National Mission for Clean Ganga

Format for Submission of Monthly Progress Report by States/UTs

For the State of Assam/UT (for the month of April, 2024)

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

Overall Status of the State: Assam

I.	**Total Population**	
	Urban Population and Rural Population	Total Population of Guwahati: 12 Lakhs (Approx) Total Population of rest of the ULBs : 24,46,576 Lakhs Total Population (Rural) : 26807034 (As per Census 2011)
II.	**Estimated Sewage Generation (MLD)**	All ULBs - 435.53 MLD + 1.7 MLD (generated by hospitals in Guwahati City) = 437.23 MLD
III.	**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) Process for construction of 18 STPs is in process.	
	Existing no of STPs and Treatment Capacity (in MLD) :	Details of STP/ETP installed at industrial units enclosed at Annexure-III
	Capacity Utilization of existing STPs:	Details of STP/ETP installed at industrial units enclosed at Annexure-III
	MLD of sewage being treated through Alternate Technology:	---
	Gap in Treatment Capacity in MLD:	98.29% (412.94 MLD)
	No of Operational STPs:	---
	No of Complying STPs:	
	No of Non-complying STPs:	

Details of each existing STP in the State

No.	Location	Existing STP Capacity	Operational Status of STP	Compliance Status of STP
There is no existing STP setup by Govt. of Assam				

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 beAwarded)	Likely Date of Completion
1. **Nagaon:** Construction work of 2 MLD STP is in progress. **Partial commissioning to be done after MCC is over.** 2. **BorsolaBeel:** Construction work of 2 MLD STP at Borsola started (60% work completed**). To be commissioned from October,2024** 3. **SorusulaBeel:** A CSR scheme amounting to Rs. 259.00 Lakh under ICICI bank has been taken upfor improvement of water quality of SorusulaBeel through Bio-remediation measures. 4. **SilsakooBeel:** Rejuvenation, Bioremediation and sustainable conservation works of SilsakooBeel has been started to increase retention capacity of the beel to at least 3.7 million cubic meter toact 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 STP proposed in MLD**	**Status of Project (at DPR Stage/Under Tendering/Work to be Awarded)**	**Likely Date of Completion**
1	Borsola, Guwahati	62.00 MLD	i. Aide Memoir was signed and issued by JICA on 7th August 2023 amending Para 18 of the Minutes of Discussion keeping provision of extension of loan agreement and additional loan. ii. RFP was issued to 5 shortlistedfirms on 15thSeptember 2023. Technical proposals of RFP for selectionof PMC were opened on 26th	Approximately 2 years after sanctioning the DPR
2	Silsako, Guwahati	65.00MLD		

3	PachimBoragaon, Guwahati	60.00MLD	December, 2023. Evaluation of proposals is under process. iii. Recruitment or Staff forthe Project (Engineers, Support Staff etc.) is inprocess. iv. Project is proposed to beimplemented in phases with 1 or 2 STP in 1st Phase. PrioritySTPs shall be finalized after on-boarding of PMC andPreparation of detailed designand diagram etc. by the on boarded PMC. v. Administrative approvalhas been accorded by Govt. of Assam for an amount of INR1460.37 Cr for 1st Phase of theProject on 7th January 2024.	
4	Silchar	2.00 MLD	SLTC, AMRUT approved Construction of 2 MLD STP cum10 KLD FSTP and 11 km sewerage network at Silchar. Tendering process to start after MCC.	Approximately 2 years after sanctioning the DPR
5	Dibrugarh	7.00 MLD	SLTC, AMRUT approved construction of 7 MLD STP cum FSTP under AMRUT 2.0. Tendering process to start after MCC.	Approximately 2 years after sanctioning the DPR
6	Jorhat	4.00 MLD	In the 1st phase under Used Water Component of SBM 2.0, Tenders has been initiated for 6 nos. of STP cum FST (19.5 MLD capacity) in 6 ULBs namely: Jorhat, Tezpur, Dhubri, Mangaldai, Bongaigaon and Tinsukia***(Due to non-availability of the adequate amount of land, the capacity of STP proposed earlier is reduced.)***	Approximately 2 years after sanctioning the DPR
7	Tezpur	2.00 MLD		
8	Bongaigaon	3.00MLD		
9	Dhubri	4.00MLD		
10	Tinsukia	4.00 MLD		
11	Mangaldai	2.5MLD		

N.B.:

Under Phase 2 of SBM2.0:

- 6 nos. of STP cum FST (16.1 MLD capacity) has been considered for 6 ULBs (Golaghat MB- 3 MLD, Nalbari MB-2.5 MLD, Mariani MB-1 MLD, Margherita MB-2.5 MLD, Sivasagar MB-3.5 MLD &Karimganj MB).
- DPRs prepared for 5 ULBs except Karimganj MB and in principal approval has been obtained in the SLTC.

Under Phase 3 of SBM2.0:

- 31 ULBs are considered with a total capacity of 50.4 MLD.
- DPRs are under preparation for 15 ULBs
- EOI has been floated for adopting low cost nature based technologies for the remaining 16 ULBs in EPC mode and bidding under evaluation process.

