

National Mission for Clean Ganga

Format for Submission of Monthly Progress Report by States/Uts
For the State of Assam/UT

(Hon'ble NGT in the matter of OA No.673/2018 dated 24.09.2020)

Overall Status of the State:

| | | |
|----|---------------------------------------|---|
| I | Total Population | |
| | Urban Population and Rural Population | Total Population of 95 ULBs : 24,46,576 Total Population of Guwahati: 12 Lakhs (Approx) Total Population (Rural) : 26807034 (As per Census 2011) Total Rural Population under polluted river stretches : 1,60,86,948 (provisional) |
| II | Estimated Sewage Generation (MLD) | 824.07 KLD (Kamalpur Beel- 192 KLD + Puthimari River -322 KLD + Kulshi River - 310.07 KLD) 134.53 MLD in 2021 (For Guwahati) |

III Details of Sewage Treatment Plant:

| | |
|---|-----------------|
| Existing no of STPs and Treatment Capacity (in MLD) : | Nil |
| Capacity Utilization of existing STPs: | N/A |
| MLD of sewage being treated through Alternate Technology: | N/A |
| Gap in Treatment Capacity in MLD: | 100% (Guwahati) |
| No of Operational STPs: | N/A |
| No of Complying STPs: | N/A |
| No of Non-complying STPs: | N/A |

Details of each existing STP in the State

| No. | Location | Existing STP Capacity | Operational Status of | 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 | Silsako Beel | 65 MLD | Govt. of Assam has forwarded the DPR to the Ministry of Housing & Urban Affairs for onward submission to CPHEEO for approval (For Guwahati) | 2025 |
| 2 | Back side of Nepali Mandir (near Borsola Beel) | 62 MLD | | |
| 3 | Gorchuk | 16 MLD | | |
| 4 | Lokhra | 44 MLD | | |
| 5 | 3 Locations for Faecal Sludge & Septage Treatment Plant (100m2) each | 90 KLD (in Total) | | |

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 | (i)Jorhat MB, (ii)Tezpur MB (iii)Mangaldoi MB | 2.00 MLD (each) | Accord of Administrative Approval against the DPR submitted by Assam Urban Water Supply & Sewerage Board (AUWS&SB) is sought from the Finance Department | Approximately 2 years after sanctioning the DPR |
| 2 | Nagaon MB | 2.00 MLD | After receiving the Administrative Approval from the Govt., AUWS&SB had issued Short-e-procurement Notice/Invitation of Bid for IFB No 01 of 2021-22 which was floated on 05.05.2021 for execution. But no bidder has participated due to lockdown on COVID-19 pandemic. Again, retender has been floated which will be received upto 22.07.2021 | Approximately 2 years after allotment the DPR |
| 3 | Silchar | 2.00 MLD | The consultant submitted the DPR of STP for Silchar to AUWS&SB which will be received by the Govt. shortly | Approximately 2 years after sanctioning the DPR |
| 2 | Kamalpur Beel (Kamrup) | No STP is proposed but as proposed by PCBA, installation of mechanized aerator is suggested | Indian Institute of Technology, Guwahati (IIT - G) has submitted the DPR for setting up of the mechanized aerator at Kamalpur Beel. The DPR is sent to the PCBA for their vetting and necessary suggestion/comments, if any. PCBA has made a few suggestions on the proposed DPR. Steps are now being taken for according the Administrative Approval for inviting of NIT for execution of work. | |

