

**Compliance Report on Solid and Sewage Management in respect to OA
606/2018 of NGT.**

1. Background

In OA 606/2018's last hearing, Chief Secretary of Assam presented the existing status on state's Solid and Liquid (Sewage) management to Hon'ble NGT on 27.01.2023. Hon'ble NGT found gap of 752 TPD in waste processing, 435.5 MLD gap in used water management and 33 Lakh tones of legacy waste in Assam.

In last one year, Assam has undertaken following measures to provide sustainable sanitation service to the urban population:

A. Solid Waste Management:

Serious measures has been adopted for processing of solid waste generated, door to door collection, source segregation and backyard composting through community participation and systemic and scientific intervention through professional agencies. So far, out of the identified **gap of 752 TPD** by Hon'ble NGT in the last hearing on 27/01/2023, an RDF cum Compost plant with a capacity of **150 TPD funded under SOPD will be operational from April, 2024 in Guwahati** (GMC), a **10 TPD MRF** through CSR initiative has already been made operational in GMC. **MRF capacity of 100 TPD** at Guwahati to be operational from April,2024.

Out of a total 95 DPRs prepared based on real time data, works for 10 ULBs with a capacity **304.5 TPD(Dry + Wet)** has already started on ground. Process is also underway for the rest of the ULBs to have MRFs constructed.

B. Used Water Management:

As per Hon'ble NGT's directions, state of Assam, in order to fill up the gap in remediation of the generated sewage, Sewage Treatment Plant with an overall total capacity of **340.50 MLD inter alia the gap of 435.5 MLD observed by Hon'ble NGT**, has been planned and now are under various stages of development.

15 MLD of sewage is being bio remediated at Silsako Beel before release into Brahmaputra by GMDA

7.59 MLD of waste water generators by hospitals/hotels etc are now being treated in situ.

3 FSTPs constructed in **Goalpara (7 KLD), Titabar (10 KLD) and Tinsukia (20 KLD)** are already operational and another one FSTP at Guwahati (20 KLD) will be operational from **April, 2024**.

28 more FSTPs will be constructed on cluster basis with technical assistance from **UNICEF. This will have a capacity of 352 KLD in total.**

C. Legacy Waste Management:

Out of a total of **33 lakh MT of legacy** waste as identified by hon'ble NGT for remediation, **7.96 lakh MT** have already been remediated in GMC, North Lakhimpur, Jorhat, Tinsukia, Digboi, Doomdooma, Mariani and

Margherita leading a progress of **23.4%** till date. **38 Bighas** of land have already been reclaimed in these ULBs.

Moreover, **EIMC, DoNER has** approved INR **70.52 Cr** to remediate **8.3 Lakh MT** of legacy waste in **39 ULBs** where tendering to begin shortly.

As directed by Hon'ble NGT, six monthly compliance reports have been submitted at regular intervals:

1. First report submitted on 27/07/2023
2. Second report submitted on 17/02/2024

2. Directions

The Tribunal passed following major directions on actions required to be taken for solid and liquid waste management and ring-fencing amount for management of the same :

Solid Waste Management: Directions were given to undertake measures for filling up the gap of 752 TPD in 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

Legacy Waste Management : A total 33 lakh MT of legacy waste were directed to be remediated in accordance with guidelines/SOPs laid down by CPCB and expeditious execution of the remediation works.

Used Water Management : Based on the data presented by the Chief Secretary showing a gap of About 435.5 MLD generation and treatment of sewage, Hon'ble NGT has directed that appropriate treatment of such waste cost-effective methods has to be undertaken ensuring that no faecal contaminants are discharged into water streams/ponds/rivers. Sanctity and significance of natural storm water drains were directed to be maintained. Directions were given for STPs to have Co-treatment facilities of septage rather than having isolated FSTPs.

Making funds available out of Ring fenced amount: From the State commitment of a total ring fenced amount of Rs. 1014.18 Cr., an amount of Rs. 10.74 Cr has already been made available to the ULBs / Agencies.

