

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

Email : uddepartmentma@gmail.com

Ecf no.271130/2024/244

Dated Dispur, the 9th October,2024

From : Shri Richand Ahmed,ACS
Secretary to the Govt. of Assam,
Department of Housing & Urban Affairs

To : Sri Sachindra Das
Joint Secretary to Govt. of Assam
Environment & Forest Department

Sub : Submission of updated compliance report in Hon'ble NGT OA No.156/2024

Ref : (i) This Department's Ecf No.271130/2024/187 dated: 18.06.2024
(ii) Your eCF No.167002/152 dated:08.10.2024

Sir,

With reference to the subject cited above and the letters quoted under reference, I am directed to submit herewith the updated compliance report of this Department in connection with Hon'ble NGT OA No. 156/2024

This is for your information and necessary action.

Enclo: As stated

Yours faithfully,

Signed by

Richand Ahmed

Date: 09-10-2024 15:26:50

Secretary to the Govt. of Assam

Department of Housing & Urban Affairs

Memo No271130/2024/244

Dated Dispur, the 9th October,2024

Copy to:

1. P.S. to the Special Chief Secretary(Forest), Environment & Forest Department for kind appraisal of the Special Chief Secretary.
- 2.P.S. to the Commissioner & Secretary, 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

Compliance Report on Hon'ble NGT O.A. No.156/2023

Action taken for Used Water Management in the Urban Local Bodies of Assam:

In accordance with the Hon'ble NGT's directions, a processing **gap of 435.5 MLD** has been identified for used water management in Assam. To address the same, Sewage Treatment Plants with a **total capacity of 338.50 MLD have been planned and are currently at various stages of development**. In this regard, the progress is as follows:

- Sewage Treatment Plant (STP) with design capacity of 2 MLD, has been made operational in the city of Nagaon, implemented by Assam Urban Water and Supply and Sewerage Board (AUWSSB).
- Further, for cities with population less than 1 lakh under SBM (Urban) 2.0:
 - Work has started in **5 ULBs** (Tinsukia, Jorhat, Bongaigaon, Dhubri, and Mangaldoi) **adding 16.5 MLD capacity**.
 - Work has started in 16 ULBs with population less than 20,000, adopting **nature-based solutions as approved by CPHEEO, MoHUA**, which is also expected to **add capacity of 16.5 MLD**.
 - Tendering is also underway for **6 ULBs** (Nalbari, Mariani, Margherita, Golaghat, Karimganj and Sivsagar), expected to add another **16.1 MLD of treatment capacity in Assam**.
- Under Atal Mission for Rejuvenation and Urban Transformation (AMRUT) 2.0, Sewage Treatment Plants (STPs) are being developed for Silchar (2MLD) and Dibrugarh (6.5 MLD)
- 1. No of STP of 2 MLD capacity by GMDA at Borsola is under construction expected to be **operational by October,2024**
- Approval has been accorded by Govt of Assam for an amount of Rs,1460.37 Cr for 3 Nos of STPs (189 MLD) to be implemented in Guwahati under JICA assistance is underway. Process of on-boarding of PMC is under process.
- **15 MLD of sewage** is being remediated using bacterial dosing at Silsako Beel before release into Brahmaputra by GMDA. It is pertinent to mention that in the last hearing, the Hon'ble NGT had sought details from the State Government regarding the parameters of the water quality in Silsako Beel, over and above the BOD and COD parameters, specifically with respect to the faecal coliform limit.
- **7.59 MLD** of wastewater generators by hospitals/hotels etc are now being treated in situ.
- As a part of the strategy followed by the Department in cities with population less than 20,000, dual solutions are being implemented in the form of faecal sludge treatment plants and in-situ treatment of wastewater through nature based solutions.
- Considering the Hon'ble NGT in its Order to explore low cost technologies for used water management, the State has undertaken the following initiatives:

- **6 FSTPs** constructed in **Goalpara (7 KLD), Titabar (10 KLD), Tinsukia (20 KLD), Mariani (5 KLD), North Lakhimpur (10 KLD)** and **Guwahati (20 KLD)** has been operational since **August, 2024**.
- **26 more FSTPs** is being constructed on cluster basis with technical assistance from **UNICEF, expected to add additional capacity of 337 KLD**.
- As per the direction of the Hon'ble NGT, a Ring Fenced Account, has been created by the Department and an amount of Rs 1014.18 Cr has been credited to the account for compliance of the various directions of Hon'ble NGT w.r.t Solid Waste Management, Used Water Management and Legacy waste management in the ULBs of Assam

GOVERNMENT OF ASSAM
ENVIRONMENT & FOREST DEPARTMENT
DISPUR :: GUWAHATI-06.
Email id : environmentforestassam@gmail.com

E.No. 496461/155

To : The Registrar,
National Green Tribunal, Central Zonal Office,
Arera Hills, Bhopal-462011

Sub : Regarding Compliance report in Hon'ble NGT O.A No.156/2024.

Sir,

With reference to the subject cited above, I am directed to enclose herewith the compliance reports vide letters No. PCBA.LGL-238/2024/NGT(CZB)/50; dated 14.11.2024 (with enclosures) received from the CEE & Nodal Officer (Legal), O/o the Pollution Control Board, Assam and Ecf No.271130/2024/244; dated 09.10.2024 (with its enclosure) received from the Secretary, Department of Housing & Urban Affairs, Assam in the matter Hon'ble NGT O.A No.156/2024, for favour of your kind information and taking necessary action.

Yours faithfully,

Enclo: As above.

Signed by
Mauchumi Barua

Date: 28-11-2024 12:05:20
Secretary to the Govt. of Assam,
Environment and Forests Department.

Memo E.No. 496461/155-A

Copy to :-

1. The Secretary to the Govt. of Assam, Department of Housing & Urban Affairs, Assam, Dispur, Guwahati-6.
2. The Member Secretary, Pollution Control Board Assam, Bamunimaidan, Guwahati-21.
3. P.S. to the Special Chief Secretary (Forests), Environment and Forest Department, Dispur, Guwahati-6.
4. P.S. to the Commissioner & Secretary, Environment and Forest Department, Dispur, Guwahati-6.
5. P.S. to the Secretary (Co-ordination) to Chief Secretary, Assam, for kind appraisal of Chief Secretary.

(e-signed)

Secretary to the Govt. of Assam,
Environment and Forests Department



Pollution Control Board, Assam

(Department of Environment & Forests, Government of Assam)

অসম প্রদূষণ নিয়ন্ত্ৰণ পৰিষদ

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No. PCBA/LGL-238/2024/NGT(CZB)/50

Dated Guwahati the 14th Nov, 2024

To ✓: Sachindra Das
Joint Secretary to Govt. of Assam
Environment and Forest Department
Email: environmentforestassam@gmail.com

Sub : Compliance of the order in OA No.156/2023(CZB) titled as In Re: News clipping published in Bhopal's newspaper "Nav Duniya" dtd. 12.10.2023-reg

Ref : Your letter No. ECF No. 496461/132 dated 04.11.2024

Sir,

With reference to the subject and letter, as cited above, this is to inform you that information regarding compliance of the order in OA No.156/2023(CZB) titled as In Re: News clipping published in Bhopal's newspaper "Nav Duniya" dtd. 12.10.2023. Point wise reply regarding compliance of the direction-

Para	Information pertaining to PCBA against the para.
i.	The matter in the para (i) is under the jurisdiction of MoJS. The Board has no comment on this matter.
ii.	It is to inform you that Pollution Control Board, Assam submits MPR (Monthly Progress Report) in the matter of OA no. 673 of 2018 pertaining National River Rejuvenation Mechanism (NRPM) to Govt. of Assam on monthly basis. The latest MPR for the month of September 2024 is enclosed herewith for your ready reference.
iii.	No comment
iv.	In accordance with the Hon'ble Tribunal's Order dated September 21, 2020, the Board has already implemented the following actions in compliance with the order. a. The installation of an Effluent Treatment Plant (ETP) is now mandatory for all industries applying for Consent to Establish (CTE) or Consent to Operate (CTO) under the Water Act. b. The Monthly Progress Report (MPR) related to this Board is submitted to the Government of Assam on a monthly basis.
v.	No comment
vi.	No comment

Encl: As stated

Yours faithfully,

(G. Bhuyan)

CEE & Nodal Officer (Legal)

Dated Guwahati the 14th Nov, 2024

Memo No. PCBA/LGL-238/2024/NGT(CZB)/50-A

Copy to.