| | | | | |
|---|-------------------------|---|--|----|
| 3 | Pagladia River, Nalbari | As per earlier report of PCBA, Pagladia river is to be omitted from the list of polluted rivers. But no order has been received from NGT till now in this regard. 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. The length of the polluted stretch of Pagladia River is approximately 4 KM with an area of 16 Sq. km from Balikuchi to Khudra Sankara; falls in rural areas only. | IIT-Guwahati has submitted proposals with other terms and condition for preparation of DPRs for treatment of polluted river stretches of Pagladia river at the estimate of Rs.5.75 Lakhs, Kharsang river at the estimate of Rs.5.25 Lakhs, Panchnoi river at the estimate of Rs.4.00 Lakhs. The proposals are under consideration. However, during the meeting held at the Office of the Commissioner, Panchayat & Rural Development, Assam on 9th of June, 2021, the representative from PCBA informed that there is no need to prepare for DPR for the polluted stretches and advised the P & RD Deptt. to carrying out its activities like cleaning of the river body, plantation and solid waste and plastic waste management activities for restoration of the polluted stretches, as per the revised action plan. The P & RD Department vide letter No. PDA.135/2020/147 Dated: Dispur, the 17th June, 2021 had requested PCBA to inform whether the preparation of DPR in respect of the polluted stretches are required or not for taking up of the actions as suggested in the revised action plan of PCBA. | NA |
| 4 | Kharsang, Tinsukia | As per earlier report of PCBA, Kharsang, river is to be omitted from the list of polluted rivers. But no order has been received from NGT till now in this regard. However, PCBA later on has prepared a revised action plan in respect of Kharsang River stretch with remedial activities amounting to Rs.1.60 Crore. The length of the polluted stretch of Kharsang River is approximately 0.6 km with an area of 1.0 Sq. km . | PCBA on 29.06.2021 has advised the P & RD Department to treat river stretches as polluted until further orders from NGT and CPCB. PCBA has also informed that in the Pagladia river stretch, one major drainage outfall has been identified at Bhugabeel from Ghograpar area which may carry the untreated sewage along with the storm water into the river. Therefore DPR may be necessary in the Pagladia river stretch as in-situ treatment of drains by Bioremediation . Further, PCBA has also informed that DPR may not be necessary for Kharsang, Panchnoi and advised to carry out cleaning, plantation awareness generation among public and solid waste and plastic waste management in the polluted stretches. However, PCBA vide letter dated 29.06.2021 informed the P&RD Deptt. that DPR may be prepared for all the polluted river stretches of Assam. | |
| 5 | Panchnoi, Udalguri | As per earlier report of PCBA, Panchnoi river is to be omitted from the list of polluted rivers. But no order has been received from NGT till now in this regard. However, PCBA later on has prepared a revised action plan in respect of Panchnoi River stretch with remedial activities amounting to Rs.1.90 Crore. The length of the polluted stretch of Panchnoi River is approximately 1.5 KM with an area of 1.37 Sq. km. The stretch identified as polluted is from No.2 Saikia Chubri to Garubandha Khankhata B | Now the P&RD Deptt. initiate action for preparing DPR. The P&RD Department had also requested the concerned CEO to furnish the Action Taken Report in this regard through cleaning, plantation awareness generation among public and solid waste and plastic waste management in the polluted stretches. But the report is yet to be received by the Department. | |
| Details of proposed STPs in Guwahati (Total capacity of proposed STP : 157 MLD) | | | | |
| 1 | Nil | | | |

IV

Details of Industrial Pollution:

| | |
|--|--|
| No of industries in the State: | 227 (Operating units: 195, Units Closed Down: 28, Closed by own:4) |
| No. of water polluting industries in the State : | 182 |
| Quantity of effluent generated from the industries in MLD: | 22.663 MLD |
| Quantity of Hazardous Sludge generated from the Industries in TPD: | 7.9 TPD |
| Number of industrial units having ETPs: | 182 |
| Number of industrial units connected to CETP: | Nil |
| Number of Existing ETPs | 182 |
| Number and total capacity of ETPs (details of existing/under construction/proposed) | 40,296 MLD |
| 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 |

