office Road in Bahini River and the remaining 01 have been installed at Arya Nagar in Bharalu River.</p> <p>REST OF THE ULBs-<br/>Instructions were issued to all ULBs and data is under process of collection<br/>Under P&amp;RD Deptt- Lakhimpur ZP : 1 drain falls in Boginodi River, 6 drains fall in Ronganodi river, 9 drains falls in Dikrong river (No. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers: Nil)</p>                                                                                                                                                                                                    |  |

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

| ULB      | Total MSW Generation in TPD | Total MSW being processed | Existing MSW facilities                                            | Utilization capacity of the existing MSW | Proposed MSW facilities & completion timeline                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|-----------------------------|---------------------------|--------------------------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Guwahati | 550                         | 7.5                       | 1. Bio-methanation Plant<br>2. Organic Waste Converter             | 7.5                                      | 1. 150 TPD Compost cum RDF Plant is under construction – December, 2023 (owing to Monsoons).<br>2. Four Refuse Transfer Stations cum MRF – Work order has been issued for 01 RTS cum MRF at Old Jail, processing for issuance of work order for the two MRF cum RTS at Mathgharia and Adabari is ongoing. For Purabi Dairy, MRF cum RTS, proposal has been moved for obtaining AA<br>3. 60 TPD Bio-methanation plant proposed at Adabari in City Solid Waste Action Plan under SBM 2.0. SLTC approval received for the same and is under process. Final DPR has been submitted by Consultant and is under process.<br>4. 10 TPD Material Recovery Centre at Adabari under construction in association with HDFC Bank. |
| 95 nos   | 704                         | 368                       | Plant-67 Nos.<br>• Pit<br>Composting-55000 Nos.<br>• MRF- 144 Nos. | 918                                      | 3 nos. will be completed by end of December, 2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

\*Note: Segregated Waste is being collected only from 49% of the wards which leads to more Mixed Waste collection and hampering the maximum utilization of the existing processing facilities. On improvement of segregation of waste at source, the processing percentage will be increased.

|                                                                                         |                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Total Bio-medical generation:                                                           | 2195.98KG/day                                                                                                                                                                                                                                                                                |
| No. of Hospitals and Health Care Facilities in the catchment area of polluted stretches | 85                                                                                                                                                                                                                                                                                           |
| Status of Treatment Facility/CBWTF:                                                     | 2 Operational (CBWTF located at Panikhaiti, Guwahati which covers Kamrup, Kamrup (M), Nalbari, Baksa, Nagaon and Morigaon districts).<br>M/s Ksepya Environment Management Private Limited located at NH-31, Barpeta covers districts of Barpeta, Goalpara, Dhubri, Kokrajar and Bongaigaon. |

VII **Hazardous Waste Management :**

|                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Total Hazardous Waste generation in the catchment area of polluted stretches:            | 98.2 TPD (utilized, treated and disposed by the occupiers themselves)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| No. of Industries in the catchment area of polluted stretches generating Hazardous waste | 14nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Treatment Capacity of all TSDFs                                                          | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Avg. Quantity of Hazardous waste reaching the TSDFs and Treated                          | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Details of on-going or proposed TSDF                                                     | LOA has been issued to M/s Mumbai Waste Management Limited (unit of Re-Sustainability) for setting up of Integrated Waste Management Facility comprising of TSDF and CBWTF. Application for Consent to Establish (CTE) has been submitted by M/s MWML. <b>Presently most of the incinerable hazardous wastes are being sent to Dalmia Cement plant for co-incineration. Few industries have also installed captive SLF for disposal of hazardous waste. PCBA has also requested West Bengal PCB for disposal of Hazardous waste generated in Assam in the TSDF located at Haldia, West Bengal until the commissioning of TSDF in Assam.</b> |

VIII **Plastic Waste Management :**

|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Total Plastic Waste generation:                                            | Rest of ULBs- 49 TPD<br>GUWAHATI- 120TPD (estimated)                                                                                                                                                                                                                                                                                                                                                                                                            |
| Treatment/Measures adopted for reduction or management of plastic waste    | <b>For Guwahati</b><br>(i) Single use plastic has been banned in the city pursuant to orders of Govt.<br>(ii) Enforcement squads have been formed to enforce the ban and seizure of the single use plastic and for imposing penalties. Drives made by Deputy Commissioners /Collectors, GMC from time to time.<br>REST OF THE ULBs - Plastic wastes generated in ULBs are managed through Recyclers/rag pickers, MRFs, Cement Plants and construction of roads. |
| IX Details of Alternate Treatment Technology being adopted by the State/UT | <b>Guwahati:</b> Alternative technology is being studied by the Corporation.                                                                                                                                                                                                                                                                                                                                                                                    |