1. Member Secretary, PCBA for favour of Kind information.

CEE & Nodal Officer (Legal)

National Mission for Clean Ganga

Format for Submission of Monthly Progress Report by States/UTs
For the State of Assam/UT (for the month of September, 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
II.	Estimated Sewage Generation (MLD)	All ULBs - 435.53 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) :	i) 2 MLD STP at Nagaon MB ii) 7.59 MLD waste water generated by hospitals/ hotels in Guwahati city are being treated in-situ, and iii) 15 MLD of sewage is being bio-remediated at Silsakoo Beel before release into Brahmaputra.
	Capacity Utilization of existing STPs:	24.59 MLD
	MLD of sewage being treated through Alternate Technology:	---
	Gap in Treatment Capacity in MLD:	94.35% (410.97 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
2 MLD STP at Nagoan MB operational from August,2024				

Details of under construction STPs in the State

No.	Location	Capacity of the plant in MLD	Status of Project (at DPR Stage/ Under Tendering/Work to be Awarded)	Likely Date of Completion
1.	Borsola Beel: Construction work of 2 MLD STP at Borsola started (70% work completed). To be commissioned from October,2024			
2.	Sorusula Beel: A CSR scheme amounting to Rs. 259.00 Lakh under ICICI bank for Bioremediation measures for treatment of polluted water of Sarusola Beel has been commenced by GMDA			
3.	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.			
4.	Work Order issued for 5 STPS under SBM 2.0 fo 16.5 MLD capacity at Tinsukia, Jorhat, Bongaigaon, Dhubri and Mangaldai.			
5.	Work has started in 16 ULBs with population less than 20,000, adopting nature based solutions as approved by CPHEEO, MoHUA for capacity of 16.5 MLD.			

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	(Approval has been accorded by Govt. of Assam for an amount of Rs 1460.37 Cr for 3 nos. of STP to be implemented by JICA assistance is underway. Process of on-boarding of PMC is under process. Project is proposed to be implemented in phase with 1 or 2 STP in 1 st Phase. Priority STPs shall be finalised post preparation of detail design and drawing by on boarding of PMC by on boarding of PMC	Approximately 2 years after sanctioning the DPR
2	Silsako, Guwahati	65.00MLD		
3	Pachim Boragaon, Guwahati	60.00MLD		
4	Silchar	2.00 MLD	Tender floated for Construction of 2 MLD STP cum 10 KLD FSTP and 11 km sewerage network at Silchar under AMRUT 2.0	Approximately 2 years after sanctioning the DPR

5	Dibrugarh	7.00 MLD	DPR completed and awaiting approval for construction of 7 MLD STP cum FSTP under AMRUT 2.0.	Approximately 2 years after sanctioning the DPR
6	Tezpur	2.00 MLD	Retendering for Tezpur	Approximately 2 years from award of contract

N.B.:

Under Phase 2 of SBM2.0:

- Tendering is underway for 6 nos. of STP cum FSTP (16.1 MLD capacity) 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).

Under Phase 3 of SBM 2.0:

- 31 ULBs are considered with a total capacity of 50.4 MLD.
- Out of 31 ULBs, DPRs have been prepared for the 15 ULBs and Work order has been issued for the remaining 16 nature-based projects for ULBs (16.5 MLD) with population less than 20,000.