A detailed compliance report of the above directions has been incorporated in the following paragraphs :

3. City and Town wise Information: *Details at Annexure-A*

4. Sewage Management-

- i) Sewage Generation – 435.5 MLD
- ii) Existing Sewage Treatment and the gap –
 - a) **Existing treatment capacity, current utilization capacity, reasons for under utilization: 22.59 MLD**

- **15 MLD of sewage** is being bio remediated at Silsako Beel before release into Brahmaputra by GMDA
- **7.59 MLD** sewage is present which is generated in the Hospitals, Hotels, Apartments in Guwahati city are being treated in-situ.

b) **Gap** – 413.11 MLD.

To mitigate the gap, 340.5 MLD sewage treatment capacity is planned as detailed below.

4.1 Executable and Time bound plan to complete the Gap is attached below:-

Location	Generation (MLD)	Planned STP (MLD)	Remarks
Guwahati	125.88	189	<ul style="list-style-type: none"> • Approval has been accorded by Govt of Assam for an amount of Rs,1460.37 Cr for 3 Nos of STPs to be implemented under JICA assistance is underway. Process of onboarding of PMC has started. • 1. No of STP of 2 MLD capacity by GMDA at Borsola is expected to be operational by October,2024
Nagaon MB	14.53	2	<ul style="list-style-type: none"> • Partial commissioning to be done after Model Code of Conduct is over
Dibrugarh MB	16.83	6	<ul style="list-style-type: none"> • Tendering process to start shortly subject to the approval of SLMC, AMRUT
Silchar M.B.	22.24	2	<ul style="list-style-type: none"> • Tendering process to start shortly subject to the approval of SLMC, AMRUT
6 ULBs (Bongaigaon, Dhubri, Mangaldai, Tezpur, Jorhat & Tinsukia)	52.89	19.5	<ul style="list-style-type: none"> • Tender floated by SBM 2.0. for 6 ULBs

6 ULBs (Marghera, Mariani, Karimga, Nalbari, Sibsagar & Golaghat)	27.73	16.1	<ul style="list-style-type: none"> DPRs prepared and 5 DPRs shared with ULBs as well as MoHUA by SBM 2.0
15 ULBs	66.76	33.9	<ul style="list-style-type: none"> DPRs under preparation.
16 ULBs	27.59	16.5	<ul style="list-style-type: none"> EOI floated for adopting low cost nature based technologies as these ULBs are having population less than 20,000.
49 ULBs	83.97	57.75	<ul style="list-style-type: none"> CSAP has been prepared.

4.2 Faecal Sludge and Septage Management :

- Construction of FSTPs in 32 ULBs of capacity of 352 KLD are taken up with technical assistance from UNICEF. An amount of Rs. 39.11 Cr. is earmarked under 15th FC for the same. Out of the same –
- Two FSTPs at **Titabar MB(10 KLD)** , **Goalpara MB (7KLD)** are already operational and inauguration of another one FSTP at **Tinsukia (20 KLD)** was done on **10.03.2024**.
- One FSTP with a capacity of **20 KLD will be operational in Guwahati** from **April, 2024**.
- Construction of another 6 FSTPs with a total capacity of 50 KLD **is in advanced stages** in Kokrajhar, Golaghat, N Lakhimpur, Dhemaji, Bokakhat and Mariani around 50%.
- The rest 22 FSTPs with capacity of 265 KLD is under various stages of construction.

4.3 Remediation of water bodies in Guwahati City:

As per point no.38 of the Hon'ble NGT's directions in its hearing dated 27.01.2023 and to address the adverse effect of such used water and to improve the water quality, several actions has been taken viz: Rejuvenation, Remediation of the Beels and river channels, setting up of STPs, cleaning and distillation works of the river channels.

