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)
II	Estimated Sewage Generation (MLD)	824.07 KLD (Kamalpur Beel– 192 KLD + Puthimari River –322 KLD + Kulshi River – 310.07 KLD) All ULBs- 809MLD in 2021

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% (Excluding RLBs)
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
Govt. of Assam has forwarded the DPR to the Ministry of Housing & Urban Affairs for approval. The DPR has already been sent to Ministry of Housng & Urban Affairs for onward submission to CPHEEO for approval. Presently the DPR is now at CPHEEO for examination (For Guwahati) List of ULBs : Nil				

Details of proposed STPs in the State

No.	**Location**	**Capacity of the STP proposed in MLD**	**Status of Project (at DPR Stage/Under Tendering/Work to be Awarded)**	**Likely Date of Completion**
1	(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., short e-procurement Notice/Invitation of Bid for IFB No 01 of 2021-22 was floated on 05.05.2021 for execution of STP. Due to lockdown on Covid-19 pandemic, the tender date was extended three times. And one bidder submitted the soft copy only without hard copy of the tender. Hence retender was floated on 09.07.2021 which was supposed to be opened the technical bid on 22.07.2021. Now Board has sought permission from the Govt. for opening of technical bid vide letter No.UWS (T)2528/2021/7/4309, dated 09.08.2021.Same is under process.	Approximately 2 years after allotment the DPR
3	Silchar	2.00 MLD	The consultant submitted the DPR of STP for Slichar 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. DPR was also sent to the Chief Engineer PWD(B) for Technical Sanction. But the the Chief Engineer, PWD(B) has returnd the DPR to revise the DPR as per SOR of CPWD (2021-22) schedules. Accordingly the matter was initiated to IIT, Guwahati and requested to revise the DPR and to submit the same within two weeks.	

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 a proposals with other terms and condition for preparation of DPR for treatment of polluted river stretch of Pagladia river at the estimate of Rs.5.75 Lakhs.P&RD Deptt vide letter dated 02.08.2021 has requested CPRD, Assam to take necessary action for preparation of DPR for Pagladia river stretch as per estimate submitted by IIT, Guwahati.	NA
	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 .	IIT-Guwahati has submitted a proposals with other terms and condition for preparation of DPR for treatment of polluted river stretch of Kharsang river at the estimate of Rs.5.25 Lakhs. P&RD Deptt vide letter dated 02.08.2021 has requested CPRD, Assam to take necessary action for preparation of DPR for Kharsang river stretch as per estimate submitted by IIT, Guwahati.	
	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	IIT-Guwahati has submitted a proposals with other terms and condition for preparation of DPR for treatment of polluted river stretch of Panchnoi river at the estimate of Rs.4.00 Lakhs. P&RD Deptt vide letter dated 02.08.2021 has requested CPRD, Assam to take necessary action for preparation of DPR for Panchnoi river stretch as per estimate submitted by IIT, Guwahati.	
Details of proposed STPs in Guwahati (Total capacity of proposed STP : 157 MLD)				
1	Silsakoo Beel	65MLD	The DPR is at advanced stage of approval	1. Execution of urgent works on Bharalu Pollution Abatement: March, 2022-June, 2025 2. Execution of other works. June, 2022-December, 2028
2	Back side of Nepali Mandir (Near Borsola Beel)	62 MLD		
3	Lokhra	60 MLD (as per revised)		
4	3 locations for Faecal Sludge & Septage Treatment Plant (100 m each)	90 KLD		

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	605 TPD (For 95 ULBs) 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 faclities 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.) Bhangagarh-Running
	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 : Details is at Annexure-I	
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. 3 nos. of Private Parties have been registered under GMC for recycling of C&D waste. Total C&D waste handled for the month of May, 2021 : 67.9 tons (For Guwahati) Rest of the ULBs : Nil	
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: 385Wards 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 50% efficiency. Currently 50% of waste is segregated at source. NGOs engaged in door to door collection and segregation of waste, 84 Nos. of NGOs engaged 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. Currently, conservancy and solid waste from road is collected in three shifts.

Details of MSW treatment facilities proposed and under construction (no., capacity, and technology)	**For Guwahati**				
	Description	**Remarks**			
	Biomethanation	As stated above			
	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 12th July, 2021. Lst date for receipt of tender was 30th July, 2021. Three Bids have been received. Technical evaluation of Bids being done.			
	Proposed	At present two sites are under consideration for estabslihment of Solid Waste Processing Plant viz., 1)at Chandrapur-Land measuring 40 Bighas as per MoU signed with Assam Power Generation Corporation Ltd. 2) Land of Housefed- Land measuring 54 Bighas which the GMDA has taken over. The land is situated in Paschim-Boragaon. The Environment & Forest Department has given clearance that the land does not fall under Ec-Sensitive Zone for the DeeporBeel.			
	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 PaschimBoragaon: The Guwahati Municipal Corporation has decided under instructions to close down the site. Transfer started to Chandrapur site with effect from 28th June, 2021. As on today, transfer is taking place at Chandrapur. New Landfill at Chandrapur started w.e.f. 28th June, 2021 and stored for processing for a plant.
No. and area (in acres) of legacy waste within 1 km buffer of both side of the rivers	For 95 ULBs: 3 (three)No's and 5.4 acres (area) of legacy Waste. Instructions have been issued to Rangia MB, Dibrugarh MB andRaha MB for shifting of Dumpsite. Guwahati : Nil
No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers	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 undertake works under MGNREGA. The Zilla Parishads are also instructed to take similar actions accordingly. Survey is going on in other Zilla Parishads Instruction were issued to all ULBs and data is under process of collection.