Under Phase 4 of SBM2.0 :

- City Sanitation Action Plan for the remaining 49 ULBs has been prepared in principal approval has been obtained in the SLTC.

Details of FSTPs in the State (Septic Tank)

A Total 32 FSTPs are taken up in Assam with capacity in total 337 KLD and project cost of Rs. 38 Cr. The status of 32 FSTPs are as follows:-

- 3 FSTP Projects at Goalpara MB (7KLD), Titabor MB(10KLD) and Tinsukia MB(20 KLD) are **completed and functioning.**
- 1 FSTP in Guwahati of capacity 20 KLD **to be commissioned after MCC is over.**
- Construction of another 6 FSTPs with a total capacity of 50 KLD are in advance stages inKokrajhar MB, Golaghat MB, N Lakhimpur MB, Dhemaji MB, Bokakhat MB and Mariani MB.
- The rest 22 FSTPs with capacity of 250 KLD is under various stages of construction.
- Coordination systems established with DMA, DOHUA and SBM(U) for regular status update fromtendering to implementation.
- 2 Nodal officers are nominated from 32 ULBs for regular monitoring and monthly reviewmeetings are conducted with technical agencies and ULBs.

Sl. No.	ULB Name	Capacity of FSTP in KLD Decided by ULB	Estimated Cost (INR, in lakhs)	Status
1	Titabar MB	10	45	Operational
2	Goalpara	7	136	Operational
3	Tinsukia M.B	20	135	Under various

4	Golaghat M.B	10	110	stages of construction
5	N. Lakhimpur M.B	10	110	
6	Dhemaji M.B	5	90	
7	Kokrajhar MB	10	110	
8	Dibrugarh MB	20	135	
9	Mariani MB	5	90	
10	B. Chariali MB	5	162	
11	Diphu M.B.	10	110	
12	Barpeta Rd. MB	10	130	
13	Rangia M.B	5	90	
14	Tezpur M.B	10	110	
15	Bokakhat M.B	10	110	
16	Digboi M.B	10	110	
17	Kharupetia M.B.	10	110	
18	Barpeta MB	5	90	
19	Bongaigaon MB	15	120	Agency selected other works in progress
20	Jorhat MB	15	120	
21	Sivasagar M.B	10	110	
22	GMC	20	360	
23	Nagaon MB	20	360	
24	Silchar MB	20	135	
25	Nalbari M.B	10	110	
26	Karimganj M.B	5	90	NIT finalised and are various stages of tendering
27	N. Guwahati M.B	10	110	
28	Dhekiajuli M.B.	10	110	
29	Kajalgaon MB	10	110	
30	Tangla M.B	5	90	
31	Simalguri MB	10	184	
32	Rangapara M.B	10	110	

Other Action Taken by the P&RD Department as per Action Plan of PCBA for compliance of NGT's OA NO. 673/2018

1	Kamalpur Beel (Kamrup)	No STP is proposed but as proposed by PCBA, installation of mechanized aerator is suggested	Govt. has accorded Administrative Approval for an amount of Rs.3,22,43,339.00 for execution of the project vide Approved Number: AA/PRD_2022-23(1)_13 dated 20-09-2022. With due approval from the Govt., the Chie Engineer, PWD (B) Assam had been requested to execute the project vide this office letter No. CPRD/NGT/22/2020/Pt./555, dtd.31/10/2022. But, Govt. vide letter No. E-254290/5 dated 07/12/2022 has informed that Chief Engineer, PWD (B) is not willing to implement the project saying that it is not their usual nature of work. Also, as per instruction of the Govt. Assam Water Supply & Sewage Board Office at Ganeshguri, Guwahati was contacted regarding implementation of the Project. They are also not willing to accept the Project, as the Project site is not within their jurisdiction i.e. Urban Area. The matter has been informed to the Govt. vide this office Letter No.CPRD/NGT/22/2020/Pt./564 dtd. 31/12/2022 for further suggestion. Thereafter, as per the suggestion of the Govt. vide letter No. E254290/8 dtd. 19/01/2023, the matter regarding execution of the project was taken up with PCBA Vide this office Letter No. CPRD/NGT/22/2020/Pt./564 dtd. 08/0212022. The PCBA has consented to execute the project vide their Letter No. WB/LAB-310/Pl-IV/22-23/8712544 dtd. 01/03/2023. Accordingly, Govt. is requested vide this office letter No.

