

GOVERNMENT OF ASSAM
DEPARTMENT OF HOUSING & URBAN AFFAIRS
DISPUR::GUWAHATI-6.

Email : uddepartmentma@gmail.com

Ecf no.231204/2025/230
on e-sign)

Dated Dispur, (As

From : Dr. Jeevan B, IAS
Secretary to the Govt. of Assam
Department of Housing & Urban Affairs

To : The Commissioner & Secretary to the Govt. of Assam
Environment, Forest and Climate Change Department
Dispur, Guwahati-06

Sub : Submission of Monthly Progress Report (MPR) in compliance
of the order of Hon'ble NGT O.A.673/2018 (News item
published in 'The Hindu' Authored by Jacob Koshy Titled "More
River Stretches Are Now Critically Polluted: CPCB")

Ref : This Department's letter No.231204/201 dated: 11.06.2025

Sir,

I am directed to submit herewith the Monthly Progress Report (MPR) pertaining to this Department for the month of July,2025 in compliance of Hon'ble NGT O.A.673/2018 for onward submission to National Mission for Clean Ganga (NMCG), Ministry of Jal Shakti, Govt. of India.

It may be stated that Central Monitoring Committee (CMC) Meeting for NGT matter, held on 19th August 2025, has asked that the Monthly Progress Reports for the State of Assam shall be submitted periodically to Ministry of Jal Shakti, Govt. of India, and the last such report was submitted in July 2024.

In this regard, the MPRs are being regularly submitted to Environment, Forest and Climate Change Department, being the Nodal Department and the last MPR was submitted on 11.06.2025.

You are therefore, requested to kindly take necessary action to submit the MPRs to the Ministry of Jal Shakti, for record/discussion in the CMC regularly.

Enclo: As stated.

Yours faithfully,

Digitally signed by
JEEVAN BASAVARAJAPPA

Date: 05-10-2025

Secretary to the Govt. of Assam
Department of Housing & Urban Affairs

Memo No. 231204/2025/230

Dated Dispur, the 15-09-2025

Copy to:

1. The Member Secretary, Assam Pollution Control Board, Bamunimaidam, Guwahati-05 for kind information and necessary action.
2. The P.S to the Special Chief Secretary to the Govt. of Assam, Environment, Forest and Climate Change Department for kind appraisal of the Special Chief Secretary.
3. The P.S. to the Commissioner & Secretary to the Govt. of Assam, Department of Housing & Urban Affairs for kind appraisal of the Commissioner & Secretary.

By Order etc.,

E-Signed

Secretary to the Govt. of

Assam

Department of Housing & urban

Affairs

National Mission for Clean Ganga

Format for Submission of Monthly Progress Report by States/UTs

For the State of Assam

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

REPORT FOR MONTH OF JULY, 2025

Overall Status of the State:

Total Urban Population	GUWAHATI- 12.00 Lakhs (Approx) REST OF THE ULBs- 24,46,576
Estimated Sewage Generation (MLD)	All ULBs- 435.53 MLD

Details of Sewage Treatment Plant:

No of polluted river stretches identified by CPCB in Assam- 9 nos, 7 in Urban area (5 remain in Guwahati)		
Existing no of STPs and Treatment Capacity (in MLD).	i)	2 MLD STP at Nagaon MB
	ii)	2 MLD STP at Borsola Beel, Guwahati
	iii)	7.59 MLD wastewater generated by hospitals/ hotels in Guwahati city are being treated in-situ
	iv)	15 MLD of sewage is being bio remediated at Silsakoo Beel before release into Brahmaputra.
Capacity Utilization of existing STPs.	26.59 MLD	
MLD of sewage being treated through Alternate Technology.	i)	7.59 MLD waste water generated by hospitals/ hotels in Guwahati city are being treated in-situ (details at Annexure-I) and
	ii)	15 MLD of sewage is being bio remediated at Silsakoo Beel before release into Brahmaputra.
Gap in Treatment Capacity in MLD.	93.89 % (408.94 MLD)	
No of Operational STPs.	2(two)	
No of Complying STPs.	Guwahati- Proposed under JICA funded: (i) Silsakoo Beel(65MLD), (ii) Borsola Beel(62 MLD) and (iii) Paschim Boragaon(60 MLD) Under GMDA : Borsola Beel (2 MLD) operational Under GMC : 80 MLD treatment proposed through Bio-remediation at Bharalu, will be operational by 31 September 2025. Rest of the ULB- Under SOPD-Nagaon ((2MLD). Operational Under AMRUT 2.0- (i) 2 MLD STP cum FSTP and 11 km sewerage network at Silchar. (ii) 6 MLD STP cum FSTP at Dibrugarh. Under Phase-I of SBM 2.0 Construction undergoing for 6 STP cum FSTP in 6 ULBs namely-Bongaigaon MB (3 MLD), Dhubri MB (4 MLD), Tezpur MB (2 MLD), Jorhat MB (4 MLD), Tinsukia MB (4 MLD) and Mangaldai MB (2.5 MLD) Under phase- II of SBM 2.0 Construction of another 6 STP cum FSTP namely Mariani MB (1 MLD), Margherita MB (2.5 MLD),	