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 Managemnet 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	575	7.5	1. Bio-methanation plant 2. Organic Waste Converter	7.5 TPD	

95 nos. ULBs	603	383	*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	No data maintained	No data maintained	Guidelines issued under XV FC	No MSW facilities	Guidelines issued for taking up such facilities under XV FC (tied)

VI **Bio-medical Waste Management :**

Total Bio-medical generation:	1665.8 KG/day
No. of Hospitals and Health Care Facilities	86 (07 HCFs closed down
Status of Treatment Facility/CBMWTF:	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. The Bio-Medical waste generated in other districts are disposed through the captive treatment facilities available in some of the HCFs and through deep burial wherever treatment facilities are not accessible. 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.

VII **Hazardous Waste Management :**

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	Due to travel restrictions and quarantine rules imposed by the Govt. of Assam, the bidders had informed that physical submission of Bids might be not possible. Therefore, PCBA republished the notice inviting RFP in Assam e-tender portal to enable online submission of Bids. The scheduled last date for submission of bids was 02.08.2021. However only one bidder submitted RFP till the last date for submission of RFP. Since only single bid was received, the bid was not opened and the evaluation committee recommended for re-tendering. The re-tendering was published on 13.08.2021 and scheduled last date of submission of RFP is 21.08.2021. The date for opening of technical bid is 21.08.2021 and date for opening of finnacial bid is yet to be notified.

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	Plastic wastes generated in ULBs are managed through Recyclers/rag pickers,MRFs Cement Plants and construction of roads.
	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.

IX	Details of Alternate Treatment Technology being adopted by the State/UT	◦ 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. Guidelines issued for constructing mini MCF in each place and Central MCF at GP level.

<table>
<tr><td>X</td><td>Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment</td><td>Instruction were issued to all ULBs and data is under process of collection

In Kamrup ZP,1 drain falls in Kamalpur Beel
◦ In Nalbari ZP,1drain falls in Pagladia River
◦ In Lakhimpur ZP, 1drain 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.</td></tr>
<tr><td>XI</td><td>Details of Nodal Officer appointed by Chief Secretary in the State/UT</td><td>Principal Secretary to the Govt. of Assam, Environment & Forest Department</td></tr>
<tr><td>XII</td><td>Details of meeting carried under the Chairmanship Chief of Secretary in the State/UT:</td><td>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.</td></tr>
<tr><td>XIII</td><td>Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river:</td><td>
<table>
<tr><th>Priority</th><th>No. of stretches declared in 2018</th><th>No. of stretches in 2019 (Jan to Dec, 2019</th><th>No. of stretches in 2020 ((Jan to Dec, 2020)</th><th>No. of stretches in 2021 (jan to July)</th></tr>
<tr><td>Priority-I</td><td>3</td><td>5</td><td>3</td><td>1</td></tr>
<tr><td>Priority-II</td><td>1</td><td>-</td><td>1</td><td>3</td></tr>
<tr><td>Priority-III</td><td>4</td><td>-</td><td>1</td><td>1</td></tr>
<tr><td>Priority-IV</td><td>3</td><td>-</td><td>-</td><td>-</td></tr>
<tr><td>Priority-V</td><td>33</td><td>9</td><td>1</td><td>2</td></tr>
<tr><td>Not Polluted</td><td>_</td><td>30</td><td>38</td><td>37</td></tr>
<tr><td>Total</td><td>44</td><td>44</td><td>44</td><td>44</td></tr>
</table>
Detail status of water quality of polluted river stretches in Assam (January, 2021 to July, 2021) is at Annexure-II</td></tr>
<tr><td>XIV</td><td>Ground water regulation</td><td>▪ 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.</td></tr>
<tr><td>XV</td><td>Good irrigation practices being adopted by the State:</td><td>▪ In Tinsukia ZP, irrigation practices for agricultural purpose have been carried out in Hoolowgaon (Uttar Tupsingh) and Borjiya GP under Sadia 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.</td></tr>
<tr><td>XVI</td><td>Rain Water Harvesting</td><td>Action Plan and Guideline for Rain water harvesting were issued to ULBs.