Status of compliance and operation of the CETPs

| 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 | 95 ULBs(excluding Guwahati MC) & Population: 24,46,576 No. of ULB=01 and Population=12 Lakhs (For Guwahati) RLB: 878 (Provisional) Population: 85, 75, 325(Provisional) | | | | |
| Current Municipal Solid Waste Generation | 603 TPD (Excluding Guwahati) 575 TPD (For Guwahati) 10.4TPD (Nagaon-1.02TPD, Udalguri-0.38TPD, Lakhimpur-1TPD, Sonitpur-8TPD) | | | | |
| 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 | For Guwahati | | | | |
| | Description | | Remarks | | |
| | Waste to Energy (Tonnage and Power output) | Biomethnation plant running at Chatribari: Capacity 5.0 TPD. Output 800 unit-Running | | | |
| | Compost Plants (Windrow, vermin, decentralized pit composting) | Organic Waste Converter, Capacity:2.5 TPD (one No.) | | | |
| | Biomethanation | Biomethnation plant running at Chatribari: Capacity 5.0 TPD. Output 800 unit-Running | | | |
| | MRF | Material Recovery Facility (MRF) is functioning at Zoo Road, near GMCH Bhangagarh and at VIP Road transfer station. Few more have been planned and will be constructed soon. | | | |
| | For Other 95 ULBs | | | | |
| | MSW processing facility | Nos. | Capacity (TPD) | Utilization (TPD) | Type of processing |
| | Centralized Processing Facilities | 27 | 315.5 | 170 | Waste to Compost |
| | Decentralized/Vermi/Windrow /Pit Composting | 59121 | 239 | 60 | Waste to Compost |
| Material Recovery Facility | 144 | 430 | 151 | MRF | |
| Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap>20%) | 41 ULBs have prepared Action plan to bridge the Gap. Gap is > 10% (For Guwahati) | | | | |
| No. and capacity of C &D waste processing plants in TPD (existing, proposed and under construction) | Construction and Demolition waste processing plant not installed, but recycling done by private operators. GMC has begun the process of registration of C&D waste recyclers. 4 nos. of Private Parties have been registered under GMC for recycling of C&D waste (For Guwahati) | | | | |
| Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source | Total Wards: 912 (excl. Guwahati MC) Door to door collection: 812 Wards Source Segregation: 381 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. As per report from concerned CEO, collection under Nalbari ZP has been done by NGOs. | | | | |
| | For Guwahati | | | | |
| | Description | | Remarks | | |
| | Total No. of wards | | 31 | | |
| No. of Wards having door to door collection service | | 31 | | | |
| No. of Wards practicing segregation at source | | 31 @ 40% to 70% efficiency. Currently 50% of waste is segregated at source. NGOs engaged in door to door collection and segregation of waste, 90 nos. of NGOs for the purpose. These NGOs have been equipped with Auto Trippers to carry waste. Meeting with NGOs held in the month of May, 2021 and instructions imparted by GMC. Further, the Divisional Engineers hold meeting with NGOs for better performance. An app on Swachta is being developed by GMC for having citizen feedback. | | | |
| For Guwahati | | | | | |
| Description | | Remarks | | | |
| Biomethanation | | Nil | | | |

Details of MSW treatment facilities proposed and under construction (no., capacity, and technology)

| Organic Waste Converter | | Nil | | |
|-------------------------|------|---|-----------------|-----------------------------|
| Composting | | RDF-Compost Plant has been proposed with capacity of treating 150 TPD waste per day in phase I, tender already floated on 5th May, 2021. Place: Sonaighuli. | | |
| Proposed | | Details is at Annexure-A | | |
| For other ULBs | | | | |
| MSW treatment facility | Nos. | Designed Capacity (TPD) | ULB Name | Under construction/proposed |
| Waste to compost | 1 | 100 | Dibrugarh MB | Under construction |
| Waste to compost | 1 | 15 | Jorhat MB | Under construction |
| Waste to compost | 1 | 0.5 | Barpeta MB | Proposed |
| Waste to compost | 1 | 0.5 | Barpeta Road MB | Proposed |
| Waste to compost | 1 | 0.5 | Bilasipara MB | Proposed |
| Waste to compost | 1 | 0.5 | Bokajan MB | Proposed |
| Waste to compost | 1 | 0.5 | Chapar MB | Proposed |
| Waste to compost | 1 | 0.5 | Dergaon MB | Proposed |
| Waste to compost | 1 | 0.5 | Dhekiajuli MB | Proposed |
| Waste to compost | 2 | 1 | Dhubri MB | Proposed |
| Waste to compost | 1 | 0.5 | Digboi MB | Proposed |
| Waste to compost | 2 | 1 | Diphu MB | Proposed |
| Waste to compost | 1 | 0.5 | Doomdooma MB | Proposed |
| Waste to compost | 1 | 0.5 | Gauripur MB | Proposed |
| Waste to compost | 2 | 1 | Goalpara MB | Proposed |
| Waste to compost | 1 | 0.5 | Golaghat MB | Proposed |
| Waste to compost | 1 | 0.5 | Haflong MB | Proposed |
| Waste to compost | 1 | 0.5 | Hojai MB | Proposed |
| Waste to compost | 1 | 0.5 | Kajalgaon MB | Proposed |
| Waste to compost | 2 | 1 | Karimganj MB | Proposed |
| Waste to compost | 1 | 0.5 | Lanka MB | Proposed |
| Waste to compost | 1 | 0.5 | Lumding MB | Proposed |
| Waste to compost | 1 | 0.5 | Mangaldoi MB | Proposed |
| Waste to compost | 1 | 0.5 | Margherita MB | Proposed |
| Waste to compost | 1 | 0.5 | Mariani MB | Proposed |