			CPRD/NGT/22/2020/Pt/571 dated 31 /03/2023 to accord necessary approval so that PCBA could execute the project. Now, Govt. has given approval for execution of the project by PCBA vide letter No.E-254290/11 dtd. 27/04/2023. Since, as specified in the Administrative Approval of the project, NOC from Circle Officer, Kamalpur Revenue Circle is required for execution of the project. Therefore, the Deputy Commissioner, Kamrup is now requested to furnish NOC from Circle Officer, Kamalpur Revenue Circle vide this Office letter No. CPRD/NGT/2212020/Pt.I/573 dtd. 24/05/2023. Another reminder letter has been sent to the District Commissioner, Amingaon regarding the NOC vide letter no. E-339/DFN329383 dated 17/09/2023. The reply is yet to be received.
2	Pagladia River, Nalbari	As per earlier report of PCBA, Pagladia river is to be omitted from the list of polluted rivers. However, PCBA later on has prepared a revised action plan in respect of Pagladia River stretch with remedial activities amounting to Rs.2.90 Crore. Polluted river stretch of Pagladia River i.e. Balikuch to KhudraSankara falls in rural areas.	IIT Guwahati has submitted the revised DPR to P&RD Deptt on 14/10/2022 with an estimated amount of Rs.321.72 lakhs. PCBA has vetted the DPR and it is now sent to the Chief Engineer, PWD(B) for Technical Sanction vide letter dated 19.11.2022 by P&RD Deptt. which is yet to be received.
3	Kharsang, Panchoi and other 17 polluted river stretches	As per latest MPR of PCBA, Kharsang, Panchnoi and other 17 polluted water bodies are free from pollution at present.	Although MoU have been signed with the IIT, Guwahati for preparation of DPR for treatment of polluted water of Kharsang and Pancnoi river as per resolution of the meeting of the Advisory cum Monitoring Committee for implementation of various projects relating to treatment of polluted river stretches/water bodies in different districts held on 15/06/2022, it is instructed to prepare the detailed action plan by the concerned Chief Executive Officers of ZillaParishad/PDs, DRDAs with a view to protect the rivers from being polluted as per suggestions in the Action Plan of PCBA. Following action points are suggested in the meeting- (i) prepare a detail Action Plan as per suggestion in the Action Plan of PCBA. (ii) suggested for plantation scheme including Bamboo plantation (iii) to make proper plan for solid waste management under Finance Commission Grant in collaboration with PHE department (iv) holding of mass awareness programme on solid waste management (v) local Civil Society Organizations may be involved in implementation and awareness campaigning.
CPRD, Assam has also been requested to communicate with IIT – Guwahati for furnishing of the estimated cost for preparation of DPR for remaining 17 nos. of polluted river stretches under priority V.			

Details of Industrial Pollution:

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

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-** 739 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-** 1. **Waste to Energy (Tonnage and Power output):** Biomethanation plant running at Chatribari: Capacity 5.0 TPD. Output-800 unit of power and 450 kgs of manure. 2. **Compost Plants(Windrow, vermin, decentralized pit composting :** a) **Organic Waste Converter**, Capacity: 2.5 TPD (one No), Bhangagarh, Running. b) Construction of150 TPD **Compost cum RDF Plant** at Belortol started by GMC to be utilized in two shifts to handle 300 TPD waste. **The plant will be commissioned after MCC is over.** c) **Biomining of Legacy waste** at Boragaon: **5.8 Lakh MT**of legacy waste has been processed till January, 2024.70% of the RDF has been sent to Dalmia cement factory. **Biomethanation:** As per Sl.1 above. **MRF: Material Recovery Facility :** a) 4 nos. of Refuse Transfer Station (RTS) cum MRF is functioning in Guwahati at 1) Zoo Road, 2) Near GMCHBhangagarh, 3) VIP Road, 4) Chatribari. b) 1 MRF of 10 TPD capacity at Adabari, Guwahati is **now Operational.** c) 2 nos. of 150 TPD waste handling capacity cum 100 TPD Material Recovery capacity each at (i)Adabari and (ii) Old Jail Campus, Guwahati **are under construction and likely to be completed by October, 2024 and July, 2024 respectively.** d) **Work order issued**for setting up of75 TPD wastehandling capacity cum 25 TPD Material Recovery capacity at Mathgharia, Guwahati. e) Tendering done for the RTS with capacity 25 TPD near Purabi Dairy, Panjabari, Guwahati and under evaluation.