Under Phase 4 of SBM 2.0 :

- 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:-

- 6 FSTPs constructed in Goalpara (7 KLD), Titabar (10 KLD), Tinsukia (20 KLD), Mariani (5 KLD), North Lakhimpur (10 KLD) and Guwahati (20 KLD) has been operational since August, 2024.
- 26 more FSTPs is being constructed on cluster basis with technical assistance from UNICEF.
- Coordination systems established with DMA, DOHUA and SBM (U) for regular status update from tendering to implementation.
- 2 Nodal officers are nominated from 32 ULBs for regular monitoring and monthly review meetings 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	Operational
4	Mariani MB	5	90	Operational
5	Golaghat M.B	10	110	Under various stages of construction
6	N. Lakhimpur M.B	10	110	
7	Dhemaji M.B	5	90	
8	Kokrajhar MB	10	110	
9	Dibrugarh MB	20	135	
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 Chief Engineer, PWD (B) Assam had been requested to execute the project vide this office letter No. CPRD/NGT/22/2020/Pt./555, dtd.31/10/2022. But, Govt. vide letter No. E-254290/5 dated 07/12/2022 has informed that Chief Engineer, PWD (B) is not willing to implement the project saying that it is not their usual nature of work. Also, as per instruction of the Govt. Assam Water Supply & Sewage Board Office at Ganeshguri, Guwahati was contacted regarding implementation of the Project. They are also not willing to accept the Project, as the Project site is not within their jurisdiction i.e. Urban Area. The matter has been informed to the Govt. vide this office Letter No.CPRD/NGT/22/2020/Pt./564 dtd. 31/12/2022 for further suggestion. Thereafter, as per the suggestion of the Govt. vide letter No. E254290/8 dtd. 19/01/2023, the matter regarding execution of the project was taken up with PCBA Vide this office Letter No. CPRD/NGT/22/2020/Pt./564 dtd. 08/02/2022. The PCBA has consented to execute the project vide their Letter No. WB/LAB-310/PI-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/22/2020/Pt./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. So, accordingly another reminder letter Vide E-339273/DFA/571283 dated 14/03/2024 has been sent to the District Commissioner, Kamrup, Amingaon for the mentioned NOC. The reply is yet to be received. Another letter vide E-358592/ DFA/715149 Dated 24-07-2024 had been sent to The Principal
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			Secretary, P&RD Dept. with a request to kindly look into the matter and take necessary steps to take up the matter with the Revenue and Disaster Management Department for issuance of NOC in order to execute the project.
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, Panchoi and other 17 polluted water bodies are free from pollution at present.	Although MoU have been signed with the IIT, Guwahati for preparation of DPR for treatment of polluted water of Kharsang and Panchoi river as per resolution of the meeting of the Advisory cum Monitoring Committee for implementation of various projects relating to treatment of polluted river stretches/water bodies in different districts held on 15/06/2022, it is instructed to prepare the detailed action plan by the concerned Chief Executive Officers of Zilla Parishad/PDs, DRDAs with a view to protect the rivers from being polluted as per suggestions in the Action Plan of PCBA. Following action points are suggested in the meeting- (i) prepare a detail Action Plan as per suggestion in the Action Plan of PCBA. (ii) suggested for plantation scheme including 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 catchment area of polluted stretches :	309
Quantity of effluent generated from the industries in the catchment area of polluted stretches in MLD:	14.29
Quantity of Hazardous Sludge generated from the Industries in the catchment area of polluted stretches in TPD:	27.63
Number of industrial units in the catchment area of polluted stretches having ETPs:	309
Number of industrial units connected to CETP:	Nil
Number of Existing ETPs in the catchment area of polluted stretches	309
Number and total capacity of ETPs (details of existing/under construction/proposed)	30.70MLD
Compliance status of the ETPs	complying
Number and total capacity of CETPs (details of existing/under construction/proposed)	Nil
Status of compliance and operation of the CETPs	NA