	Golaghat MB (3 MLD), Nalbari MB (2.5 MLD), Sivsagar MB (3.5 MLD) and Karimganj MB (3.6 MLD).(16 Under phase- III of SBM 2.0 Setting up of STPs in 31 ULBs are considered with a total capacity of 50.4 MLD. Under phase- IV of SBM 2.0 CSAP for 49 ULBs has been approved
No of non-complying STPs.	NA

Details of each existing STP in the State:

- 2 MLD STP at Nagoan MB **operational from August,2024**
- 2 MLD STP at Borsola Beel, Guwahati by GMDA **operational from January,2025.**

Details of under construction STPs in the State:

No.	Location	Capacity in MLD	Physical Progress	Status or house sewer conn.	Completion timeline
10 STPs with a total capacity of 26.30 MLD are under construction in the 10 ULBs, namely Bongaigaon (2 MLD), Tinsukia (4 MLD), Jorhat (4 MLD), Dhubri (4 MLD), Mangaldai (2.5 MLD), Mariani (1 MLD), Margherita (1.3 MLD), Nalbari (2.5 MLD), Sivasagar (3.5 MLD), and Golaghat (1.5 MLD) out of which Dhubri, Jorhat & Tinsukia STPs will be commissioned by January 2026 whereas, Bongaigaon, Mangaldai, Mariani, Margherita, Nalbari, Sivasagar and Golaghat STPs are expected to be commissioned and become operational by July 2026. Sorusula Beel: A CSR scheme amounting to Rs. 259.00 Lakh under ICICI bank for Bio-remediation measures for treatment of polluted water of Sarusola Beel has been commenced by GMDA 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.					

Details of proposed STPs in the State:

No	Location	Capacity of the proposed in MLD	Status of project (at DPR stage Under Tendering Work to be Awarded	Likely Date of Completion
1.	Borsola, Guwahati	62	1. Hon’ble Cabinet has accorded Administrative Approval for an Amount of INR 1460.37 Cr for 1 st Phase of the Project. As the said amount will not suffice for implemented of 3 STPs, the project will be implemented in phases. 2. Procurement Process for Selection of Project Management Consultant for JICA Assisted Guwahati Sewerage Project completed on 29.10.2024. 3. LiDAR based topographical survey works has been completed. Detail	Project to be Implemented in Phases. In Phase I, STP at Borsola shall be implemented. All 3 STPs are to be completed by 2030.
2	Silsako, Guwahati	65		
3	Pachim Boragaon Guwahati	60		