The five major river channels that carry used water in the city viz Basistha, Bahini, Mora Bhoralu, Bhoralu and Lakhimijan. There are three major water channels/bodies through which most of the used water of Guwahati city drains into Brahmaputra river. These are DeeporBeel, Bhoralu river and Silsakobeel

For remediation of these water bodies following steps has been taken:

- De-silting and rejuvenation projects taken in **Silsako beel after which the water quality has improved significantly as shown below:-**

Parameter	Value as on 2019	Value as on January, 2024
pH (Mg/Litre)	7.2	7.42

BOD (Mg/Litre)	46.2	9.2
COD (Mg/Litre)	170.4	47.0

- ii. Work started for a STP of 2 MLD capacity at **Borsola Beel**.
- iii. Cleaning and de-silting activities done for five major river channels namely **Bahini, Bharalu, Mora Bharalu, Lakhimijaan and Basistha** in Guwahati. **Details at Annexure-B**

4.4 Making funds available out of Ring fenced amount:

From the state commitment of a total ring fenced amount of Rs. 1014.18 Cr., an amount of 10.74 Cr. has already been made available to the ULBs/Agencies.

4.5 Following measures has been taken by SBM(U), Assam to fast-track the construction of STPs:

- a. Land for setting up STP and FSTP has been expediently provided by the District Magistrates through personal intervention of Chief Secretary, Assam
- b. SBM(U), Assam has floated tenders for 6 ULBs centrally to avoid lag in STP construction completion timeline
- c. To minimize the time in DPR preparation and Construction of STPs, SBM(U), Assam has floated EoI Notification to empanel efficient agencies for STP construction in EPC mode.
- d. Support obtained from MoHUA for DPR/Tendering documents to prevent retendering/delay.

5.0 Solid Waste Management:

- (i) **Waste Generation**-1311 TPD (assessed based on per capita).
 - Plastic Waste Generated- 272 TPD
 - C&D Waste Generated- 96.10 TPD.
- (ii) **Waste Collection**- 1285 TPD.
- (iii) **Waste Processed**- 941* TPD. (681+260 as mentioned below)

Sl. No.	Available wet waste processing facilities	Processing Capacity available (TPD)
1	Organic Waste Converter	27.5
2	Drum Composting	3
3	Windrow Composting	100
4	Bio Methanation	5
5	Bed Composting/Pit composting	83.14
6	Windrow Composting (Tezpur)	50
Total		268.64

About the existing processing facility :

- An MRF of **10 TPD capacity constructed in GMC** under HDFC's CSR is operational from **12th March, 2024**.
- An RDF plant with capacity of **150 TPD in Guwahati** is to be operationalized from April, 2024 that will reduce the gap in processing by 20%.
- MRF facility with a capacity of **100 TPD** to be operational from April, 2024 in Guwahati.
- One Waste to Energy plant is operation at Chatribari, Guwahati of a capacity of 5 TPD with an output of 800 units of power and 450 Kgs of manure.
- Most of the ULBs of Assam are in peri urban in nature, therefore more emphasis is given in in house composting such as backyard/pit composting rather than centralized processing of waste.
- Through a model ward initiative in all 103 ULBs of Assam, The state has created 6800 Nos. of backyard compost pits with active participation from 82 NGOs, 398 SHGs and 677 informal waste pickers.
- However, in few ULBs waste is getting processed in existing MRFs.
- In rest of the ULBs, waste is directly getting transported to the dumpsites.

5.1 Measures taken to fill the gap of waste generated and processed:

Hon'ble NGT has observed a Gap of **752 TPD** of waste to be processed. In response to that SBM(U), Assam has planned for processing being future ready and has undertaken following measures to achieve the same :