|                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| 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 Kamrup ZP, 1 drain falls in Kamalpur Beel</li> <li>◦ In Nalbari ZP, 1 drain falls in Pagladia River</li> <li>◦ In Lakhimpur ZP, 1 drain falls in Boginodi River, 6 drains falls in Ronganodi River and 9 drains falls in Dikrong River.</li> <li>◦ In Kamrup (M) ZP, Parashali Beel and the drain polluting this Beel is identified i.e. a drain from Jeng beel and a channel from Jagiroad contributing the pollution.</li> <li>◦ In Sivasagar ZP, Rs.8.56772 lakhs has been sanctioned for cleaning the Tengapukhuri Beel at GP level under MGNREGA (Rs.6.00 Lakhs and 14th FC (Rs.2.56772 Lakhs)</li> <li>◦ In Tinsukia ZP, action is initiated for Digboi river by Borbil GP taking scheme like "Excavation and cleaning of Digboi river under MGNREGA " and under 14th FC "Pavers Block Road cum Protection of Pather Basti for stopping the flow of water to the Paddy field.</li> </ul> |
| XI Details of Nodal Officer appointed by Chief Secretary in the State/UT                                                               | Principal Secretary to the Govt. of Assam, Environment & Forest Department                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

|                                                                                           |                                                                                                                                     |
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| XII Details of meeting carried under the Chairmanship Chief of Secretary in the State/UT: | The Chief Secretary, Assam has been regularly reviewing the Progress in the matter and expedite implementation of all Action Plans. |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|

|      |                                                                                                                                                |              |                                   |                                            |                                            |                                            |                                     |                                        |
|------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------|----------------------------------------|
| XIII | Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river: | Priority     | No. of stretches declared in 2018 | No. of stretches in 2019 (Jan to Dec 2019) | No. of stretches in 2020 (Jan to Dec 2020) | No. of stretches in 2021 (Jan to Dec 2021) | No. of stretches in (Jan –Dec 2022) | No. of stretches in Jan,2023-Sept,2023 |
|      |                                                                                                                                                | Priority I   | 3                                 | 5                                          | 3                                          | 1                                          | 1                                   | 1                                      |
|      |                                                                                                                                                | Priority II  | 1                                 | -                                          | 1                                          | 3                                          | 3                                   | 3                                      |
|      |                                                                                                                                                | Priority III | 4                                 | -                                          | 1                                          | 1                                          | 1                                   | 1                                      |
|      |                                                                                                                                                | Priority IV  | 3                                 | -                                          | -                                          | -                                          | -                                   | -                                      |
|      |                                                                                                                                                | Priority V   | 33                                | 11                                         | 1                                          | 4                                          | 4                                   | 4                                      |
|      |                                                                                                                                                | Not Polluted | -                                 | 28                                         | 38                                         | 35                                         | 35                                  | 35                                     |
|      |                                                                                                                                                | Total        | 44                                | 44                                         | 44                                         | 44                                         | 44                                  | 44                                     |