| | | | | | |
|---|--|----------------|-----|-----------------|----------|
| | Waste to compost | 2 | 1 | N. Lakhimpur MB | Proposed |
| | Waste to compost | 3 | 1.5 | Nagaon MB | Proposed |
| | Waste to compost | 1 | 0.5 | Nalbari MB | Proposed |
| | Waste to compost | 1 | 0.5 | Rangia MB | Proposed |
| | Waste to compost | 1 | 0.5 | Silapathar MB | Proposed |
| | Waste to compost | 2 | 1 | Sivsagar MB | Proposed |
| | Waste to compost | 1 | 0.5 | Sonari MB | Proposed |
| No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills | 12 Nos of ULBs are having uncontrolled garbage dumpsite. Govt. has taken steps for identification of land. For Guwahati: Dumpsite : 1 no. Area of Dumpsite : 121 Bighas or 16.19 Hectare at Village Paschim Boragaon. | | | | |
| No. and area (in acres) of legacy waste within 1 km buffer of both side of the rivers | 3(three) No's and 5.4 acres (area) of legacy waste. Instructions have been issued to Rangia MB, Dibrugarh MB and Raha MB for shifting of Dumpsite. | | | | |
| No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers | Instruction were issued to all ULBs and data is under process of collection. Lakhimpur ZP: 1 drain falls in Boginodi River 6 drains fall in Ronganodi River 9 drains fall in Dikrong River. These drains/canals are planned to clean and GP/Block are asked to submit proposal and plan & estimate to undertake works under MGNREGA. <u>Survey is going on in other Zilla Parishads</u> | | | | |
| | For Guwahati | | | | |
| | Description | Remarks | | | |
| | No. of drains falling into rivers | 39 nos. | | | |
| No. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers | 39 nos. of garbage traps on these have been installed at various places. | | | | |

Status of ULB wise Management of Solid Waste

| ULB | Total MSW generation in TPD | Total MSW being processed in TPD | Existing MSW facilities | Utilization capacity of the existing MSW facilities | Proposed MSW Facilities & Completion Timeline |
|---|-----------------------------|----------------------------------|---|---|--|
| Guwahati | 550 | 7.5 | 1. Bio-methanation plant 2. Organic Waste Converter | 7.5 TPD | |
| 95 nos. ULBs | 603 | 381 | *Centralized Plant-27 nos. *Pit composting 59121 nos. *MRF-144 nos. | 983.5 | 40 nos. will be completed within 6 months |
| For 95 ULBs : Segregated Waste is being collected only from 41% 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. | | | | | |
| All RLBs | | | Guidelines issued under XV FC | No MSW facilities | Guidelines issued for taking up such facilities under XV FC (tied) |

VI

Bio-medical Waste Management :

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|---|--------------------------|
| Total Bio-medical generation: | 1972.6 KG/day |
| No. of Hospitals and Health Care Facilities | 86 (07 HCFs closed down) |

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|--------------------------------------|--|
| Status of Treatment Facility/CBMWTF: | <p>1 Operational (1 CBWTF located at Panikhaiti, Guwahati which covers Kamrup, Kamrup(M), Nalbari, Baksa, Nagaon and Morigaon districts). The CBWTF is found to be complying with the standards. The CBWTF has also installed OCEMS and established bar code system for tracking movement of biomedical waste.</p> <p>4 additional CBWTFs were proposed by PCBA in the state of Assam in the following regions:</p> <ol style="list-style-type: none"> 1. Upper Assam region (preferably Dibrugarh) 2. North Bank Region (Preferably Sonitpur) 3. Barak valley region (Preferably Cachar) 4. Lower Assam region (Preferably Bongaigaon) <p>PCBA had floated EOI from qualified individuals/company and suitable bidders were selected for establishment of CBWTF in the above regions. However none of the selected bidders has initiated works for establishment of CBWTF instead of repeated reminders therefore it was decided that application for establishment of CBWTF in the above locations, if submitted by any other developer shall be considered by the Board</p> <p>A CBWTF is being proposed in Barpeta district in lower Assam region by a different developer. The proponent has already submitted applications for CTE and EC. Public hearing already conducted and EC is awaited from SEIAA</p> |
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VII Hazardous Waste Management :