	REST OF THE ULBs- Measures are undertaken for filling up the gap of waste processing and emphasis was given Segregation of the Solid Waste at source, adequate composting /vermi composting/bio-methanation and development of Plastic waste and Construction & demolition processing plants. Solid Waste Management projects are approved by MoHUA for 95 ULBs of Assam. 42 ULBs were considered under **Tranche-I** and 53 ULBs are considered under **Tranche-II** of SBM 2.0. Whereas, 48 Numbers of SWM DPRs are approved byMoHUA and are under various stages oftendering. Out of total 48 Detailed Project Reports (DPRs) approved for a total capacity of 612 TPD(Dry +Wet), **21 work orders havealready been issued in Nagaon, Nalbari,Chapar, Kokrajhar, BarpetaRoad, Sarupathar-Borpahar, North Lakhimpur, Silchar, Silapathar, Tezpur, Dhekiajuli, Golaghat, Doomdooma, Kharupetia, Mangaldoi, Tinsukia, Digboi, North Guwahati, Hailakandi and Margherita with a capacity of 356.25 TPD(Wet) and 490.25 TPD(Dry)=846.5 TPD in total** andtenders have also been floated for another30 ULBs where work will start immediatelyafter the Model Code of Conduct is over.Apart from this, DPRs for 46 more ULBs fora total capacity of 462.6 TPD (Dry+Wet)have been shared with the ULBs and MoHUA for verification. Details of existing capacity of SWM processing is attached as Annexure-I. **Status of Legacy Waste Remediation:** Out of total of **33 Lakh MT** of Legacy Waste as observed in Assam by Hon'ble NGT in last hearing, **7.96 Lakh MT** Legacy Waste in GMC, Tinsukia, Jorhat North Lakhimpur MB, Doomdooma MB, Margherita MB and Mariani MB has been remediated and **67 bighas of landreclaimed**. A **progress of 24%** is attained since the last hearing of Hon'ble NGT. • **EIMC, DoNER**approved INR **70.52Cr** to remediate **8.3 Lakh MT** oflegacy waste in **39 ULBs.** Tendering tobegin shortly.
Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap> 20%)	**GUWAHATI-** Gap is > 10%. **GMC** : 1. Construction of 150 TPD **Compost cum RDF Plant** at Belortol started by GMC to be utilized in two shifts to handle 300 TPD waste. **The plant will becommissioned after MCC is over.** 2. 2 nos. of 150 TPD waste handling capacity cum 100TPD Material Recovery capacity each at (i)Adabari and(ii) Old Jail Campus, Guwahati are under constructionand **to be completed by October,2024 and July,2024respectively.** 3. **Work order issued** for setting up of75 TPD wastehandling capacity cum 25 TPD Material Recoverycapacity at Mathgharia, Guwahati. 4. **Tendering done** for 25 TPD RTS cum 10 TPD MRFat Purabi Dairy Campus 5. A MoU with OIL India Ltd has been signed forconstruction of **75 TPD Bio-Methanation**plant at Adabari. 6. MoU has been signed with OIL/NRL for developmentof **Compressed Bio Gas Plant (CBG)** by **GMC (75TPD**), **Sivsagar MB(60 TPD**) and **Tinsukia MB (50TPD**)and the same is in pipeline for **Jorhat (60TPD)** and**Silchar (60TPD).** This will be over and above thebackyard composting drive created in the ULBs **REST OF THE ULBs-** To bridge the gap between Installed Capacity and Current Utilization of processing facilities, all ULBs have prepared City Solid Waste Action plan under SBM 2.0
No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction).	**GUWAHATI-**A C&D waste processing plant of capacity of 100 TPD instead of 50 TPD is being conceptualized by GMC under CITIIS 2.0 **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:** Presently 98% wards are practicing D2D collection and 47% wards are doing source segregation. **REST OF THE ULBs-** Total wards: 1083.

	Door to door collection : 1065 wards Source segregation: 516 wards. To improve the percentage of source segregation. The following steps are also taken- a) The 124 Nos of centralized pits created during the Model Wards campaign are maintained well by the ULBs. b) 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. Further 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. c) GPS are being installed in waste collection vehicles to monitor the mobility of door to door collection in a few ULBs. d) 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. e) 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. f) 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).	**GUWAHATI-** • Construction of 150 TPD compost cum RDF Plant at Belortol started by GMC. **The plant will becommissioned after MCC is over.** • 2 nos. of 150 TPD waste handling capacity cum 100 TPD Material Recovery capacity each at (i)Adabari and (ii) Old Jail Campus, Guwahati are under construction and **to be completed byOctober,2024 and July,2024 respectively.** • **Work order issued** for setting up of75 TPD waste handling capacity cum 25 TPD Material Recovery capacity at Mathgharia, Guwahati. • **Tendering done** for 25 TPD RTS cum 10 TPD MRF at Purabi Dairy Campus. • A MoU with OIL India Ltd has been signed for construction of **75 TPD Bio-Methanation**plant at Adabari. • MoU has been signed with OIL/NRL for development of **Compressed Bio Gas Plant(CBG)** by **GMC (75 TPD**), **SivsagarMB(60TPD**) and **Tinsukia MB (50 TPD**)and the same is in pipeline for **Jorhat (60TPD)** and **Silchar(60TPD).** This will be over and above the backyard composting drive created in the ULBs **REST OF THE ULBs-** Detail is attached at **Annexure II**
No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills.	**GUWAHATI** **Dumpsite:** 1 no. Controlled dumpsite at Belortol with area of about 50bighas, with 150 TPD waste processing plant underconstruction. Processing of waste will be started postapproval from Pollution Control Board. 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	**GUWAHATI-**PachimBoragaon