			design of the STPs and its allied network is ongoing. 4. Borsola STP and its allied network shall be taken in Phase-I.	
4	Bharalu	80 MLD	80 MLD treatment through Bio-remediation has been proposed under GMC at Bharalu.	LOA has been issued.
5	Silchar	2.00 MLD	Work order issued for 2 MLD STP cum 10 KLD FSTP and 11 km sewerage network at Silchar under AMRUT 2.0	July, 2027
6	Dibrugarh	6.00 MLD	LOA issued for 6 MLD STP cum FSTP under AMRUT 2.0 at Dibrugarh	July, 2027
7	Silchar, Dibrugarh and Nagaon	27.19 MLD	A total of additional 27.19 MLD capacity has been proposed under AMRUT 2.0 for Silchar, Dibrugarh and Nagaon	Approximately 2 years from issue of work order
8	For rest of the ULBs	152.25 MLD	Under SBM(U): 10 STPs with a total capacity of 26.30 MLD are under construction in the 10 ULBs, namely Bongaigaon (2 MLD), Tinsukia (4 MLD), Jorhat (4 MLD), Dhubri (4 MLD), Mangaldai (2.5 MLD), Mariani (1 MLD), Margherita (1.3 MLD), Nalbari (2.5 MLD), Sivasagar (3.5 MLD), and Golaghat (1.5 MLD) out of which Dhubri, Jorhat & Tinsukia STPs will be commissioned by January 2026 whereas, Bongaigaon, Mangaldai, Mariani, Margherita, Nalbari, Sivasagar and Golaghat STPs are expected to be commissioned and become operational by July 2026. DPR under preparation for another 14.5 MLD STP for Bongaigaon and Tinsukia. - DPRs for 6 STPs with a total capacity of 8.30 MLD in 6 ULBs, namely Dobaka (1 MLD), Gohpur (1 MLD), Naharkatia (1.7 MLD), Dhemaji (1.2 MLD), Lakhimpur (Goalpara) (1.7 MLD) and Kharupetia (1.7 MLD) have been approved, and work orders have been issued and construction work to begin shortly. - Work Order have been issued for 5 STPs with a total capacity of 10.5 MLD in 5 ULBs namely Barpeta (2.5 MLD), Bilasipara (3 MLD), Chapar (1.5 MLD), Dergaon (1.5 MLD) and Morigaon (2 MLD). - For another 7 STPs with a total capacity of 23.25 MLD in 7 ULBs namely, Haflong (2.5 MLD), Tezpur (7 MLD), North Lakhimpur (4 MLD), Goalpara (5 MLD), Digboi (1.5 MLD), Rangia (1.5 MLD) and Silapathar (1.75 MLD), tender have been floated.	January,2026 to July 2026 August,2026 to December 2026 December 2026 July 2027 DPR are under preparation. Tentatively by December 2027

			○ Furthermore, the City Sanitation Action Plan (CSAP) for 44 STPs in 44 ULBs with a total capacity of 67.90 MLD, each having population above 10,000, has been approved and DPRs are under preparation. ○ In addition, the STP for 20 nos of ULBs with a total capacity of 10.00 MLD with population less than 10,000, 6.00 KLD FSTP will be constructed along with consideration of Soak pit at all the outfall point of drain to cater the grey water of the respective ULBs. DPR for Barpathar ULB of 6.00 KLD Capacity FSTP has already been approved and work order also issued, and construction work to commence within a short period of time.	DPR are under preparation. Tentatively by December 2027
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Details of FSTPs in the State (Septic Tank):

A Total 32 FSTPs are taken up in Assam with capacity in total **337 KLD** . The work is taken up by the ULBs using 15th Finance Commission Tied Grants.

- **10 FSTPs** constructed in Goalpara (7 KLD), Titabar (10 KLD), Tinsukia (20 KLD), Mariani (5 KLD), North Lakhimpur (10 KLD), Kokrajhar (10 KLD), Guwahati (20 KLD), Rangia (10 KLD), Dhemaji (5 KLD) and Golaghat (10 KLD) are operational.
- Construction of **4 FSTPs** are completed and are ready for inauguration.
- Construction of another **9 FSTPs** with a total capacity of 105 KLD is in advanced stages, with inauguration expected in September 2025.
- Rest of the **9 ULBs** are completing their site works and at different stages of completion.
- For Guwahati, Guwahati Municipal Corporation has decided to enhance the current capacity 20 KLD Faecal Sludge Treatment Plant (FSTP) to 80 KLD by adding additional 60 KLD capacity using the current Geo tube technology. LoA has been issued in this regard. From July-2004 to June -2025 a total of 3726.00 KL Septage has been received at the plant.