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| Total Hazardous Waste generation: | 47.142TPD (Utilized, treated and disposed by the occupiers themselves) |
| No. of Industries generating Hazardous waste | 15 |
| Treatment Capacity of all TSDFs | Nil |
| Avg. Quantity of Hazardous waste reaching the TSDFs and Treated | Nil |
| Details of on-going or proposed TSDF | The land allotted for TSDF has been demarcated and handed over to PCBA by the Sivasagar District Administration. The revised contract agreements as per the land allotted has been issued to the shortlisted bidders. The scheduled last date for submission of proposals is 22/07/21. The evaluation of the proposals is expected to be completed within first week of August, 2021. Issue of LOA to selected bidder and signing of contract agreements is expected to be completed by August 2021. |

VIII Plastic Waste Management :

| Total Plastic Waste generation: | 38TPD (For 95 ULBs) For Guwahati-120 TPD | | | | | | | | | | |
|---|---|---------------------|--|-----|---|------|--|-------|--|------|---|
| Treatment/Measures adopted for reduction or management of plastic waste | <p>Plastic waste generated in ULBs are managed through Recyclers/rag pickers, MRFs Cement Plants and construction of roads.</p> <table border="1"> <tr> <th colspan="2" style="text-align: center;">For Guwahati</th> </tr> <tr> <td>(i)</td> <td>Single use plastic has been banned in the city.</td> </tr> <tr> <td>(ii)</td> <td>Enforcement squads have been formed to enforce the ban and seizure of the single use plastic and for imposing penalties.</td> </tr> <tr> <td>(iii)</td> <td>Registration of rag pickers collecting plastic, recycles of collected plastics, Recyclers of collected plastics are under process.</td> </tr> <tr> <td>(iv)</td> <td>NOC issued to a private party for collection and transportation of plastic waste from Guwahati on pilot basis for a period of one year.</td> </tr> </table> | For Guwahati | | (i) | Single use plastic has been banned in the city. | (ii) | Enforcement squads have been formed to enforce the ban and seizure of the single use plastic and for imposing penalties. | (iii) | Registration of rag pickers collecting plastic, recycles of collected plastics, Recyclers of collected plastics are under process. | (iv) | NOC issued to a private party for collection and transportation of plastic waste from Guwahati on pilot basis for a period of one year. |
| For Guwahati | | | | | | | | | | | |
| (i) | Single use plastic has been banned in the city. | | | | | | | | | | |
| (ii) | Enforcement squads have been formed to enforce the ban and seizure of the single use plastic and for imposing penalties. | | | | | | | | | | |
| (iii) | Registration of rag pickers collecting plastic, recycles of collected plastics, Recyclers of collected plastics are under process. | | | | | | | | | | |
| (iv) | NOC issued to a private party for collection and transportation of plastic waste from Guwahati on pilot basis for a period of one year. | | | | | | | | | | |