▪ 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.</td></tr>
<tr><td>XVII</td><td>Demarcation of Floodplain and removal of illegal encroachments:</td><td>Not Applicable</td></tr>
<tr><td>XVIII</td><td>Maintaining minimum e-flow of river</td><td>Is being maintained in all polluted river stretches as per report received from the concerned Chief Executive Officers</td></tr>
</table>

XIX	Plantation activities along the rivers:	▪ 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:	• 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	• 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 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. ▪ In Kamrup and Udalguri ZPs, pollution and law violators are to be fined Rs.500/-

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Annexure I

Details of MSW facilities & MRF

Sl. No.	MSW processing facility	Nos.	Capacity (TPD)	Utilization (TPD)	Type of processing
1	Centralized Processing Facilities	27	315.5	170	Waste to Compost
2	Decentralized/Vermi/Windrow/ Pit Composting	59121	239	60	Waste to Compost
3	Material Recovery Facility	144	430	153	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	15	33.16%	4.20%	Currently the Centralized is under repair, 0.63 TPD is processed through Household Pit Composting.
2	Bongaigaon MB	10	9	4	30	90.00%	30.00%	
3	Hailakandi MB	1.5	1.2	1	0.5	80.00%	240.00%	
4	Jorhat MB	10.5	6.5	2	1	61.90%	650.00%	
5	Kokrajhar MB	6.68	4.72	2	18.64	70.66%	25.32%	
6	Morigaon MB	0.25	0.25	1	0.5	100.00%	50.00%	
7	Palashbari MB	0.6	0.3	1	0.5	50.00%	60.00%	
8	Silchar MB	23.6	20.17	5	67	85.47%	30.10%	
9	Sibsagar MB	8	4	1	10	50.00%	40.00%	
10	Tezpur MB	16.1	12	4	151	74.53%	7.95%	
11	Tinsukia MB	23.27	15	4	16.5	64.46%	90.91%	
12	Titabar MB	0.75	0.5	1	5	66.67%	10.00%	
		103.15	**74.27**	**27**	**315.64**	**72.00%**	**23.53%**	

B) **Decentralized Plants:** 59121 nos. Total Capacity: 239 TPD Utilization: 60 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 59121 nos. of such households' backyard composting with total intake capacity of 239 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 60MT.

C) **Material Recovery Facility (MRF)**: 144 nos. Total Capacity: 430 TPD. Utilization: 153 TPD, management/treatment of dry waste depends on quantity of daily collection of dry waste. At present, on an average 153 TPD of dry waste has been managed.

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ANNEXURE – II

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Water quality Status of Polluted River stretches in Assam (January, 2021 to July, 2021)

Sl. No.	Name of the River	BOD (mg/l)		Current Priority
		Min	Max	
Priority I				
1	Bharalu river	30.4	32.7	I
2	Borsola beel	24.4	26.2	II
3	Silsako beel	14.0	16.8	III
Priority II				
4	Sorusala beel	24.6	25.8	II
Priority III				
5	Kamalpur beel	26.1	28.2	II
6	Deepor beel	2.8	3.8	V
7	Digboi river	2.8	3.6	V
8	Panchnoi river	1.2	2.6	Not Polluted
Priority IV				
9	Kharasang river	2.0	2.3	Not Polluted
10	Brahmaputra River	2.0	2.8	Not Polluted
11	Pagladia river	1.6	2.4	Not Polluted
Priority V				
12	Buridihing river	1.8	2.8	Not Polluted
13	Disang river	1.6	2.7	Not Polluted
14	Borbeel	2.0	2.6	Not Polluted
15	Gabharu river	1.6	2.2	Not Polluted
16	Mora Bharali river	1.6	2.5	Not Polluted
17	Puthimari river	2.0	2.6	Not Polluted
18	Baroi river	1.6	2.2	Not Polluted
19	Jia Bharali river	1.6	2.2	Not Polluted
20	Barak river	2.0	2.2	Not Polluted
21	Sonai river	2.1	2.8	Not Polluted
22	Malini beel	2.3	2.8	Not Polluted
23	Bega river	2.2	2.8	Not Polluted
24	Beki river	2.0	2.6	Not Polluted

25	Bhogdoi river	1.8	2.4	Not Polluted
26	Jhanji river	1.4	2.0	Not Polluted
27	Boginadi near	1.0	2.0	Not Polluted
28	Dikrong river	1.4	1.9	Not Polluted
29	Ranganadi river	1.4	2.1	Not Polluted
30	Dhansiri river	1.8	2.4	Not Polluted
31	Kohora river	1.4	1.8	Not Polluted
32	Dikhow river	1.4	2.0	Not Polluted
33	Sankosh river	1.8	2.6	Not Polluted
34	Bordoibum Beelmukh	2.0	2.4	Not Polluted
35	Holudunga beel	2.0	2.4	Not Polluted
36	Diplai beel	2.0	2.6	Not Polluted
37	Samaguri beel	2.0	2.2	Not Polluted
38	Kolong river	1.8	2.5	Not Polluted
39	Killing river	1.2	2.1	Not Polluted
40	Kapili river	2.2	2.6	Not Polluted
41	Son Beel	2.2	2.4	Not Polluted
42	Tengapukhuri	1.8	2.2	Not Polluted
43	Parashali beel	2.2	2.7	Not Polluted
44	Kulsi river	2.0	2.8	Not Polluted

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

- **Twenty two (22) industries that do not have ETPs and Consent to Operate have been closed down by PCBA.**
- **Six (06) units having 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.**