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- 775 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.	<p>GUWAHATI-</p> <ol style="list-style-type: none"> 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. Compost Plants (Windrow, vermin, decentralized pit composting): <ol style="list-style-type: none"> Organic Waste Converter, Capacity: 2.5 TPD (1 No), Bhangagarh, Running. 150 TPD Compost cum RDF Plant at Belortol is operational. 1 TPD of organic waste composter operational in Kamakhya. Biomining of Legacy waste at Boragaon: 7,34,000 MT of legacy waste has been processed till August,2024. Biomethanation: As per Sl. 1(a) above. MRF : Material Recovery Facility : <ol style="list-style-type: none"> 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 <p>REST OF THE ULBs-</p> <ul style="list-style-type: none"> 2 solid waste processing plants/MRFs have started operating. <ul style="list-style-type: none"> In Nalbari a solid waste composting (10 TPD) and MRF (10TPD) has been made functional. In North Lakhimpur a solid waste composting (25 TPD) and MRF (100TPD) has been made functional. Details of other existing SWM facilities and Bio-mining of Legacy Waste in rest of the ULBs at Annexure-II
Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap> 20%)	<p>GUWAHATI- Gap is > 10%.</p> <p>GMC :</p> <ol style="list-style-type: none"> Consent to Operate (CTO) has been obtained from Pollution Control Board (PCB) for running the RDF cum Compost plant with a capacity of 150 TPD at belortol to operate in 2 shifts expanding its capacity to 300 TPD. MoU has been signed with OIL/NRL for development of Compressed Bio Gas Plant (CBG) by GMC (75 TPD), 3 Refuse Transfer Station cum Material Recovery Facility (MRF) capacity of 235 TPD at Guwahati to be operational from November, 2024

	<p>4. MRF facility with a capacity of 100 TPD in Jail Road Guwahati to be operational from November, 2024</p> <p>REST OF THE ULBs-</p> <ul style="list-style-type: none"> Construction of SWM facilities for 32 ULBs with capacity of 469.33 TPD have started on ground. The projects are at various stages of implementation. Process is also underway for another 46 ULBs in Assam with population less than 50,000 where Detailed Project Reports (DPRs) have been approved by Government of India and Government of Assam. The works for the following projects should start by December 2024, following the due tendering process. Waste to Compressed Bio-gas Plants: <ul style="list-style-type: none"> MoU signed between Sivasagar MB & OIL India Ltd for CBG Plant (50 TPD) MoU signed between Tinsukia & OIL India Ltd for CBG Plant (50 TPD) MoU between Jorhat MB & OIL India Ltd for CBG Plant is under development. (60 TPD) MoU between Silchar MB & OIL India Ltd for CBG Plant is under development. (60 TPD)
No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction).	<p>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</p> <p>REST OF THE ULBs- Nil</p>
Total no of wards, no of wards having door to door collection service, no of wards practicing segregation at source.	<p>GUWAHATI-</p> <p>Total Wards: 60.</p> <p>Door to door collection: 100% wards are practicing D2D collection</p> <ul style="list-style-type: none"> 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. <p>REST OF THE ULBs-</p> <p>Total wards: 1084. Door to door collection : 1072 wards Source segregation: 527 wards.</p> <p>To improve the percentage of source segregation in the ULBs, the following steps are taken-</p> <ul style="list-style-type: none"> 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 conducting 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

	<p>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.</p>
<p>Details of MSW treatment facilities proposed and under construction (no, capacity and technology).</p>	<p>GUWAHATI-</p> <ul style="list-style-type: none"> Consent to Operate (CTO) has been obtained from Pollution Control Board (PCB) for running the RDF cum Compost plant with a capacity of 150 TPD at Belortol to operate in 2 shifts expanding its capacity to 300 TPD. MoU has been signed with OIL/NRL for development of Compressed Bio Gas Plant (CBG) by GMC (75 TPD), 4 nos. of Modern RTS cum MRF are proposed in the following locations <ul style="list-style-type: none"> a) Adabari: 150 TPD waste handling capacity cum 100 TPD Material Recovery capacity. Work order issued and work is in process. MRF part of the project is targeted to be completed by October, 2024. b) Old Jail Complex: 150 TPD waste handling capacity cum 100 TPD Material Recovery capacity. Work order issued and work is in process. MRF part of the project is targeted to be operational from November, 2024. c) Mathgharia: 75 TPD waste handling capacity cum 25 TPD Material recovery facility. Work will commence as per outcome of litigation on land. d) Purabi Dairy Campus, Panjabari: LOA issued for 25 TPD RTS cum 10 TPD MRF. <p>REST OF THE ULBs-</p> <ul style="list-style-type: none"> Construction of SWM facilities for 32 ULBs with capacity of 469.33 TPD have started on ground. The projects are at various stages of implementation. Process is also underway for another 46 ULBs in Assam with population less than 50,000 where Detailed Project Reports (DPRs) have been approved by Government of India and Government of Assam. The works for the following projects should start by December 2024, following the due tendering process. Waste to Compressed Bio-gas Plants: <ul style="list-style-type: none"> MoU signed between Sivasagar MB & OIL India Ltd for CBG Plant (50 TPD) MoU signed between Tinsukia & OIL India Ltd for CBG Plant (50 TPD). MoU between Jorhat MB & OIL India Ltd for CBG Plant is under development. (60 TPD). MoU between Silchar MB & OIL India Ltd for CBG Plant is under development. (60 TPD)
<p>No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills.</p>	<p>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.</p>
<p>No. and area (in acres) of legacy waste within 1Km buffer of both sides of rivers.</p>	<p>GUWAHATI- Pachim Boragaon REST OF THE ULBs- Nil</p>
<p>No of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into rivers.</p>	<p>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.</p> <p>REST OF THE ULBs- Instructions were issued to all ULBs and data is under process of collection.</p>