Solid Waste Management:

Total number of Urban Local Bodies and their population.	GUWAHATI- 01 ULB & Population – 12 Lakhs REST OF THE ULBs- 95 ULBs & Population- 24,46,576
Current Municipal Solid Waste Generation.	GUWAHATI- 550 TPD (tonnes per day) REST OF THE ULBs- 794 TPD
Number, installed capacity and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing e.g.-Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), bio-methanation, MRF etc.	GUWAHATI- • Waste to Energy (Tonnage and Power output): a) Biomethanation plant running at Chatribari: Capacity 5.0 TPD. Output-800 unit of power and 450 kgs of manure.. • Compost Plants:(Windrow, vermin, decentralized pit composting : • Organic Waste Converter, Capacity: 2.5 TPD at Bhangagarh, Running. b) 150 TPD Compost cum RDF Plant at Belortol is operational and running in 2 shifts to handle 300 TPD waste. Total 53,076.68 Tonne of waste has been processed till July, 2025. c) 150 TPD waste handling capacity cum 100 TPD Material recovery capacity plant at Old Jail campus has been initiated on December, 2024 and to be fully operational by September, 2025 d) Biomining of Legacy waste at Boragaon: Guwahati Municipal Corporation (GMC) launched a comprehensive legacy waste treatment project for remediating the legacy waste at Boragaon. 11.27 Lakh Tonnes of Legacy waste has been processed till July,2025. 3. Biomethanation : As per sl.1(a) above. 4. MRF : Material Recovery Facility : a) 4 nos. of Refuse Transfer Station (RTS) cum MRF is functioning in Guwahati at 1) Zoo Road, 2) Near GMCH Bhangagarh, 3) VIP Road, 4) Chatribari b) 5 TPD MRF at Adabari constructed in GMC under HDFC’s CSR is operational REST OF THE ULBs- • 17 waste to compost cum MRF plants of total 561.5 TPD started operating in: Lakhimpur MB (125 TPD), Chapar MB (20 TPD), Nalbari MB (15 TPD) Dhekiajuli MB (35 TPD), Silapathar MB (10 TPD)), Barpathar & Sarupathar (14.5 TPD), Barpeta Road (30 TPD), Barpeta (30TPD), Doomdooma (50 TPD) and Margherita (50 TPD) Dergaon (20 TPD), Nagaon (70 TPD),Amguri (30TPD) Bokakhat (10 TPD) & Kokrajhar (13 TPD), Moriani (15 TPD) and Kharupetia(24 TPD). • Details of other existing SWM facilities in rest of the ULBs at Annexure-II
	GUWAHATI- Gap is > 10%.

Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap> 20%)	GMC : Modern RTS cum MRF are proposed in the following locations- • Adabari:150 TPD waste handling capacity cum 100 TPD Material Recovery capacity. Work order issued and work is in process. Due to some site related issues, the project is targeted to be completed by September,2025. • Old Jail Complex: 150 TPD waste handling capacity cum 100 TPD Material Recovery capacity. Plant Initiation has been done on 14th December 2024 and remaining civil work is scheduled to be completed by August,2025.. • Purabi Dairy Campus, Panjabari: Work started for 50 TPD RTS cum 15 TPD MRF at Panjabari. and scheduled to be operational by May ,2026. • 5 TPD MRF at Belortol is under Construction and to be Operational by May 2026. • MoU for construction and subsequent operation of 75 TPD CBG plant has been signed with Oil India Limited. However, currently Oil India Limited is planning to upgrade the construction from 75 TPD to 300 TPD Compressed Biogas (CBG) plant, a 20 bigha land parcel has been identified at Village No. 2, Kharghuli, within the Chandrapur Revenue Circle, following a joint inspection by Oil India and the Revenue Authority. Plant to be operational by early 2028 • 100 TPD RTS cum MRF at Basistha Chariali is proposed under CITIS 2.0 and to be operational under mid 2027. • 200 TPD Waste to Compost plant proposed under CITIS 2.0 and to be operational under mid 2027. REST OF THE ULBs- <u>Material Recovery Facility (MRF) & Waste to Compost Plant</u> Out of 95 ULBs: • 17 plants of total 561.5 TPD are already operational. • 31 Plants of total 1316.2 TPD in 31 ULBs are in different stages of construction. • NIT for construction of MRF in 22 ULBs floated. • For the remaining 25 ULBs, RFP is under preparation. <u>Waste to Compressed Bio-gas Plants:</u> Compressed Bio- Gas Plant of capacity of 125 each to be established in Tinsukia, Sivsagar, Jorhat, Silchar and Kamrup.
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No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction).	GUWAHATI- A C&D waste processing plant of capacity of 100 TPD is being proposed under CITIIS 2.0 at Amingaon 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.	GUWAHATI- Total Wards: 60. Door to door collection: 100% wards are practicing D2D collection • All wards practice segregation at source. • The segregation of waste at source in the city is approximately 45%. • GMC has engaged 60 nos. of NGOs/ALFs for D2D collection of waste in 60 wards. • These NGOs have been equipped with GPS enabled Auto Trippers to carry waste. 61 nos of compactor bins have been placed in different parts of the city for disposal of primary waste. • Technology based door to door collection of waste, with QR codes for each house hold being used to monitor daily collection status being installed in 10 wards under Guwahati MC.. • 120 nos of E-Tri cycles and 60 nos of Electric light Vehicles are being procured by Guwahati Municipal Corporation for smooth door to door collection of municipal waste. REST OF THE ULBs- Total wards : 1148. Door to door collection : 1128 wards Source segregation: 504 wards To improve the percentage of source segregation in the ULBs, the following steps are taken- • The 124 Nos of centralized pits created during the Model Wards campaign are maintained well by the ULBs. • In addition to the Auto Trippers distributed earlier, 18 nos of Skid Steer Loaders and 15 nos of Back Hoe Loaders are also procured and distributed among ULBs for management of Solid Waste. • GPS are being installed in waste collection vehicles to monitor the mobility of door to door collection in a few ULBs. • An NGO Midway Journey is conduction awareness on source segregation in Namghars, Parks etc. targeting the female members of each family. MOU between Guwahati Municipal Corporation and 12 schools have been done to promote segregation as well as awareness among students and parents. • An agency Urban Management Centre have conducted two days gap assessment on Solid Waste Management value chain in 15 pilot ULBs including Guwahati Municipal Corporation. Based on the gap Assessment City Centric action plan for SWM developed for each city. Capacity building trainings have been conducted to enhance the capacity of Elected Representatives, ULB functionaries and external agencies where practical