- i) A RDF cum waste to compost plan with a capacity of **150 TPD will be operational from April , 2024** in Guwahati as developed by GMC
- ii) An MRF of **10 TPD capacity constructed in GMC** under HDFC's CSR Initiative.
- iii) An **MRF of capacity 100 TPD** will be operational by April, 2024 in Jail Road, Guwahati.
- iv) Guwahati has been selected in top 18 ULBs **for CITIIS 2.0 under NIUA**. A dedicated **C&D waste management plant (100 TPD)** will be constructed as a part of this project along with **1(one) 200 TPD Waste to Compost(or similar) plant, 1(one) RTS of 100 TPD and 1(one) MRF of 100 TPD capacity**. Further, a **Guwahati circulatory repository** for innovation and engagement in waste management will also be set up
- v) out of total 48 Detailed Project Reports (DPRs) approved for a total capacity of 526.5 TPD(Dry +Wet), **10 work orders have already been issued in Nagaon, Nalbari, Chapar, Kokrajhar, Barpeta road, Sarupathar-Borpahar, North Lakhimpur, Silchar, Silapathar with a capacity of 304.5 TPD(Dry + Wet) in total** and tenders have also been floated for another 30 ULBs where work will start immediately after the Model Code of Conduct is over. Apart from this, DPRs for 46 more ULBs for a total capacity of 462.6 TPD (Dry+Wet) have been shared with the ULBs and MoHUA for verification.
- vi) MoU has been signed with OIL/NRL for development of **Compressed Bio Gas Plant (CBG)** by **GMC (75 TPD), Sivsagar MB(60 TPD)** 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.
- vii) On-boarded well equipped and professional agencies for which intense campaign for Door to door collection and source segregation through policy formation, vehicle route map preparation, IEC activities and capacity building is being done. **A sample city action plan prepared in this regard is attached as sample.**
- viii) **Started Model Ward initiative by SBM (U) in all 103 ULBs of Assam.** In this initiative **6800 backyard compost pits** and **124 central compost pits** were created for wet waste processing
- ix) **218 nos.** of Auto Trippers with separated storage chambers distributed to ULBs on **3rd July, 2023** for Door to Door Collection at primary level. **113 e-vehicles** being distributed to ULBs for primary collection.
- x) Existing primary collection vehicles were mapped and retrofitted as per **Swachh Survekshan Toolkits.**
- xi) Floated EoI Notification to empanel efficient agencies for MRF Operation, Door to Door IEC Activities, promoting source segregation and backyard composting.
- xii) Periodic IEC activities undertaken in major festivals like Swachh Holi, Swachh Biswakarma Puja, Swachh Durga Puja, Swachh Diwali and Swachh Saraswati Puja. ULBs also actively participated in each central and state IEC activities like Indian **Swachhata League 2.0, Swachhata hi Seva, SwachhTeerth Campaign** etc.
- xiii) **'Swachh School Swachh Shehar'** campaign launched with Akshar Foundation in Guwahti to promote source segregation and sense of sanitation among school children.
- xiv) Task Force constituted at ULB level and District level for better Municipal Solid Waste Management.

6. Progress in Legacy Waste Remediation since last hearing

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 land reclaimed**. A **progress of 24%** is attained since the last hearing of Hon'ble NGT .

Sl	ULB Name	Remediated Qty(MT)	Progress	Present Status
1	N Lakhimpur MB	39000	100%	67 Bigha land reclaimed.
2	Doomdooma	18000		
3	Margherita	25000		
4	Mariani	10560		
5	Tinsukia & Makum	50000		
6	Digboi	19200		
7	GMC	586960	39%	Remediation work going on.
8	Jorhat	47661	30%	
Total		796381		

- **EIMC, DoNER** approved INR **70.52 Cr** to remediate **8.3 Lakh MT** of legacy waste in **39 ULBs**. Tendering to begin shortly.
- Details of **Refused Derived Fuel (RDF)** from the Legacy waste remediation sites are being sent to Dalmia Cement Factory for Co-processing:

Sl .No	ULBs	RDF sent for Co-processing	Source
1	GMC	25000 MT	Legacy Waste
2	North Lakhimpur	1000 MT	
3	Jorhat	249.93 MT	Seized Plastic
4	Nagaon	450 Kg	
5	Raha	35 Kg	
6	Tezpur	253.82 MT	

7.0. Points of Consideration :

(i) **State Budget including Ring Fenced and coverage under other Centrally assisted programs :**