Status of ULB wise Management of Solid Waste

ULB	Total MSW Generation in TPD	Total MSW Being processed	Existing MSW facilities	Utilization capacity of the existing MSW	Proposed MSW facilities & completion timeline
Guwahati	550	343	<ul style="list-style-type: none"> • 5TPD Biomethanation plant running at Chatribari. • 2.5 TPD Organic Waste Converter, running at Bhangagarh. • 300 TPD Compost cum RDF Plant at Belortol operational. • 1 TPD of organic waste composter operational in Bhatnagar and Kamakhya • 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 	318	<ul style="list-style-type: none"> • Consent to Operate (CTO) has been obtained from Pollution Control Board (PCB) for running the RDF cum Compost plant with a capacity of 150 TPD at Belortol to operate in 2 shifts expanding its capacity to 300 TPD. • MoU has been signed with OIL/NRL for development of Compressed Bio Gas Plant (CBG) by GMC (75 TPD), • 4 nos. of Modern RTS cum MRF are proposed in the following locations <ul style="list-style-type: none"> (a) Adabari: 150 TPD waste handling capacity cum 100 TPD Material Recovery capacity. Work order issued and work is in process. MRF part of the project is targeted to be completed by October,2024. (b) Old Jail Complex: 150 TPD waste handling capacity cum 100 TPD Material Recovery capacity. Work order issued and work is in process. MRF part of the project is targeted to be operational from November,2024. (c) Mathgharia: 75 TPD waste handling capacity cum 25 TPD Material recovery facility. Work will commence as per outcome of litigation on land. (d) Purabi Dairy Campus, Panjabari: LOA issued for 25 TPD RTS cum 10 TPD MRF.
95 Nos.	710	449	<ul style="list-style-type: none"> • Centralized Plant-67 Nos. • Pit Composting-55000 Nos. • MRF- 144 Nos. • 2 nos of MRF of 145 TPD at N. Lakhimour and Nalbari. 	918*	<ul style="list-style-type: none"> • SWM facilities for 32 ULBs with capacity of 469.33 TPD to be operational by December, 2024. • Construction of SWM facilities for another 46 ULBs in Assam with population less than 50,000 is targeted to start by December 2024, following the due tendering process.