	demonstration on Route Mapping Exercise is also done. Technical support is also provided for retrofitting of waste collection vehicles, establishment of RRR Centres, on boarding of Bulk Waste Generators, enforcement of cleanliness drives including SUP ban drive and development of waste to wonder park. .
Details of MSW treatment facilities proposed and under construction (no, capacity and technology).	GMC: Modern RTS cum MRF are proposed in the following locations- • Adabari:150 TPD waste handling capacity cum 100 TPD Material Recovery capacity. Work order issued and work is in process. Due to some site related issues the project is targeted to be completed by September,2025. • Old Jail Complex: 150 TPD waste handling capacity cum 100 TPD Material Recovery capacity. Plant Initiation has been done on 14th December 2024 and remaining civil work is scheduled to be completed by August,2025.. • Purabi Dairy Campus, Panjabari: Work started for 50 TPD RTS cum 15 TPD MRF at Panjabari. and scheduled to be operational by May ,2026. • 5 TPD MRF at Belortol is under Construction and to be Operational by May 2026. • MoU for construction and subsequent operation of 75 TPD CBG plant has been signed with Oil India Limited. However, currently Oil India Limited is planning to upgrade the construction from 75 TPD to 300 TPD Compressed Biogas (CBG) plant, a 20 bigha land parcel has been identified at Village No. 2, Kharghuli, within the Chandrapur Revenue Circle, following a joint inspection by Oil India and the Revenue Authority. Plant to be operational under early 2008 • 100 TPD RTS cum MRF at Basistha Chariali is proposed under CITIS 2.0 and to be operational under mid 2027. • 200 TPD Waste to Compost plant proposed under CITIS 2.0 and to be operational under mid 2027. REST OF THE ULBs- <u>Material Recovery Facility (MRF) & Waste to Compost Plant</u> Out of 95 ULBs: • 17 plants of total 561.5 TPD are already operational. • 31 Plants of total 1316.2 TPD in 31 ULBs are in different stages of construction. • NIT for construction of MRF in 22 ULBs floated.