|       |                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       |                                                                                                       | (a) Cleaning and dredging activities as per the Action Plan has started in the Bharalu River and Silsako Beel.<br>(b) Detailed status of water quality of polluted river stretches in Assam (January,2023 to Septeber, 2023) is at <b>Annexure-IV</b><br>Action will be taken as per SBM 2.0 under DoH&UA.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| XIV   | Ground water regulation                                                                               | As per previous report                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| XV    | Good irrigation practices being adopted by the State:                                                 | As per previous report                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| XVI   | Rain Water Harvesting                                                                                 | Guwahati: Yes, made applicable as per Guwahati Building Bye-Laws 2014. These conditions are provided in Building permission wherever applicable as per Building Regulations of 2014.<br>REST OF THE ULBs :Action Plan and Guideline for Rain water harvesting were issued to ULBs.<br><br><ul style="list-style-type: none"> <li>3 nos. of ponds under Nagaon GP, under Tinsukia ZP are restored for multipurpose needs. These ponds are used for harvesting rain water for irrigation and agricultural needs and also for breeding fish.</li> <li>In Dibrugarh, rain water is being harvested through natural/artificial ponds.</li> <li>In other Zilla Parishads, it is proposed to take up of schemes under MGNREGA/ASEC/15th EC</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| XVII  | Demarcation of Floodplain and removal of illegal encroachments:                                       | <ul style="list-style-type: none"> <li>Guwahati:Flood plain has been demarcated.</li> <li>Illegal encroachments are being remedied by various organizations including GMC, GMDA etc.</li> <li>Action is under taken on unauthorized bridges and removal of encroachment by District Authority and GMC from time to time.Communication has been made to DC, Kamrup Metropolitan office to carry out eviction of encroachment for widening of the Bahini river at 17 locations and also to ensure the right way to remove the desilted material</li> <li>Removal of encroachment and demarcation along the Bahiniriver was undertaken.</li> <li>19 out of 25 bridges have been demolished or partially demolished as per the order of Hon'ble High Court.The Chairman, DDMA/ DC Kamrup (Metro) had issued orders for demolition of additional 06 bridges over the Bahini River and out which 04 bridges have already been demolished and the rest 02 are to be demolished as soon as possible.</li> <li>Planning branch, GMC surveyed 99 numbers of plots along the side of Bahiniriver. Notices served to all of these.</li> <li>Survey has been completed by respective Divisions for widening of BharaluriverandLakhimijann channel.</li> <li>Cleaning and de-silting of 05(five) major river channels: Bahini River, Bharalu</li> </ul> |
| XVIII | Maintaining minimum e-flow of river                                                                   | Encroachments have been removed on the banks of the River Bharalu for a stretch of 700metersstartingfrom Ulubari Nursery to Arya Nagar Point (Sarabhatti).Initiative for plantation and fencing has also been undertaken to ensure no encroachment in near future.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| XIX   | Plantation activities along the rivers:                                                               | <ul style="list-style-type: none"> <li>In Tinsukia ZP, different types of tree plantation are done in the GPs like Na-Sadiya, Nagaon, Amorpur and Shantipur GP areas. But only a few plantation are done along the river bank to protect the soil erosion under Sadiya Dev. Block and under Margherita Dev. Block in Jagun GP plantation scheme is taken under MGNREGA for both side of Kharsang river (Afforestation at Kharsang polluted river stretch, estimated amount:Rs.2,00,000/-).</li> <li>In Kamrup, 4 nos. of plantation schemes has got Administrative Approval under Kulshi River, 1 no. of plantation scheme has been started in Puthimari River, 2 nos. of Plantation Schemes have been started in Satpakhali GP, 1 no. at Amtola Ziakur GP and 1 at Sapartari GP under Rampur AP.</li> <li>In Nagaon ZP, Schemes for cleaning the Samaguri beel along with plantation is being taken up under MGNREGA,</li> <li>In Udalguri District, plantation work has been started in Panchnoi River under MGNREGA.</li> </ul> <p>Environment and Forest Department, Govt. of Assam planted trees along the Brahmaputra River in Guwahati City area. GMC will prepared an action plan in association with Forest Department</p>                                                                                                       |
| XX    | Development of biodiversity park:                                                                     | Parks are being improved through AMRUT and GMDA. Biodiversity Management Committee has been formed in all Zilla Parishads                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| XXI   | Reuse of Treated Water                                                                                | Action will be taken as per SBM 2.0 & AMRUT 2.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| XXII  | Model River being adopted by the State & Action Proposed for achieving the bathing quality standards: | The Govt. of Assam, Environment & Forest Department has adopted 'Bharalu river' as 'Model river' vide Notification No.FRM.171/2018/Pt/Vol-I/657 dated 02.03.2022.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| XXIII | Status of Preparation of Action Plan by the 13 Coastal States                                         | Not Applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

|      |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| XXIV | Regulation of Mining Activities in the State/UT:                                                                | Being done by Mines & Minerals Department                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| XXV  | Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring | <ul style="list-style-type: none"> <li>• PCBA has closed down the erring industries located in the catchment areas of the polluted river stretches.</li> </ul> <p>GUWAHATI-Action initiated and notices served, fines realized under the Guwahati Municipal Corporation Act, 1969 from time to time. Enforcement Branch, GMC has initiated drives in co-ordination with SPCB.</p> <p>Over Rs 60000 has been realized in fines and material over 5000 kgs have been seized.</p> <p>Further, fines for violation of norms like non-usage of Green Netting in under construction building etc have been realized from time to time.</p> <p>REST OF THE ULBs-</p> <ul style="list-style-type: none"> <li>• City level Task force are formed at ULB levels under the Chairmanship of Executive Officer of the Municipal Board and other members from various Departments.</li> <li>• District Level Task Force in every district of Assam has been formed for effective implementation of Plastic Waste Management Rules, 2016(PWMR 2016) and related Action Plan of Government of Assam for elimination of Single Use Plastics in mission mode under the chairmanship of the Deputy Commissioner.</li> </ul> |