***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-Sustainability) 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 by October, 2024. 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.
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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.	<p>GUWAHATI-</p> <ul style="list-style-type: none"> (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. (iii) As on June, 2024 Joint drives against SUP have been carried out twice a week by Enforcement Branch, GMC and PCBA. So far 64,400 KG (approx.) Single Use plastic has been seized by Enforcement Branch. Moreover, an amount of ₹ 1,53,000/- has been collected from the Violators for storing/selling of identified SUP. <p>REST OF THE ULBs-</p> <p>Plastic wastes generated in ULBs are managed through Recyclers/rag pickers, MRFs, Cement Plants and construction of roads.</p> <p>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.</p>
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.	<ul style="list-style-type: none"> • In Kamrup ZP, 1 drain falls in Kamalpur Beel • In Nalbari ZP, 1 drain falls in Pagladia River • In Lakhimpur ZP, 1 drain falls in Boginodi River, 6 drains fall in Ronganodi River and 9 drains falls in Dikrong River. • In Kamrup (M) ZP, Parashali Beel and the drain polluting this Beel is identified i.e. a drain from Jengbeel 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.
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.	<p>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.</p> <p>REST OF THE ULBs: Action Plan and Guideline for Rain water harvesting were issued to ULBs.</p> <ul style="list-style-type: none"> • 3 nos. of ponds in 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.
Demarcation of Flood plain and removal of illegal encroachments.	<ul style="list-style-type: none"> • 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 and removal of encroachment by District Authority and GMC from time to time. Communication has been made to DC, Kamrup Metropolitan office to carryout 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 Lakhimijan 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, Mora Bharalu 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 700meters 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. Biodiversity Management Committee has been formed in all Zilla Parishads at GP /AP & ZP level.
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.	<p>PCBA has closed down the erring industries located in catchment areas of the polluted river stretches.</p> <p>GUWAHATI - Action initiated and notices served, fines realized under the</p>

	<p>Guwahati Municipal Corporation Act, 1969 from time to time. Enforcement Branch, GMC has initiated drives in co-ordination with SPCB.</p> <p>Further, fines for violation of norms like non-usage of Green Netting in under construction building etc. have been realized from time to time.</p> <p>REST OF THE ULBs-</p> <ul style="list-style-type: none"> • 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 District Commissioner. • Fines are being charged against the violators from time to time.
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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 Silsako Beel.

(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 Sep'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

Details of Existing MSW facilities & MRF in the ULBs of Assam leaving GMC

Sl. No.	MSW processing facility	Nos.	Capacity (TPD)	Utilization (TPD)	Type of processing
1	Centralized Processing Facilities	67	266	209	Waste to Compost
2	Decentralized/Vermi/Window/Pit Composting	55000	222	50	Waste to Compost
3	Material Recovery Facility(Decentralized/Outsourced))	144	430	145	MRF(Manual)
4	Material Recovery Facility(Centralized/Owned by ULB))	2	145	145	MRF(Semi-mechanized)

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 Generat ed	Wet Waste Processed	No. of Centralize d 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	26	10	1	70	38.46%	14.29%	
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	6.6	5.3	2	17.4	80.30%	30.46%	
7	Morigaon MB	4	2	1	0.5	50.00%	400.00%	
8	Palashbari MB	1.56	1.235	1	4	79.17%	30.88%	
9	Silchar MB	45	20	5	42	44.44%	47.62%	
10	Sibsagar MB	12	6	1	10	50.00%	60.00%	
11	Tezpur MB	15.5	14.23	3	51	91.81%	27.90%	
12	Tinsukia MB	28.16	17.76	4	22.63	63.07%	78.48%	
13	Titabar MB	0.8	0.2	1	0.5	25.00%	40.00%	
14	Nalbari MB	9	1.2	1	20	13.33%	6.00%	
15	N.Lakhimpur MB	13.65	8.78	1	125	64.32%	14.23%	
	TOTAL	203.46	112.13	32	372.73	55.10	30.08%	

N.B: 40 nos of Organic Waste Converters of capacity 0.5 TPD each, total capacity- 20 TPD are made operational in 31 ULBs for processing of wet waste

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 50 MT.

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%

[illegible]

SL No	NAME OF HOSPITAL/NURSING HOME	Status of existing STP	Year of Installation	Technology used in the STP	Daily waste water generated	Capacity of STP	% age of waste water treated in STP	% age of treated waste water	% 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 started.							
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

[illegible]