Sl no	Component	Particulars	Budgetary provision in state budget for ongoing and proposed projects in Rs. Crore	Central Provision Like SBM 2.0/AMRUT/NESID/EAP (Rs. in Crore)	Total (Central + State)
1	Solid Waste Management	Waste to Compost (GMC)	17.25	--	17.25
2		Wet/Dry/Inert processing facilities for 96 ULBs	233.99	118.3 (SBM 2.0)	363.35
3		Landfill for GMC	11.06		
4		Legacy waste management for GMC	172.5	102.73 (Proposed under NESID)	275.23
5		Legacy waste management for Jorhat MB	10	---	10.00
6		Additional Sum for Legacy	122.98		122.98

		Waste Management			
Total			567.78	221.03	798.81
7	Used Water Management	Guwahati Borsola STP	15.99	---	15.99
8		Nagaon STP	12.56	---	12.56
9					
10		Guwahati 3 Nos(Silsako, Borsola and Pachim Boragaon) of 187 MLD	--	2365.00 (EAP)	2365.00
11					
12		STP for 92 ULBs	417.85	350.78 (SBM 2.0)	768.63
13		2 ULBs (Silchar MB & Dibrugarh MB)	---	54.036 (AMRUT 2.0)	54.036
Total			446.40	2769.816	3216.216
Grand Total			1014.18	2990.846	4005.026

(ii)	Technical assistance at District level	An online platform for updation of data regarding compliance of Hon'ble NGT guidelines/directions is being developed. Stakeholders/line Departments will be provided with login ID for updation of data corresponding to their respective Department/District
(iii)	SWM measures taken in small ULBs	<ul style="list-style-type: none"> Assam took Model Ward initiative in all 103 ULBs of Assam. In this initiative 6800 backyard compost pits were created and 82 NGOs, 308 SHGs and 677 Informal Waste-workers

		<p>participated.</p> <ul style="list-style-type: none"> Engaged efficient agencies for Door to Door IEC Activities, Promoting Source Segregation and Promoting Backyard Composting , route mapping and retrofitting of waste collecting vehicles initiated. A sample copy of the action plan prepared is attached along. MRFs and SLFs being developed in 95 ULBs for sustainable management of Municipal Solid wastes generating from the ULBs. 10 Projects have already started.
	UWM measures taken in small ULBs.	To explore Nature Based low cost Technologies to minimize the CAPEX and OPEX in ULBs having less than 20,000 populations EoI notification published for empaneling efficient agencies for setting up STPs on EPC mode.
(iv)	Support from MoHUA	Support taken from MoHUA for model DPRs/Bid documents to avoid delay in tendering process.
(v)	Emphasis to maximize use of treated sewage water.	<ul style="list-style-type: none"> SBM-(U), Assam has given emphasis in reusing the treated water. Dedicated policy for reutilization of treated water being drafted by UNICEF. SBM-(U), Assam is also focusing on reusing treated water in ULBs to become Water+.
(vi)	Utilization of Legacy Waste Remediation by-products	<ul style="list-style-type: none"> ➤ MoU signed for sending Refused Derived Fuels generated due to remediation of Legacy Wastes from GMC to cement plant for co-processing. ➤ MoUs signed in Margherita and Doomdooma ULB with cement factory for co-processing the RDFs. ➤ Inerts generating from Legacy Waste Remediation in N Lakhimpur MB were used for low land filling using Geo-mats.
(vii)	Innovative Ideas/initiatives undertaken	<p>A dedicated cadre of 103 “Assam Urban Administrative Service” officers have been created wherein the 1st batch of Executive Officers have been recruited through APSC.</p> <p>Most Outstanding District Initiative (MODI) has been introduced by the Govt of Assam to award the best performing district with an amount of R. 100Cr based on assessment of existing sanitation infrastructure and preparedness for providing the same.</p>