	- For the remaining 25 ULBs, RFP is under preparation. <u>Waste to Compressed Bio-gas Plants:</u> Compressed Bio- Gas Plant of capacity of 125 each to be established in Tinsukia, Sivsagar, Jorhat, Silchar and Kamrup.
No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills.	GUWAHATI- Dumpsite : 1 no. Controlled dumpsite at Belortol with area of about 50 bighas with 150 TPD Compost cum RDF Plant at Belortol. For Sanitary Landfill, Work Order for EIA(Environmental Impact Assessment) has been given. Work for same is in progress and post completion, DPR for Sanitary Landfill will be finalized. REST OF THE ULBs- At present there is no such landfill.
No. and area (in acres) of legacy waste within 1Km buffer of both sides of rivers.	GUWAHATI- Pachim Boragaon REST OF THE ULBs- Nil
No of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into rivers.	GUWAHATI- No of drains falling into the river: 39. 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. - To ensure improved water quality in the Pamohi River and reduce environmental impact from storm water diversion, a project of Bioremediation work for Storm Water Diversion under Asian Development Bank (ADB) funding is taken up and is likely to be completed in 2 years. REST OF THE ULBs- Instructions were issued to all ULBs and data is under process of collection

Status of ULB wise Management of Solid Waste.

ULB	Total MSW Generation in TPD	Total MSW being processed	Existing facilities MSW	Utilization capacity of the existing MSW	Proposed MSW facilities & completion timeline
Guwahati	550	408.5	5TPD Biomethanation plant running at Chatribari 2.5 TPD Organic Waste Converter, running at Bhangagarh.	317.5	Modern RTS cum MRF are proposed in the following locations- Adabari:150 TPD waste handling capacity cum 100 TPD Material Recovery capacity. Work order

		• 300 TPD Compost cum RDF Plant at Belortol operational. • 4 nos. of Refuse Transfer Station (RTS) cum MRF is functioning in Guwahati at 1) Zoo Road, 2) Near GMCH Bhangagarh, 3) VIP Road, 4) Chatribari • 10 TPD MRF at Adabari constructed in GMC under HDFC's CSR is operational		issued and work is in process. Due to some site related issues the project is targeted to be completed by September,2025. • Old Jail Complex: 150 TPD waste handling capacity cum 100 TPD Material Recovery capacity. Plant Initiation has been done on 14th December 2024 and remaining civil work is scheduled to be completed by August,2025.. • Purabi Dairy Campus, Panjabari: Work started for 50 TPD RTS cum 15 TPD MRF at Panjabari. and scheduled to be operational by May ,2026. • 5 TPD MRF at Belortol is under Construction and to be Operational by May 2026. • MoU for construction and subsequent operation of 75 TPD CBG plant has been signed with Oil India Limited. However, currently Oil India Limited is planning to upgrade the construction from 75 TPD to 300 TPD Compressed Biogas (CBG) plant, a 20 bigha land parcel has been identified at Village No. 2, Kharghuli, within the Chandrapur Revenue Circle, following a joint inspection by Oil India and the Revenue Authority. Plant to be operational under early 2008 • 100 TPD RTS cum MRF at Basistha Chariali is proposed under CITIS 2.0 and to be operational under mid 2027. • 200 TPD Waste to Compost plant proposed under CITIS 2.0 and to be operational under mid 2027.
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95 Nos.	779	447	- Centralized Plant-67 Nos. - Pit Composting- 55000 Nos. - MRF- 144 Nos. 4 nos of MRF of 170 TPD at N.Lakhimour, Nalbari, Silapathar and Chapar	1713 *	<u>Material Recovery Facility (MRF) & Waste to Compost Plant</u> 17 plants of total 561.5 TPD are already operational. 31 Plants of total 1316.2 TPD in 31 ULBs are under different stages of construction. - NIT for construction of MRF in 22 ULBs floated. - For the remaining 25 ULBs, RFP is under preparation. <u>Waste to Compressed Bio-gas Plants:</u> Compressed Bio- Gas Plant of capacity of 125 TPD each to be established in 4 Districts of Assam viz. Tinsukia, Sivsagar, Jorhat and Silchar
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***Note:** Segregated Waste is being collected only from 47% 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.