Annexure 1: Progress Status of construction of Solid Waste Processing Facilities

Sl.No.	ULB Name	Capacity of SWM Plant (TPD)		Status of Project and Expected Date of Completion (in case construction is ongoing)
		Compost Pit	MRF	
		Approved	Approved	
1	Nalbari MB	6	3.5	Operational from August 2024
2	Nagaon MB	36	20	Last week of October, 2024
3	Chapar MB	4.5	2.43	Second week of September 2024
4	Kokrajhar MB	6	4	By last week of of September, 2024
5	Silchar MB	50	15	By November,2024
6	North Lakhimpur MB	12.5	9	Operational as of August 2024
7	Barpeta Road MB	8	5	20 September,2024.
8	Barpathar & Sarupathar MB	4	1	October 2024
9	Silapathar MB	5	3	Operational as of August 2024
10	Tezpur MB	8	6	October 2024
11	Dhekiajuli MB	4.5	2.5	October 2024
12	Golaghat MB	9	5	October 2024
13	Doomdooma MB	4	2.5	November 2024
14	Kharupetia MB	4.5	2	November 2024
15	Mangaldoi MB	5.5	3	November 2024
16	Tinsukia MB	30	20	November 2024

Sl.No.	ULB Name	Capacity of SWM Plant (TPD)		Status of Project and Expected Date of Completion (in case construction is ongoing)
		Compost Pit	MRF	
		Approved	Approved	
17	Digboi MB	4.5	2.5	November 2024
18	North Guwahati MB	4	2	December 2024
19	Hailakandi MB	7	4.5	December 2024
20	Margherita MB	6	3	November 2024
21	Bokakhat MB	3.5	1.5	December 2024
22	Karimganj MB	12	8.2	December 2024
23	Bilasipara MB	8	5	December 2024
24	Mariani MB	4.5	2	December 2024
25	Demow MB	1	1	December 2024
26	Sivsagar MB	9	7	December 2024
27	Bongaigaon MB	10.5	9	December 2024
28	Dhubri MB	14	8.5	December 2024
29	Amguri MB	1.5	0.5	December 2024
30	Hojai MB	8	5.2	December 2024
31	Barpeta MB	9.5	6	December 2024
32	Diphu MB	13	9	December 2024

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

Sl. No.	Name of the River	BOD (mg/l)		Current Priority
		Min	Max	
Priority I				
1	Bharalu river	26.8	36.0	I
2	Borsola beel	12.4	16.4	III
3	Silsako beel	12.8	18.0	III
Priority II				
4	Sorusala beel	12.6	16.0	III
Priority III				
5	Kamalpur beel	21.0	26.4	II
6	Deepor beel	5.0	6.0	V
7	Digboi river	3.1	3.4	V
8	Panchnoi river	1.8	2.5	To be delisted
Priority IV				
9	Kharasang river	1.8	2.6	To be delisted
10	Brahmaputra River	2.0	2.6	To be delisted
11	Pagladia river	2.0	2.7	To be delisted
Priority V				
12	Buridihing river	2.0	2.6	To be delisted
13	Disang river	2.0	2.6	To be delisted
14	Borbeel	2.1	2.5	To be delisted
15	Gabharu river	2.1	2.6	To be delisted
16	Mora Bharali river	3.1	3.4	V
17	Puthimari river	2.0	2.4	To be delisted
18	Baroi river	2.0	2.4	To be delisted
19	Jia Bharali river	2.1	2.7	To be delisted
20	Barak river	2.0	2.5	To be delisted
21	Sonai river	1.9	2.6	To be delisted
22	Malini beel	2.0	2.5	To be delisted
23	Bega river	3.1	3.4	V
24	Beki river	2.0	2.5	To be delisted
25	Bhogdoi river	1.9	2.5	To be delisted
26	Jhanji river	1.9	2.5	To be delisted
27	Boginadi river	2.0	2.6	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	1.8	2.7	To be delisted
32	Dikhow river	1.8	2.4	To be delisted
33	Sankosh river	2.0	2.5	To be delisted
34	Bordoibum Beelmukh	1.9	2.3	To be delisted
35	Holudunga beel	1.8	2.5	To be delisted
36	Diplai beel	2.0	2.5	To be delisted
37	Samaguri beel	2.0	2.8	To be delisted

Sl. No.	Name of the River	BOD (mg/l)		Current Priority
38	Kolong river	1.9	2.5	To be delisted
39	Killing river	1.8	2.5	To be delisted
40	Kapili river	1.9	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	Parashali beel	2.0	2.5	To be delisted
44	Kulsi river	2.3	2.7	To be delisted