Details of MSW facilities & MRF

| Sl. No. | MSW processing facility                   | Nos.  | Capacity (TPD) | Utilization (TPD) | Type of processing |
|---------|-------------------------------------------|-------|----------------|-------------------|--------------------|
| 1       | Centralized Processing Facilities         | 67    | 266            | 176               | Waste to Compost   |
| 2       | Decentralized/Vermi/Window/Pit Composting | 55000 | 222            | 40                | Waste to Compost   |
| 3       | Material Recovery Facility                | 144   | 430            | 152               | MRF                |

Note: Remarks on gap between installed Capacity and Waste Processed.

A) In regards with Utilized processing facilities, following are the details.

| Sl. No. | Name of the ULB | Wet Waste Generated | Wet Waste Processed | No. of Centralized Plant | Total Capacity of Centralized Plant | Utilization Percentage        |                              | Remarks |
|---------|-----------------|---------------------|---------------------|--------------------------|-------------------------------------|-------------------------------|------------------------------|---------|
|         |                 |                     |                     |                          |                                     | In respect of Waste Generated | In respect of Plant Capacity |         |
| 1       | Abhayapuri MB   | 1.9                 | 0.63                | 1                        | 2                                   | 33.16%                        | 31.50%                       |         |
| 2       | Bongaigaon MB   | 10.5                | 6                   | 4                        | 6                                   | 57.14%                        | 100.00%                      |         |
| 3       | Dibrugarh MB    | 35                  | 14                  | 1                        | 70                                  | 40.00%                        | 20.00%                       |         |
| 3       | Hailakandi MB   | 2.47                | 1.7                 | 3                        | 5                                   | 68.83%                        | 34.00%                       |         |
| 4       | Jorhat MB       | 15.8                | 1.4                 | 3                        | 16.5                                | 8.86%                         | 8.48%                        |         |
| 5       | Kokrajhar MB    | 6.96                | 5.62                | 2                        | 17.4                                | 80.75%                        | 32.30%                       |         |
| 6       | Morigaon MB     | 4                   | 2                   | 1                        | 0.5                                 | 50.00%                        | 400.00%                      |         |
| 7       | Palashbari MB   | 0.8                 | 0.55                | 1                        | 4                                   | 68.75%                        | 13.75%                       |         |
| 8       | Silchar MB      | 45                  | 18                  | 5                        | 42                                  | 40.00%                        | 42.86%                       |         |
| 9       | Sibsagar MB     | 9                   | 5                   | 1                        | 10                                  | 55.56%                        | 50.00%                       |         |
| 10      | Tezpur MB       | 13.44               | 8.3                 | 3                        | 51                                  | 61.76%                        | 16.27%                       |         |
| 11      | Tinsukia MB     | 24.55               | 15.4                | 4                        | 22.63                               | 62.73%                        | 68.05%                       |         |
| 12      | Titabar MB      | 1.1                 | 0.5                 | 1                        | 0.5                                 | 45.45%                        | 100.00%                      |         |
| TOTAL   |                 | 170.52              | 79.1                | 30                       | 247.53                              | 46.39%                        | 31.96%                       |         |

**N.B: 37 nos of Organic Waste Converters of capacity 0.5 TPD each, total capacity- 18.5 TPD are made operational in 29 ULBs for processing of wet waste** (attached as Annexure-II).

**B) Decentralized Plants:** 55000 nos. Total Capacity: 222 TPD Utilization: 39 TPD

As instructed by the National Mission Directorate of SBM (U) during V.Cs and Webinar, Mission Directorate of SBM (U), Assam has been concentrating and encouraging household backyard composting with different advertisements and publicities under IEC. Presently, there are 55000 nos. of such households' backyard composting with total intake capacity of 222 TPD. These Pits are designed for collection of 10 days' wet waste. It takes 10 days to complete 1 (one) cycle of Composting. As such, total treatment done per day is 39MT.

**C) Material Recovery Facility:** 144 nos. Total Capacity: 430 TPD. Utilization: 152 TPD, management/treatment of dry waste depends on quantity of daily collection of dry waste. At present, on an average 152 TPD of dry waste has been managed.