within 1Km buffer of both sides of rivers.	**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 inBahini River and the remaining 01 have been installed at Arya Nagar in Bharalu River. **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 MSW facilities	Utilization capacity of the existing MSW	Proposed MSW facilities & completion timeline
Guwahati	550	7.5	1 No. Bio-methanation Plant. 2 No. Organic Waste Converter 1 No. MRF	7.5	1. Construction of 150 TPD compost cum RDF Plant at Belortol started by GMC to be utilized in two shifts to handle 300 TPD waste. **Theplant will be commissionedafter MCC is over.** 2. 2 nos. of 150 TPD wastehandling capacity cum 100TPD Material Recoverycapacity each at (i)Adabariand (ii) Old Jail Campus,Guwahati **are underconstruction and to becompleted by October,2024and July,2024 respectively.** 3. **Work order issued** forsetting up of75 TPD wastehandling capacity cum25TPD Material Recoverycapacity at Mathgharia,Guwahati. 4. **Tendering done** for 25 TPDRTS cum 10 TPD MRF atPurabi Dairy Campus. 5. A MoU with OIL India Ltdhas been signed for construction of **75 TPD Bio-Methanation**plant atAdabari.
95 Nos.	710	367	• Centralized Plant-67 Nos. • Pit Composting-55000 Nos. • MRF- 144 Nos.	918 *	3 Nos. of OWCs Will be completed by end of August,2024.

***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.	2195.98 KG/day
No. of Hospitals and Health Care Facilities.	85
Status of Treatment Facility/CBMWTF	2 No. of Operational CBWTF located at Panikhaiti, Guwahati which covers Kamrup, Kamrup (M), Nalbari, Baksa, Nagaon and Morigaon Districts. M/s Ksepya Environment Management Private Limited located at NH-31, Barpeta covers districts of Barpeta, Goalpara, Dhubri, Kokrajhar and Bongaigaon. CTE has been granted for another CBWTF at Dibrugarh.

Hazardous Waste Management:

Total Hazardous Waste generation.	98.2 TPD (Utilized, treated and disposed by the occupiers themselves)
No. of Industries generating Hazardous Waste.	14 Nos.
Treatment Capacity of all TSDFs.	Nil
Average Quantity of Hazardous waste reaching the TSDFs and Treated.	Nil
Details of on-going or proposed TSDF.	M/s Mumbai Waste Management Limited (unit of Re-Sustainibility) has

	already submitted draft EIA report to SEIAA as per the TOR issued against their application for EC. CTE has been granted already and EC is expected to be granted within a month. Collection of baseline data, topographical survey, soil analysis, ground water analysis etc. has been completed. **Presently most of the incinerable hazardous wastes are being sent to Dalmia Cement plant for co-incineration. Few industries have also installed captive SLF for disposal of hazardous waste. PCBA has also requested West Bengal PCB for disposal of Hazardous waste generated in Assam in the TSDF located at Haldia, West Bengal until the commissioning of TSDF in Assam.**

Plastic Waste Management:

Total Plastic Waste generation.	**GUWAHATI-** 120 TPD (Estimated) **REST OF THE ULBs -** 47 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 banand seizure of the single use plastic and for imposingpenalties. Drives made by Deputy Commissioners/Collectors,GMC from time to time. (iii) As on May, 2024 Joint drives against SUP have beencarried out twice a week by Enforcement Branch, GMC andPCBA. So far 64,400 KG (aaprox.) Single Use plastic hasbeen seized by Enforcement Branch. Moreover, an amount of₹ 1,53,000/- has been collected from the Violators forstoring/selling of identified SUP. . **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, mic announcements and installation of banners were carried out to urge the public for using less single use plastic items. Till the end of February, 2024 a total of 69 no of Single Use Plastic drive were carried out in different ULBs. The drives were carried out in various destinations which include Local Markets, hotels, restaurants, bus stations, business establishments. An amount of Rs.95, 902 is collected from the violator's non-compliance with these rules. Also, 158 numbers of challans were issued to the violators and an amount of 1043 Kilograms of Single Use Plastic was seized during the drives from the violators for storing and selling SUP.
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.	• In Kamrup ZP,1 drain falls in KamalpurBeel • In Nalbari ZP, 1drain falls in Pagladia River • In Lakhimpur ZP, 1 drain falls in Boginodi River, 6 drains fall in Ronganodiriver and 9 drains falls in Dikrong River. • In Kamrup (M) ZP, ParashaliBeel and the drain polluting this Beel is identified i.e. a drain from Jengbeel and a channel from Jagiroadcontributing the pollution. • In Sivasagar ZP, Rs. 8.56772 lakhs has been sanctioned for cleaning the TengapukhuriBeel at GP level under MGNREGA (Rs.6.00 Lakhs and 14th FC (Rs.2.56772 Lakhs). • In Tinsukia ZP, action is initiated for DigboiRiver by Borbil GP taking scheme like "Excavation and cleaning of DigboiRiver under MGNREGA "and under 14thFC "Pavers Block Road cum Protection of PatherBasti for stopping the flow of water to the Paddy field.
Details of Nodal Officer appointed by Chief Secretary in the State/UT.	Principal Secretary to the Govt. of Assam, Environment & Forest Department
Details of meetings carried under the chairmanship of Chief Secretary in the State/UT.	The Chief Secretary, Assam has been regularly reviewing the Progress in the matter and expedites implementation of all Action Plans.