		<p>As per directions of Hon'ble NGT, exposure visit was made by officials from DoHUA to the State of Odisha to study the Nature Based Technologies used in the existing STPs in Odhisa and the same was used for floating EOI for empanelling agencies to construct STPs in small ULBs having less than 20,000 populations has been floated</p> <p>Govt. of Assam has approved a unique initiative of “Doh Sahar Ek Rupayan” to hand hold 10 major ULBs of the State to attain visible cleanliness.</p>
--	--	--

=====

994
Waste Generated
in the ULBs of Assam

Sl. No.	ULB Name	Waste Generated	Waste Collected	Waste Processed
1	G.M.C	550	550	137.5
2	Silchar M.B.	85	84	70
3	Jorhat M.B.	51	50	44
4	Nagaon MB	55	54	51
5	Tinsukia M.B.	46	45	43
6	Bongaigaon M.B.	23	22	19
7	N. Lakhimpur M.B.	18	17	14
8	Dibrugarh M.B.	56	55	52
9	Goalpara M.B.	18	17	14
10	Haflong MB	14	13	10
11	Karimganj M.B.	14	13	9
12	Mangaldoi M.B.	9	8	4
13	Naharkatia MB	4.5	4.1	2
14	Sivasagar M.B.	22	21	18
15	Kharupetia MB	10	9	6
16	Golaghat M.B.	13.75	12	9
17	Rangia M.B.	6.2	5	2
18	Rangapara MB	7	6	3
19	Howly MB	6.3	5.4	2.6
20	Doom Dooma MB	6	4.8	2
21	Dhekiajuli M.B.	10	8.7	6
22	Kajalgaon MB	5	4	1.9
23	Dhubri M.B.	10	9	7
24	Barpeta M.B.	10	9	7
25	Bilasipara MB	5.76	4	2
26	Dergaon M.B.	5.72	4	2
27	N.Guwahati MB	6.6	5	3
28	Tezpur M.B.	27	26	24
29	Morigaon M.B.	11	10	8
30	Raha MB	3.1	2.7	1.7
31	Digboi MB	6	5	3.03
32	Bihpuria MB	4	3.24	1.34
33	Udalguri MB	4	3.1	1.4
34	Nazira M.B.	3.1	2.7	1
35	Tihu MB	3	1.8	0.18
36	Sonai MB	4	3.6	2
37	Gohpur MB	2.5	2.2	0.6
38	Margherita MB	6	4.3	2.8
39	Kokrajhar M.B.	10.4	9.9	8.4
40	Moriani MB	7	6.5	5
41	Hojai M.B.	6	4.4	3
42	Lakhipur MB (G)	3.7	3.3	1.9
43	Dhemaji MB	4.2	3	1.64
44	Amguri MB	5	4.8	3.5
45	Sapatgram MB	1.82	1.6	0.33
46	Narayanpur MB	3.2	2.88	1.76
47	B. Chariali M.B.	3.5	2.6	1.5
48	Chapakhowa MB	2	1.6	0.5
49	Namrup MB	3	1.4	0.3
50	Barpeta Rd. M.B.	6	5.1	4
51	Dhakuakhana MB	3	2	0.93