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| IX | Details of Alternate Treatment Technology being adopted by the State/UT | <ul style="list-style-type: none"> ◦ In Lakhimpur ZP, litter bin has been provided to collect plastic waste. Further, one plastic store house at each model village has been constructed to gather the plastic waste collected at the litter bin. ◦ In other Zilla Parishads, assessment is still going on. <p>Guidelines issued for constructing mini MCF in each place and Central MCF at GP level.</p> |
| X | Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment | <p>Instruction were issued to all ULBs and data is under process of collection</p> <p>In Kamrup ZP, 1 drain falls in Kamalpur Beel</p> <ul style="list-style-type: none"> ◦ In Nalbari ZP, 1 drain falls in Pagladia River ◦ In Lakhimpur ZP, 1 drain falls in Boginodi River, 6 drains falls in Ronganodi River and 9 drains falls in Dikrong River. These drains/canals are planned to clean and GP/ Block are asked to submit proposal and plan & estimate to undertake works under MGNREGA. ◦ 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. ◦ 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) ◦ 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. |
| XI | Details of Nodal Officer appointed by Chief Secretary in the State/UT | Principal Secretary to the Govt. of Assam, Environment & Forest Department |
| XII | Details of meeting carried under the Chairmanship Chief of Secretary in the State/UT: | The Chief Secretary, Assam has been regularly reviewing the matter. Last meeting was held on 18.11.2020 under the Chairmanship of Chief Secretary, Assam to review the Progress in the matter and expedite implementation of all Action Plans. Subsequently the matter was reviewed during a discussion held on 15.03.2021 with GDD, Revenue, Environment & Forest, PCBA, DC (M) Commissioner, GMC and CEO, GMDA. |

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| XIII | Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river: | Water Quality monitoring and analysis were not carried out due to Lockdown in the State. |
| XIV | Ground water regulation | <ul style="list-style-type: none"> ▪ As per CGWB report, the ground water of Kamrup ZP is fresh, potable and suitable for both domestic and irrigation purposes. In Kamrup, stage of ground water development is 43%. The district is still under safe category and sufficient resources are still available for future development. Iron removal plant should be installed to remove iron from ground water prior to human consumption. ▪ In Nalbari, Ground water regulation is under process. ▪ As per CGWB report, the ground water of Udalguri ZP is fresh, potable and suitable for both domestic and irrigation purposes. The ZP is still under safe category and sufficient resources are still available for future development. ▪ As per report of the CEO, Sivsagar ZP, sludge will be cleared once the water recesses. |
| XV | Good irrigation practices being adopted by the State: | <ul style="list-style-type: none"> ▪ In Tinsukia ZP, irrigation practices for agricultural purpose have been carried out in Hoolowgaon (Uttar Tupsingh) and Borjiya GP under Sadiya Dev Block. Agri Bandh and Ring Bandh are constructed for preventing excess flow of water to agricultural field. ▪ In Kamrup and Udalguri ZP, certain schemes such as Lift Irrigation Scheme (LIS), Flow Irrigation Scheme (FIS) and Deep Tube well (DTW) have been taken up by Irrigation Department in collaboration with Central Govt. ▪ Various Awareness programs has been taken up in other areas. |
| XVI | Rain Water Harvesting | <p>Action Plan and Guideline for Rain water harvesting were issued to ULBs.</p> <ul style="list-style-type: none"> ▪ 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. ▪ In Dibrugarh, rain water is being harvested through natural/artificial ponds. ▪ In other Zilla Parishads, proposals have been made for taking up of schemes under MGNREGA/ASFC/15th FC. |
| XVII | Demarcation of Floodplain and removal of illegal encroachments: | Not Applicable |
| XVIII | Maintaining minimum e-flow of river | Is being maintained in all polluted river stretches as per report received from the concerned Chief Executive Officers |
| XIX | Plantation activities along the rivers: | <ul style="list-style-type: none"> ▪ 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/-) ▪ In Kamrup,4nos.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. ▪ In Nagaon ZP, Schemes for cleaning the Samaguri beel along with plantation is being taken up under MGNREGA, ▪ In Udalguri District, plantation work has been started in Panchnoi River under MGNREGA. |
| XX | Development of biodiversity park: | <ul style="list-style-type: none"> ▪ Biodiversity Management Committee has been formed in all Zilla Parishads |
| XXI | Reuse of Treated Water | Being done as per report of the concerned CEO. |
| XXII | Model River being adopted by the State & Action Proposed for achieving the bathing quality standards: | Action is being initiated for adopting 'Digboi River' as Model River by the State. The river has a polluted stretch of 7.6km with an area of 11.7Sq.Km. and the stretch identified as polluted is from IOCL Oil town to the Lakhipathar Reserve Forest. |
| 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"> • Twenty two (22)industries that do not have ETPs and Consent to Operate have been closed down by PCBA. • Six (06)unit shaving ETPs but operating without Consent to Operate of the Board have also been closed down by PCBA. • Four (4) units have been closed down by their own <p>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.</p> <ul style="list-style-type: none"> ▪ In Kamrup and Udalguri ZPs, pollution and law violators are to be fined Rs.500/- |