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 Water Quality data at Annexure - IV
Ground water regulation.	Related to Central Ground water Authority.
Good irrigation practices being adopted by the State.	---
Rain water harvesting.	**Guwahati:** Yes, made applicable as per Guwahati Building Bye-Laws 2014. These conditions are provided in Building permission wherever applicable as per Building Regulations of 2014. **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 under taken on unauthorized bridges andremoval of encroachment by District Authority andGMC from time to time.Communication has beenmade to DC, Kamrup Metropolitan office to carryout eviction of encroachment for widening of theBahini River at 17 locations and also to ensure theright way to remove the desilted material. • Removal of encroachment and demarcation along theBahiniRiver was undertaken. • 19 out of 25 bridges have been demolished orpartially demolished as per the order of Hon'bleHigh Court. The Chairman, DDMA/ DC Kamrup(Metro) had issued orders for demolition ofadditional 06 bridges over the Bahini River and outwhich 04 bridges have already been demolished andthe rest 02 are to be demolished as soon as possible. • Planning branch, GMC surveyed 99 numbers of plotsalong the side of BahiniRiver. Notices served to all ofthese. • Survey has been completed by respective Divisionsfor widening of BharaluRiver and Lakhimijannchannel. • Cleaning and desilting of 143 drains have been takenup for the ensuing flood season. • Cleaning and de-silting of 05(five) major riverchannels: Bahini River, Bharalu River, Mora BharaluChannel, Lakhimijaan and BasisthaRiver undertaken.Distillation of the rivers are under progress • Super sucker is being used for desilting and cleaningof 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 700metersstartingfrom Ulubari Nursery to Arya Nagar Point (Sarabbhatti).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.	The Govt. of Assam, Environment & Forest Department has adopted "Bharalu River" as "Model River" vide notification No.FRM.171/2018/Pt/Vol-I/657, dated 02-03-2022.
Status of preparation of Action Plan by the 13 Coastal States.	Not Applicable.
Regulation of Mining Activities in the State/UT	Being done by Mines & Minerals Department.
Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring.	**PCBA** has closed down the erring industries located in catchment areas of the polluted river stretches. **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.

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

(a) Cleaning and dredging activities as per the Action Plan has started in the Bharalu River and SilsakoBeel.

(b) Status of polluted river stretches:

Priority	No. of stretches declared in 2018	No. of stretches in 2019 (Jan to Dec 2019)	No. of stretches in 2020 (Jan to Dec 2020)	No. of stretches in 2021 (Jan to Dec 2021)	No. of stretches in 2022 (Jan to Dec 2022)	No. of stretches in 2023 (Jan to Dec,2023	No of stretches in Jan to May'2024
Priority I	03	05	03	01	01	01	01
Priority II	01	-	01	03	03	03	01
Priority III	04	-	01	01	01	01	03
Priority IV	03	-	-	-	-	-	-
Priority V	33	11	01	04	04	04	04
Not Polluted	-	28	38	35	35	35	35
Total	44	44	44	44	44	44	44

Annexure I

Details of MSW facilities & MRF

Sl. No.	MSW processing facility	Nos.	Capacity (TPD)	Utilization (TPD)	Type of processing
1	Centralized Processing Facilities	67	266	217	Waste to Compost
2	Decentralized/Vermi/Window/Pit Composting	55000	222	55	Waste to Compost
3	Material Recovery Facility	144	430	160	MRF

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

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

Sl. No.	Name of the ULB	Wet Waste Generated	Wet Waste Processed	No. of Centralized Plant	Total Capacity of Centralized Plant	Utilization Percentage		Remarks
						In respect of Waste Generated	In respect of Plant Capacity	
1	Abhayapuri MB	1.9	0.63	1	2	33.16%	31.50%	
2	Bongaigaon MB	10.5	6	4	6	57.14%	100.00%	
3	Dibrugarh MB	35	14	1	70	40.00%	20.00%	
4	Hailakandi MB	2.47	1.7	3	5	68.83%	34.00%	
5	Jorhat MB	26.5	17.1	3	16.5	64.53%	103.64%	
6	Kokrajhar MB	6.8	5.5	2	17.4	80.88%	31.61%	
7	Morigaon MB	4	2	1	0.5	50.00%	400.00%	
8	Palashbari MB	0.8	0.55	1	4	68.75%	13.75%	
9	Silchar MB	45	20	5	42	44.44%	47.62%	
10	Sibsagar MB	10.9	10	1	10	91.74%	100.00%	
11	Tezpur MB	15.29	15.2	3	51	99.41%	29.80%	
12	Tinsukia MB	28.26	17.63	4	22.63	62.38%	77.91%	
13	Titabar MB	1.1	0.5	1	0.5	45.45%	100.00%	
	TOTAL	**188.52**	**110.81**	**30**	**247.53**	**58.78%**	**44.77%**	

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

B) Decentralized Plants: 55000 nos. Total Capacity: 222 TPD Utilization: 55 TPD

As instructed by the National Mission Directorate of SBM (U) during V.Cs and Webinar, Mission Directorate of SBM (U), Assam has been concentrating and encouraging household backyard composting with different advertisements and publicities under IEC. Presently, there are 55000 nos. of such households' backyard composting with total intake capacity of 222 TPD. These Pits are designed for collection of 10 days' wet waste. It takes 10 days to complete 1 (one) cycle of Composting. As such, total treatment done per day is 55 MT.