995
Waste Generated
in the ULBs of Assam

Sl. No.	ULB Name	Waste Generated	Waste Collected	Waste Processed
52	Tangla MB	3.6	2.2	1.2
53	Teok MB	4	3	2
54	Nalbari M.B.	9	7	6
55	Abhayapuri MB	4	3	2
56	Basugaon MB	4.38	3	2
57	Makum MB	4.4	3	2
58	Sonari M.B.	1.4	1.2	0.2
59	Bokajan MB	2.9	2.6	1.7
60	Titabar MB	2.2	1.8	0.9
61	Bokolia MB	2.65	1.7	0.8
62	Chabua MB	4.2	3.4	2.5
63	Sorbhog MB	1.8	1.7	0.8
64	Gauripur MB	3.9	2.8	1.95
65	Lanka M.B.	5	3.8	3
66	Chapar MB	4.05	3.6	2.87
67	Gossaigaon MB	2.5	1.9	1.2
68	Simaluguri MB	2.1	1.7	1
69	Lala MB	3	1.8	1.2
70	Moran MB	1.1	0.8	0.2
71	Pathsala MB	1.2	1.1	0.5
72	Barpathar MB	1.5	1.2	0.6
73	Sarupathar MB	1.5	1.2	0.6
74	Silapathar MB	3	1.6	1.04
75	Mahur MB	1.75	1.6	1.05
76	Sarthebari MB	1.2	0.8	0.3
77	Hailakandi M.B.	4	3.7	3.2
78	Lakhipur M.B. (C)	3.8	3.5	3
79	Maibang MB	1.83	1.54	1.14
80	Dhing MB	1.4	1	0.6
81	Umrangshu MB	1.6	1.2	0.8
82	Lumding M.B.	1.6	1.4	1
83	Dokmoka MB	0.75	0.52	0.3
84	Diphu MB	4	3.6	3.4
85	Doboka MB	2.4	2	1.8
86	Demow MB	1.7	1.4	1.2
87	Palasbari M.B.	1.3	1	0.8
88	Howraghat MB	0.66	0.41	0.25
89	Goreswar	0.53	0.32	0.2
90	Bijni MB	2.04	1.85	1.74
91	Kampur MB	2	1.3	1.2
92	Bokakhat MB	1.3	1	0.9
93	Hamren MB	0.7	0.5	0.4
94	Donkamakum MB	1.3	1	0.98
95	Patacharkuchi MB	1.2	0.5	0.5
96	Badarpur MB	0.31	0.28	0.28
		1311.1	1285.24	681.111

Data Source: MIS Feb'2024

End of Report

Annexure-B

(Desilting and cleaning of Water Bodies)

a) Silsakoo Beel : The rejuvenation, bioremediation, and sustainable conservation works at Silsakoo Beel are ongoing. To increase the retention capacity of the beel, excavation work is in progress. The encroachments in the main channel area have been successfully removed, and fencing work has been implemented to prevent further encroachment. Along the length of Silsakoo Beel, an outer periphery drain is being excavated with embankments to divert wastewater and facilitate water treatment through bioremediation.

b) Borsola Beel: Construction work of 2 MLD STP at Borsola Beel started.

c) Bahini River, Bharalu River, Mora Bharalu Channel, Lakhimijaan and Basistha rivers:

- 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 carry out eviction of encroachment for widening of the Bahini river at 17 locations and also to ensure the right way to remove the desilted material
- Removal of encroachment and demarcation along the Bahini river was undertaken.
- 19 out of 25 bridges have been demolished or partially demolished as per the order of Hon'ble High Court. The Chairman, DDMA/ DC Kamrup (Metro) had issued orders for demolition of additional 06 bridges over the Bahini River and out of which 04 bridges have already been demolished and the rest 02 are to be demolished as soon as possible.
- Planning branch, GMC surveyed 99 numbers of plots along the side of Bahini river. Notices served to all of these.
- Survey has been completed by respective Divisions for widening of Bharalu river and Lakhimijann channel.
- Cleaning and de-silting of 05(five) major river channels: Bahini River, Bharalu River, Mora Bharalu Channel, Lakhimijaan and Basistha river undertaken. More than 95% physical progress for cleaning & desilting have been achieved for almost for all the rivers.
- Super sucker is being used for desilting of drains at Dispur Rotary point, near Vishal Mega Mart, Hengrabari and at Fakruddin Ali Ahmed Road, Juripar.
- Cleaning and De-silting of 143(one hundred forty-three) Drains has been completed. Remaining drains are being cleaned by engaging departmental or hired labour.
- Low Cost Technology as directed by Hon'ble NGT being proposed in ULBs with generation less than 1.0 MLD.

- Under SBM 2.0, infrastructure for co-treatment of fecal sludge at STP are proposed and 12 Nos. of DPRs are under preparation.
- Inspection of Hospital/RWA/Commercial establishments for STPs as per Building bye laws has regularly been done.