Bio- Medical Waste Management:

Total Bio-medical generation.	NA
No. of Hospitals and Health Care Facilities.	NA
Status of Treatment Facility/CBMWTF	NA

Hazardous Waste Management:

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

Plastic Waste Management:

	Total Plastic Waste generation.	GUWAHATI- 120TPD (Estimated) REST OF THE ULBs- 58 TPD
	Treatment/Measures adopted for reduction or management of plastic waste.	GUWAHATI- (i) Single use plastic has been banned in the city pursuant to orders of Govt. (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.. • REST OF THE ULBs- Plastic wastes generated in ULBs are managed through Recyclers/rag pickers, MRFs, Cement Plants and construction of roads. Awareness activities such as meetings, awareness camps in schools and colleges, ward sabhas, distribution of leaflets, awareness program through SHG members, mike announcements, installation of banners were carried

		out to urge the public for using less single use plastic items.
	Details of Alternate Treatment Technology being adopted by the State/UT	Guwahati: Alternative technology is being studied by the Corporation.
	Identification of polluting sources including drains contributing to river pollution and action as per NGT order on in-situ treatment.	To reduce environmental impact from storm water diversion and to ensure improved water quality of Pamohi River in Guwahati, a project of Bioremediation work for Storm Water Diversion under ADB funding is taken up and is likely to be completed in 2 years. -
	Details of Nodal Officer appointed by Chief Secretary in the State/UT.	NA
	Details of meetings carried under the chairmanship of Chief Secretary in the State/UT.	NA
	Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river.	Action will be taken as per SBM 2.0
	Ground water regulation.	Related to Central Ground Water Authority.
	Good irrigation practices being adopted by the State.	NA
	Rainwater 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. REST OF THE ULBs: Action Plan and Guideline for Rain water harvesting were issued to ULBs.
	Demarcation of Flood plain and removal of illegal encroachments.	• Guwahati: Flood plain has been demarcated. • Illegal encroachments are being remedied by various organizations including GMC, GMDA etc. • Action is undertaken 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 • Removal of encroachment and demarcation along the Bahini river was undertaken. • 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. • Planning branch, GMC surveyed 99 numbers of plots along the side of Bahini river. Notices served to all of these.

		• Survey has been completed by respective Divisions for widening of Bharalu river and Lakhimijann channel. • Cleaning and desilting of 143 drains have been taken up for the ensuing flood season. • Cleaning and de-silting of 05(five) major river channels: Bahini River, Bharalu River, MoraBharalu Channel, Lakhimijaan and Basistha river undertaken. Distillation of the rivers are under progress • Super sucker is being used for desilting and cleaning of 7 major road drains of Guwahati city
	Maintaining minimum e-flow of river.	Encroachments have been removed on the banks of the River Bharalu for a stretch of 700 meters starting from Ulubari Nursery to Arya Nagar Point (Sarabhatti). Initiative for plantation and fencing has also been undertaken to ensure no encroachment in near future.
	Plantation activities along the rivers.	Done
	Development of Biodiversity Park.	Parks are being improved through AMRUT and GMDA.
	Reuse of Treated Water	Action will be taken as per SBM 2.0 & AMRUT 2.0
	Model River being adopted by the State & Action proposed for achieving the bathing quality standards.	—
	Status of preparation of Action Plan by the 13 Coastal States.	—
	Regulation of Mining Activities in the State/UT	—
	Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring.	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. Further, fines for violation of norms like non-usage of Green Netting in under construction building etc have been realized from time to time. REST OF THE ULBs- • 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. • 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. • Fines are being charged against the violators from time to time.