**Under Construction MSW facilities**  
in the ULBs of Assam

Annexure-III

| Sl. No. | MSW treatment facility | Nos. | Designed Capacity (TPD) | ULB Name     | Under Construction/ Proposed |
|---------|------------------------|------|-------------------------|--------------|------------------------------|
| 1       | Waste to Compost       | 2    | 1                       | Diphu M.B.   | Under Construction           |
| 2       | Waste to Compost       | 1    | 0.5                     | Haflong M.B. | Under Construction           |
| Total   |                        | 3    | 1.5                     |              |                              |

\*\*\*\*\*

Organic Waste Converters Operational

Annexure-II

| Sl. No. | Name of ULBs       | Quantity (Nos.) | Capacity | Status      |
|---------|--------------------|-----------------|----------|-------------|
| 1       | Barpeta MB         | 1               | 0.50     | Operational |
| 2       | Barpeta Rd. M.B.   | 1               | 0.50     | Operational |
| 3       | Bilasipara M.B.    | 1               | 0.50     | Operational |
| 4       | Chapar MB          | 1               | 0.50     | Operational |
| 5       | Dergaon MB         | 1               | 0.50     | Operational |
| 6       | Doomdooma M.B.     | 1               | 0.50     | Operational |
| 7       | Gauripur M.B.      | 1               | 0.50     | Operational |
| 8       | Goaipara M.B.      | 2               | 1.00     | Operational |
| 9       | Golaghat M.B.      | 1               | 0.50     | Operational |
| 10      | Jorhat M.B.        | 2               | 1.00     | Operational |
| 11      | Nagaon MB          | 3               | 1.50     | Operational |
| 12      | Rangia M.B.        | 1               | 0.50     | Operational |
| 13      | Sivasagar MB       | 2               | 1.00     | Operational |
| 14      | Dhubri MB          | 2               | 1.00     | Operational |
| 15      | Digboi M.B.        | 1               | 0.50     | Operational |
| 16      | Hojai MB           | 1               | 0.50     | Operational |
| 17      | Margherita M.B.    | 1               | 0.50     | Operational |
| 18      | Nalbari M.B.       | 1               | 0.50     | Operational |
| 19      | Lanka MB           | 1               | 0.50     | Operational |
| 20      | Bokajan MB         | 1               | 0.50     | Operational |
| 21      | Kajalgaon MB       | 1               | 0.50     | Operational |
| 22      | Moriani M.B.       | 1               | 0.50     | Operational |
| 23      | Silapathar MB      | 1               | 0.50     | Operational |
| 24      | Sonari MB          | 1               | 0.50     | Operational |
| 25      | Dhekiajuli MB      | 1               | 0.50     | Operational |
| 26      | Lumding MB         | 1               | 0.50     | Operational |
| 27      | North Lakhimpur MB | 2               | 1.00     | Operational |
| 28      | Mangaldoi MB       | 1               | 0.50     | Operational |
| 29      | Karimganj MB       | 2               | 1.00     | Operational |
| Total   |                    | 37              |          |             |