C) Material Recovery Facility: 144 nos. Total Capacity: 430 TPD. Utilization: 160 TPD, management/treatment of dry waste depends on quantity of daily collection of dry waste. At present, on an average 160 TPD of dry waste has been managed.

****

Generated from eOffice by PRANTA BORPHUKAN, ENF-SR.AA(PB), ASSISTANT SECTION OFFICER, Environment & Forest Department on 18/06/2024 04:26 PM

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	18.50	

Generated from eOffice by PRANTA BORPHUKAN, ENF-SR.AA(PB), ASSISTANT SECTION OFFICER, Environment & Forest Department on 18/06/2024 04:26 PM

Under Construction MSW facilities

Annexure-III

in the ULBs of Assam

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

****

Generated from eOffice by PRANTA BORPHUKAN, ENF-SR.AA(PB), ASSISTANT SECTION OFFICER, Environment & Forest Department on 18/06/2024 04:26 PM

INVENTORIZATION 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

15/3/23

Associate Planner
Guwahati Municipal Corporation
Guwahati

Generated from eOffice by PRANTA BORPHUKAN, ENF-SR.AA(PB), ASSISTANT SECTION OFFICER, Environment & Forest Department on 18/06/2024 04:26 PM

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, Bactelogical Anaerobic treatment for BOD-COD, PH treatment, Filtration process	1000 Litres /day	2000 Litres/day	100%	10%	90%

Generated from eOffice by PRANTA BORPHUKAN, ENF-SR.AA(PB), ASSISTANT SECTION OFFICER, Environment & Forest Department on 18/06/2024 04:26 PM

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
10	Akanksha Hospital Private Limited, Gotanagar, N. H. - 37, near Hotel Radisson Blu, Guwahati	Yes	2018	Physical Treatment, Bactelogical Anaerobic treatment for BOD-COD, PH treatment, Filtration process	6500 water /day	10000 water/day	100%	10%	90%
11	Sanjevani Hospital, A. T. Road, Maligaon, Guwahati - 781011	Yes	2017	Yes	9700 Litres/day	20000 Litres/day	100%	10%	90%
12	Guwahati Metro Hospital, 2 No. Khanapara, N H - 37, Opposite Bodoland Guest House, Khanapara, Guwahati - 22	Yes	2020	Semi Conventional System	12 to 13 KLD	25 KLD	100%	NO	100%
13	Swagat Super Speciality Surgical Institute & NH, Mahapurush Damodardev Path, Maligaon, Guwahati - 11	Yes	28.03.2015	Yes	37 KLD	50 KLD	100%	10%	90%
14	Swagat Endolaparoscopic Surgical Research Institute, A. T. Road, Shantipur, Guwahati - 781009	Yes	2021	Yes	3.5 KLD	5 KLD	100%	10%	90%
15	NETRAM Eyecare/Eyewear	Quantity : 1 (one set)	Model : ECO5	Capacity : 1000 Ltr/day	ETP Accessories : Secondary Clarifier , Settling tank, Chemical Dozing System, Multi Media filter and all necessary arrangement to water supply and electrification				
16	Down Town Hospital Ltd, Sankardev Path, Dispur, Guwahati - 6	Yes	2003	Yes	120 KLD	300 Cum/Hour	100%	NIL	100%
17	Narayana Superspeciality Hospital/Bafna, Amingaon,	Yes	2013	Yes	0.052 MLD	0.1 MLD	52.66%	0.58%	99.42%
18	Narayana Superspeciality Clinic, Kachari Basti Road, South Sarania, Ulubari, Guwahati	Yes	2017	Yes	0.00014 MLD	0.01 MLD	13.50%	2.02%	97.98%
19	Health City Hospital, N.H 37, Koinadhara, Khanapara, Guwahati - 781022	Yes	2022	Moving Bed Bio film Reactor MBBR process	150 KLD (approx)	200 KLD	99%	80%	20%
20	Indira IVF fertility & IVF Centre, 3rd floor, Achyut & Chowdhury Complex, G. S. Road, Ulubari, Guwahati	Do not have any STP and Sewage Disposal System. Authority hereby confirms that ETP installed as per PCB norms and follow all the norms and Guidelines issued by Pollution Control Board							

Generated from eOffice by PRANTA BORPHUKAN, ENF-SR.AA(PB), ASSISTANT SECTION OFFICER, Environment & Forest Department on 18/06/2024 04:26 PM

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, Bactelogical 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, Bactelogical 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 BMWM 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%

Generated from eOffice by PRANTA BORPHUKAN, ENF-SR.AA(PB), ASSISTANT SECTION OFFICER, Environment & Forest Department on 18/06/2024 04:26 PM