INVENTORIZATIION OF SEWAGE TREATMENT PLANTS LOCATED IN GUWAHATI

SL. No.	Name	Capacity / Kilo Litre Per day	Address
1	Sun Syndicate	120 KLD	VIP Road
2	Subham Green	320 KLD	Lokhra
3	Subham Elite	200 KLD	Gandhibasti
4	Kiranshree Grand	50 KLD	New Airport Road, Mirzapur, Azara
5	Kiranshree Hotel and Resturant	5 KLD	Kumrapara, Guwahati
6	Hotel Shoolin Grand	30 KLD	Rukminigaon, G.S. Road
8	Ambika Bibah Bhawan	5 KLD	Zoo Road
9	Kamini Lodge	5 KLD	Ganeshguri
10	Woodland Bibah Bhawan	6 KLD	Ulubari
11	Bimala Bibah Bhawan	7 KLD	Jaynagar Chariali, Beltola Bazar
12	M/S Uttam Marriage Hall	4.5 KLD	Hatigaon Main Road
13	Gonggootri Lodge	5 KLD	G.S. Road, Sixmile
14	Arya Smart Living	50 KLD	Abhaypur, North Guwahati
15	N.F. Railway	50 KLD	Maligaon
16	Excel Care Hospital	120 KLD	Boragaon
17	Nemcare Hospital	80 KLD	Bhangagarh
18	NE Health City	120 KLD	Khanapara
19	GNRC Hospital	30 KLD	Sixmile
20	Apollo Hospital	60 KLD	Christianbasti
21	Dispur Hospital	25 KLD	Ganeshguri
22	Swagat Hospital	25 KLD	Maligaon
23	G.M.C.H.	800 KLD	Bhanagagrh
24	Ayusundra Hospital	70 KLD	Betkuchi
25	Rahman Hospital	80 KLD	Sixmile
26	Critical Care Hospital	50 KLD	Lokhra
27	Down Town Hospital	300 KLD	Dispur
28	Hayat Hospital	60 KLD	Lalganesh
29	Kalicharan Hospital	20 KLD	Serabbhatti
30	Red Cross Hospital	15 KLD	Chandmari
31	Arya Hospital	30 KLD	Rehabari
32	Pratiksha Day Care Centre	20 KLD	VIP Road, Barbari
33	Asclepius Hospital & Healthcare Pvt. Ltd.	110 KLD	Pachim Boragaon, Near Ganesh Temple
34	Marwari Hospital	80 KLD	Sati jaymoti Road, Athgaon
35	Chatribari Christian Hospital	40 KLD	Chatribari
36	GNRC Hospital	65 KLD	Super Market, Dispur
37	Sanjeevani Hospital	35 KLD	A.T. Road, Maligaon
38	Piya Exotica	600 kg/day	Kahilipara
39	Uttarayan Ville	1100 kg/day	Kahilipara
40	De-Core	40 KLD	Radhanagar
41	Altair	80 KLD	Kalapahar

Associate Planner
Guwahati Municipal Corporation
Guwahati

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	% 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%

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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	% age of treated waste water disposed
21	Dispur Polyclinic & Hospitals Pvt. Ltd.Ganeshguri Chariali, 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	% age of treated waste water disposed
32	City Heart Hospital, Rajgarh Road, Guwahati 781007	Yes	2016	Physical Treatment, Bactelological Anaerobic treatment for BOD-COD, PH treatment, Filtration process	6500 Litres/day	10000 Litres/day	100%	10%	90%
33	Midland Hospital, Shreenagar, Near State Zoo, R. G. Baruah Road, Guwahati	Yes	2017	As per BMW 2016 Rule	0.10 MLD	100% MLD	0.15 MLD	70% MLD	30% MLD
34	Sun Valley Diabetic Care & Research Centre Private Limited, Purbanchal Path, Mathura Nagar, G. S. Road, Guwahati	Arranged to install the STP at the earliest time, the process of which is already starte.							
35	Dr. Kalicharan Das Nursing Home & Polyclinic, Kalapahar, Gopinath Nagar, Guwahati - 16	Yes	2017	MBBR	10000 LD	20000 LD	99%	20%	80%
36	Ayursundra Super Speciality Hospital, Ahom Gaon, Garchuk, Guwahati - 35	Yes	2016	MBBR (Moving bed bio reactor) Aerobic reactor Tank	150 KLD	200 KLD	100%	10%	90%
37	Central Nursing Home, Survey, Beltola, Guwahati - 28	Yes	2015	As per BMW 2016 Rule	0.14 MLD	0.45 MLD	100%	70%	30%
38	Agile Hospitals Pvt. Ltd., Jayanagar Chariali, Khanapara, Guwahati - 22	Yes	2018	MBBR	60 KL	60 KL	100%	N/A	100%
39	Sri Sankaradeva Nethralaya, 96 Basistha Road, Guwahati - 781028	Active	2023	Bio Digester Anaerobic & Aerobic treatment	25 KLD	25 KLD	100%	50%	50%
40	Apollo Excelcare Hospital (A unit of Asclepius Hospitals and Health Care Pvt. Ltd. NH-37 Near Ganesh Mandir, Paschim Boragaon, Guwahati - 33	Under Modification	2017	Extended aeration system	100 KLD	120 KLD	Under Modification	Under Modification	Under Modification

REPLY SUBMITTED BY SHOPPING MALL REGARDING DETAILS OF STP UNDER GUWAHATI MUNICIPAL CORPORATION

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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	Goalpara 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		