# REPLY SUBMITTED OF THE HOSPITAL/NURSING HOME REGARDING DETAILS OF STP AND SEWAGE DISPOSAL SYSTEM

| SL No | NAME OF HOSPITAL/NURSING HOME                                                                                     | Status of existing STP                                               | Year of Installation | Technology used in the STP                                                                           | Daily waste water generated | Capacity of STP  | % age of waste water treated in STP | % age of treated waste water recycled | % age of treated waste water disposed |
|-------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------------------------|-----------------------------|------------------|-------------------------------------|---------------------------------------|---------------------------------------|
| 1     | Apollo Hospital Guwahati Unit : International Hospital, Lotus Tower, G. S. Road, Guwahati                         | Yes                                                                  | 2019                 | Yes                                                                                                  | 0.05 MLD                    | 0.16 MLD         | 100%                                | NIL                                   | 100%                                  |
| 2     | M/s Guwahati Lions Eye Hospital, K. C. Choudhury Path, near K. C. Das Commerce College                            | Yes                                                                  | 2014                 |                                                                                                      |                             |                  |                                     |                                       |                                       |
| 3     | Satribari Christian Hospital, K. C. Road, Guwahati                                                                | Yes                                                                  | 2016                 | Yes                                                                                                  | 45000 liters/day            | 60000 liters/day | 100%                                | 10%                                   | 90%                                   |
| 4     | North Eastern Medical Research Institute Limited Brand Name : Arya Hospita,. A. M. Road, Rehabari, Guwahati       | Yes                                                                  | 2017                 | Yes                                                                                                  | 0.02 MLD                    | 0.04MLD          | 100%                                | NIL                                   | 100%                                  |
| 5     | Marwari Hospitals, Sati Jaimati Road, Athgaon, Guwahati                                                           | Yes                                                                  | 2018                 | Yes                                                                                                  | 50 KLD                      | 80 KLD           | 100%                                | 10%                                   | 90%                                   |
| 6     | Nemcare Institute & Research Centre and Super Speciality Hospital, GMCH Road, Bhangagarh                          | Yes                                                                  | 2016                 | Yes                                                                                                  | Average 80 KL               | 100 KL/day       | 100%                                | 100%                                  | NIL                                   |
| 7     | Kuntal Goswami Memorial Trust KGMT Multispeciality Hospital, Zoo Narengi Road, Opposite Gita Nagar Police Station | Plan to set up a proper Solid Waste Plant in Hospital in near future |                      |                                                                                                      |                             |                  |                                     |                                       |                                       |
| 8     | H. M. Hospital & Research Centre (P) Ltd, Hatigaon, Dispur, Guwahati - 6                                          | Yes                                                                  | 2018                 | Yes (MBBR)                                                                                           | 20 KLD                      | 20 KLD           | 99%                                 | 60%                                   | 40%                                   |
| 9     | Sarvodaya Health Care, Dr. J. C. Das Road, Kamarpatty, Panbazar, Guwahati - 1                                     | Yes                                                                  | 2018                 | Physical Treatment, Bactelological Anaerobic treatment for BOD-COD, PH treatment, Filtration process | 1000 Litres /day            | 2000 Litres/day  | 100%                                | 10%                                   | 90%                                   |

[illegible]



| SL No | NAME OF HOSPITAL/NURSING HOME                                                                                      | Status of existing STP                                                                                                                                                                                                                                                                                                     | Year of Installation | Technology used in the STP                                                                           | Daily waste water generated | Capacity of STP  | % age of waste water treated in STP | % age of treated waste water recycled | % age of treated waste water disposed |
|-------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------------------------|-----------------------------|------------------|-------------------------------------|---------------------------------------|---------------------------------------|
| 21    | Dispur Polyclinic & Hospitals Pvt. Ltd. Ganeshguri Chari, Guwahati - 781006                                        | Yes                                                                                                                                                                                                                                                                                                                        | 2020                 | MBBR                                                                                                 | 50 KLD                      | 50 KLD           | 99%                                 | 70%                                   | 30%                                   |
| 22    | Global Hospital of Surgery & Institute of Endo-Laparoscopy, Sijubari, Dargah Road, Hatigaon, Dispur, Guwahati - 38 | No STP for Medical Solid Waste but managing the Medical Solid waste by out sourcing with the company Fresh Air, a company authorized by Pollution Control Board of Assam. Other non medical solid waste is managed by out sourcing Saptarathi Welfare Society, an authorized society under Guwahati Municipal Corporation. |                      |                                                                                                      |                             |                  |                                     |                                       |                                       |
| 23    | Saint John's Hospital, GMC Road, Christian Basti, Dispur, Guwahati -                                               | Yes                                                                                                                                                                                                                                                                                                                        | 2018                 | Yes                                                                                                  | 12500 Litres/day            | 25000 Litres/day | 100%                                | 10%                                   | 90%                                   |
| 24    | Rahman Hospitals Pvt. Ltd., VIP Road, Sixmile, Guwahati - 22                                                       | Yes                                                                                                                                                                                                                                                                                                                        | 2017                 | MBBR                                                                                                 | 25 KLD                      | 40 KLD           | 99%                                 | 30%                                   | 70%                                   |
| 25    | Pratiksha Hospital, Barbari, Hengrabari, VIP Road, Guwahati - 781036                                               | Yes                                                                                                                                                                                                                                                                                                                        | 2018                 | MBBR (Moving bed bio reactor) Aerobic reactor Tank                                                   | 30 KLD                      | 40 KLD           | 100%                                | 33%                                   | 67%                                   |
| 26    | The Eyecare Center (Hospital), Gauhati Club, Hedayetpur Road, Guwahati - 3                                         | Yes                                                                                                                                                                                                                                                                                                                        | 2018                 | Physical Treatment, Bactelological Anaerobic treatment for BOD-COD, PH treatment, Filtration process | 2000 Litres/day             | 3000 Litres/day  | 100%                                | 10%                                   | 90%                                   |
| 27    | N. L. Medicare & Research Centre, 17 Sarvodaya Path, Bus stop ABC, G. S. Road, Guwahati                            | Yes                                                                                                                                                                                                                                                                                                                        | 2000                 | Physical Treatment, Bactelological Anaerobic treatment for BOD-COD                                   | 10 Litres                   | 1000 Litres/day  | 100%                                | None                                  | 100% after treatment                  |
| 28    | Wintrobe Hospital, G. N. B. Road, Ambari, Guwahati - 781001                                                        | Yes                                                                                                                                                                                                                                                                                                                        | 2019                 | as per BMW 2016 Rule                                                                                 | 0.12 MLD                    | 0.25 MLD         | 100%                                | 70%                                   | 30%                                   |
| 29    | GNRC Hospital, Sixmile, Guwahati                                                                                   | Yes                                                                                                                                                                                                                                                                                                                        | 2018                 | Moving Bed Bio Reactor process                                                                       | 0.036 MLD                   | 0.06 MLD         | 100%                                | 0%                                    | 100%                                  |
| 30    | Good Health Hospital Private Limited (a wholly owned subsidiary of GNRC Ltd, , G. S. Road, Dispur, Guwahati - 6    | Yes                                                                                                                                                                                                                                                                                                                        | 2020                 | Yes                                                                                                  | 0.01 MLD                    | 0.01 MLD         | 100%                                | 0%                                    | 100%                                  |
| 31    | GNRC Hospital, Dispur, Guwahati                                                                                    | Yes                                                                                                                                                                                                                                                                                                                        | 2019                 | MBBR                                                                                                 | 0.05 MLD                    | 0.07 MLD         | 100%                                | 0%                                    | 100%                                  |
| SL No | NAME OF HOSPITAL/NURSING HOME                                                                                      | Status of existing STP                                                                                                                                                                                                                                                                                                     | Year of Installation | Technology used in the STP                                                                           | Daily waste water generated | Capacity of STP  | % age of waste water treated in STP | % age of treated waste water recycled | % age of treated waste water disposed |