ANNEXURE A

1. Integrated Solid Waste Management Plant

- An Integrated Solid Waste Management Plant has been planned to be established with a capacity to treat 300TPD waste in two phases with a capacity of 150TPD each. The site initially selected was at Sonaiguli. Tender has been published accordingly. Other two sites namely at Pachim Boragaon (HOUSEFED land) and Chandrapur are also under consideration.
- Guwahati Municipal Corporation has taken over the possession of land measuring 16 Bighas covered by dag no. 1076 in village Dakhingaon Sonaighuli, Guwahati for the purpose of “Construction of Compost and RDF Plant of 150 TPD (Mixed Municipal Solid Waste)”. Accordingly, Revenue & DM Department, Govt. of Assam approved advance possession of the land for Guwahati Municipal Corporation. Another plot of land measuring five Bighas near the land at Sonaighuli had already been handed over to Guwahati Municipal Corporation.
- The Guwahati Municipal Corporation published RFP on 5th May, 2021, in the Assam Government e-tendering site inviting bids for “Construction of Compost and RDF Plant of 150 TPD (Mixed Municipal Solid Waste) at Sonaighuli, Guwahati on EPC mode”. The last date for receipt of bids was 25th May, 2021. However, as no bidder participated in the tender, Re-tendering is under process.
- Under the initiative of Hon’ble Minister, Guwahati Development Department, GMDA had entered into an agreement with the Assam State Co-operative Housing Federation Ltd.(HOUSEFED) for transfer of a plot of land measuring 60 (Sixty) Bighas in village Pachim-Boragaon for establishment of one Solid Waste Management Plant at a cost of Rs. 54.20 lakh per Bigha. GIS Survey of the said land has already been conducted by Guwahati Municipal Corporation in co-ordination with DFO, Wildlife Division, Kamrup. As per the Report submitted by GMC, the proposed land does not fall under Eco-Sensitive Zone.
- With an aim to study good practices in Solid Waste Processing done by Amdavad Municipal Corporation in Gujarat, a team of officials comprising Addl. Chief Secretary, Guwahati Development Department and Commissioner, Guwahati Municipal Corporation visited Ahmedabad on 13/6/2021. The team interacted with officials of Amdavad Municipal Corporation in order to seek possibilities for replicating Solid Waste Management practices in Guwahati.
- A Memorandum of Agreement has been signed between Guwahati Municipal Corporation and Assam Power Generation Corporation Ltd (APGCL) wherein APGCL has conveyed its no-objection to the setting up an Integrated Waste Management Facility on 40 Bigha of land at the premises of the old Chandrapur Thermal Power Station of APGCL.

2. Decentralized Processing Plant:

- 2 (two) nos. of Decentralized Processing Plants are functioning, one at Chatribari with capacity of 5 Tonnes Per Day and another at Bhangagarh with capacity of 2.5 Tonnes Per Day. Guwahati Municipal Corporation is on the lookout for land to establish another two plants. The site earlier selected at Adabari (GMC’s own land) has been found not suitable due to proximity to the River Brahmaputra.

3. Removal of Old/Legacy Waste

- There are approximately 15 lakhs MT/legacy Waste accumulated at West Boragaon dump site till now.

As directed by the NGT, the Guwahati Municipal Corporation has already taken up the bio-remediation of the legacy waste accumulated at West Boragaon dump site. In this regard, Guwahati Development Department had issued an Administrative Approval to Guwahati Municipal Corporation for an amount of Rs.17250.00 Lakh on 30.06.2021 for Landfill Mining of Boragaon Dump site at Guwahati as per CPCB Guidelines for Legacy Waste Disposal 2019.

Preparation for floating of RFP by Guwahati Municipal Corporation is under process.

However, the bio-remediation work started by Guwahati Municipal Corporation from 12/01/2021 is continuing. Till now 1,74,500 MT of legacy waste has been bio mined and segregated

4. Discontinuation of Dumping at Boragaon Site :

- Transfer of Solid Waste has been started at the Chandrapur Site w.e.f 28th June, 2021 and dumping of Solid Waste has been stopped gradually at Pachim-Boragaon.