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, Bactelogical 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 BMWM 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 BMWM 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

Generated from eOffice by PRANTA BORPHUKAN, ENF-SR.AA(PB), ASSISTANT SECTION OFFICER, Environment & Forest Department on 18/06/2024 04:26 PM

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

SL No	Name of Shopping Mall	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	Central Mall, G. S. Road, Christian Basti, Guwahati - 5	Yes (Operational)	2017	Yes	5 KLD	50 KLD	Every 24 Hours	Every Day	Regular Flow
2	Synpack Finance Pvt. Ltd. (Roodraksh Mall) G. S. Road, Bhangagarh, Guwahati - 5	Sewage Treatment Plant (STP) was not installed at the time of construction of the mall as STP was not mandatory at that time. However to conserve water, the mall is equipped with zero odour (waterless) urinals at all the gent's urinals at the mall premises. The mall authority have installed properly designed two septic tank of sizes 29.8 ft x 9 ft x 6.5 (H) and 25.5 x 8 ft x6.5 (H), which are cleaned whenever required by Govt. approved body.							
3	Robin Deori and Others, Trends near SBI Beltola Guwahati, Assam	2 septic tanks	2021	N/A	500 Liters	8.3 x 27 x 8 ft and 6.2 x17 x 8 ft tanks	40%	N/A	N/A
4	Assam Tea Warehousing Corporation (Aurus Mall), G. S. Road, Opposite Super Market, Dispur, Guwahati - 6	Yes	2020	Yes	0.01 MLD	0.05 MLD	99%	70-80 %	20-30 %
5	City Centre Mall, G. S. Road, Christian Basti, Guwahati	Yes	2019	Yes	0.3 MLD	0.3 MLD	91%	85%	15%
6	Airplaza Retail Holdings Pvt. Ltd, Plot No. 184, Platinum Tower, Fifth Floor, Name and style : Vishal Mega Mart	Do not have any STP and Sewage Disposal System. Mall authority operating a retail outlet at the premises.							

Generated from eOffice by PRANTA BORPHUKAN, ENF-SR.AA(PB), ASSISTANT SECTION OFFICER, Environment & Forest Department on 18/06/2024 04:26 PM

Water quality Status of Polluted River stretches in Assam (January, 2024 to May, 2024)

Sl. No.	Name of the River	BOD (mg/l)		Current Priority
		Min	Max	
Priority I				
1	Bharalu river	30.6	36.0	I
2	Borsolabeel	12.8	16.4	III
3	Silsakobeel	12.8	18.0	III
Priority II				
4	Sorusalabeel	12.6	16.0	III
Priority III				
5	Kamalpurbeel	21.0	26.4	II
6	Deeporbeel	5.0	6.0	V
7	Digboi river	3.1	3.4	V
8	Panchnoi river	2.3	2.5	To be delisted
Priority IV				
9	Kharasang river	1.8	2.5	To be delisted
10	Brahmaputra River	2.0	2.5	To be delisted
11	Pagladia river	2.1	2.5	To be delisted
Priority V				
12	Buridihing river	2.0	2.6	To be delisted
13	Disang river	2.4	2.6	To be delisted
14	Borbeel	2.1	2.5	To be delisted
15	Gabharu river	2.2	2.6	To be delisted
16	Mora Bharali river	3.1	3.4	V
17	Puthimari river	2.0	2.3	To be delisted
18	Baroi river	2.0	2.4	To be delisted
19	JiaBharali river	2.1	2.5	To be delisted
20	Barak river	2.0	2.3	To be delisted
21	Sonai river	1.9	2.3	To be delisted
22	Malinibeel	2.0	2.3	To be delisted
23	Bega river	3.1	3.3	V
24	Beki river	2.0	2.5	To be delisted
25	Bhogdoi river	2.1	2.5	To be delisted
26	Jhanji river	2.1	2.5	To be delisted
27	Boginadi river	2.0	2.4	To be delisted
28	Dikrong river	2.2	2.7	To be delisted
29	Ranganadi river	2.0	2.4	To be delisted
30	Dhansiri river	2.0	2.6	To be delisted
31	Kohora river	2.0	2.5	To be delisted
32	Dikhow river	1.9	2.2	To be delisted
33	Sankosh river	2.0	2.5	To be delisted
34	BordoibumBeelmukh	1.9	2.3	To be delisted
35	Holudungabeel	2.0	2.5	To be delisted

Sl.	Name of the River	BOD (mg/l)		Current Priority
36	Diplaibeel	2.0	2.3	To be delisted
37	Samaguribeel	2.0	2.8	To be delisted
38	Kolong river	2.0	2.5	To be delisted
39	Killing river	2.3	2.5	To be delisted
40	Kapili river	2.0	2.4	To be delisted
41	Son Beel	2.0	2.7	To be delisted
42	Tengapukhuri	1.8	2.2	To be delisted
43	Parashalibeel	2.1	2.5	To be delisted
44	Kulsi river	2.5	2.7	To be delisted