|    |                                                                                                                           |                                                                                            |      |                                                                                                                  |                 |                  |          |         |         |
|----|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------|------------------------------------------------------------------------------------------------------------------|-----------------|------------------|----------|---------|---------|
| 32 | City Heart Hospital, Rajgarh Road,<br>Guwahati 781007                                                                     | Yes                                                                                        | 2016 | Physical Treatment,<br>Bactelological Anaerobic<br>treatment for BOD-COD,<br>PH treatment, Filtration<br>process | 6500 Litres/day | 10000 Litres/day | 100%     | 10%     | 90%     |
| 33 | Midland Hospital, Shreenagar, Near<br>State Zoo, R. G. Baruah Road,<br>Guwahati                                           | Yes                                                                                        | 2017 | As per BMW 2016<br>Rule                                                                                          | 0.10 MLD        | 100% MLD         | 0.15 MLD | 70% MLD | 30% MLD |
| 34 | Sun Valley Diabetic Care &<br>Research Centre Private Limited,<br>Purbanchal Path, Mathura Nagar, G.<br>S. Road, Guwahati | Arranged to install the STP at the earliest time, the process of which is already started. |      |                                                                                                                  |                 |                  |          |         |         |
| 35 | Dr. Kalicharan Das Nursing Home<br>& Polyclinic, Kalapahar, Gopinath<br>Nagar, Guwahati - 16                              | Yes                                                                                        | 2017 | MBBR                                                                                                             | 10000 MLD       | 20000 MLD        | 99%      | 20%     | 80%     |
| 36 | Ayursundra Super Speciality<br>Hospital, Ahom Gaon, Garchuk,<br>Guwahati - 35                                             | Yes                                                                                        | 2016 | MBBR (Moving bed bio<br>reactor) Aerobic reactor<br>Tank                                                         | 150 KLD         | 200 KLD          | 100%     | 10%     | 90%     |
| 37 | Central Nursing Home, Survey,<br>Beltola, Guwahati - 28                                                                   | Yes                                                                                        | 2015 | As per BMW 2016<br>Rule                                                                                          | 0.14 MLD        | 0.45 MLD         | 100%     | 70%     | 30%     |
| 38 | Agile Hospitals Pvt. Ltd., Jayanagar<br>Chariali, Khanapara, Guwahati - 22                                                | Yes                                                                                        | 2018 | MBBR                                                                                                             | 60 KL           | 60 KL            | 100%     | N/A     | 100%    |

**Water quality Status of Polluted River stretches in Assam (Jan, 2023 to Sept, 2023)**

| Sl. No.      | Name of the River  | BOD (mg/l) |      | Current Priority |
|--------------|--------------------|------------|------|------------------|
|              |                    | Min        | Max  |                  |
| Priority I   |                    |            |      |                  |
| 1            | Bharalu river      | 30.8       | 37.9 | I                |
| 2            | Borsola beel       | 18.2       | 26.0 | II               |
| 3            | Silsako beel       | 10.6       | 19.2 | III              |
| Priority II  |                    |            |      |                  |
| 4            | Sorusala beel      | 16.8       | 25.8 | II               |
| Priority III |                    |            |      |                  |
| 5            | Kamalpur beel      | 21.0       | 26.2 | II               |
| 6            | Deepor beel        | 4.9        | 5.8  | V                |
| 7            | Digboi river       | 3.0        | 3.4  | V                |
| 8            | Panchnoi river     | 2.3        | 2.7  | To be delisted   |
| Priority IV  |                    |            |      |                  |
| 9            | Kharasang river    | 2.0        | 2.6  | To be delisted   |
| 10           | Brahmaputra River  | 2.0        | 2.8  | To be delisted   |
| 11           | Pagladia river     | 2.0        | 2.8  | To be delisted   |
| Priority V   |                    |            |      |                  |
| 12           | Buridihing river   | 2.0        | 2.7  | To be delisted   |
| 13           | Disang river       | 1.8        | 2.5  | To be delisted   |
| 14           | Borbeel            | 2.0        | 2.8  | To be delisted   |
| 15           | Gabharu river      | 2.1        | 2.5  | To be delisted   |
| 16           | Mora Bharali river | 3.1        | 3.2  | V                |
| 17           | Puthimari river    | 2.4        | 2.7  | To be delisted   |
| 18           | Baroi river        | 1.9        | 2.6  | To be delisted   |
| 19           | Jia Bharali river  | 2.0        | 2.5  | To be delisted   |
| 20           | Barak river        | 2.0        | 2.7  | To be delisted   |
| 21           | Sonai river        | 2.2        | 2.5  | To be delisted   |
| 22           | Malini beel        | 2.1        | 2.5  | To be delisted   |
| 23           | Bega river         | 3.1        | 3.4  | V                |



| Sl. No. | Name of the River  | BOD (mg/l) |     | Current Priority |
|---------|--------------------|------------|-----|------------------|
| 24      | Beki river         | 2.1        | 2.7 | To be delisted   |
| 25      | Bhogdoi river      | 2.0        | 2.5 | To be delisted   |
| 26      | Jhanji river       | 2.1        | 2.6 | To be delisted   |
| 27      | Boginadi river     | 2.0        | 2.4 | To be delisted   |
| 28      | Dikrong river      | 1.8        | 2.6 | To be delisted   |
| 29      | Ranganadi river    | 2.0        | 2.6 | To be delisted   |
| 30      | Dhansiri river     | 2.0        | 2.6 | To be delisted   |
| 31      | Kohora river       | 2.0        | 2.4 | To be delisted   |
| 32      | Dikhow river       | 1.8        | 2.5 | To be delisted   |
| 33      | Sankosh river      | 2.0        | 2.3 | To be delisted   |
| 34      | Bordoibum Beelmukh | 2.0        | 2.6 | To be delisted   |
| 35      | Holudunga beel     | 2.0        | 2.5 | To be delisted   |
| 36      | Diplai beel        | 2.0        | 2.5 | To be delisted   |
| 37      | Samaguri beel      | 2.0        | 2.5 | To be delisted   |
| 38      | Kolong river       | 2.0        | 2.4 | To be delisted   |
| 39      | Killing river      | 1.9        | 2.5 | To be delisted   |
| 40      | Kapili river       | 2.1        | 2.5 | To be delisted   |
| 41      | Son Beel           | 2.0        | 2.6 | To be delisted   |
| 42      | Tengapukhuri       | 2.3        | 2.5 | To be delisted   |
| 43      | Parashali beel     | 2.0        | 2.7 | To be delisted   |
| 44      | Kulsi river        | 2.3        | 2.7 | To be delisted   |