

National Mission for Clean Ganga

Monthly Progress Report in the NGT Matter O.A.No.673 from the month of Sep 2024 till Nov 2024 West Bengal

The Main Report

Overall status of the State:

- I. Total Population: Urban Population & Rural Population: **10.09 Cr.**
(3.09 Cr. Urban population & 7 cr. Rural population)
(estimated population for 2020)
(Source: www.census2011.co.in)
- II. Estimated Sewage Generation (MLD):
a. **2758 MLD (Urban area)**
b. **1400 MLD (Rural area)**
- III. Details of Sewage Treatment Plant (Urban Area): **53 (1968.79MLD)**
a. Existing no. of operational STPs including East Kolkata Wetland and Primary Treatment facilities:
b. No. of STPs under construction **10 (206.00 MLD)**
c. No. of STPs under renovation **5 (70.20 MLD)**
d. No. of STPs under proposal/tender stage **26 (610.29 MLD)**
- IV. Total Treatment Capacity (a+b+c+d) **2855.28 MLD**
- New proposals for setting up of STPs are under the consideration of NMCG/ AMRUT/ State Scheme. WBSPMG is in close liaison with NMCG and other institution for any clarification / modification.
 - To address the sewage generation in Rural areas, Sanitation Wing of Department of P&RD, GoWB has taken a separate Programme which includes setting up of FSTPs.
 - Sewage treatment capacity in Private STP is approximately 78 MLD.

N.B.

1. STPs at Hooghly-Chinsurah & Kamarhati – Baranagar have been put under operation.
2. STPs at Sreenathpur and Silver Jubilee Road at Ranaghat, Nadia are under O&M from 19.10.2024.
3. Two STPs (Garden Reach and Keorapukur) which were earlier under operational list is now currently shown in under renovation. This decision was taken in the RRC Meeting held on 30.06.2023 as the sanction received from NMCG vide F.No. Pr-12013/7/2022-TECH CONSTRUCTION NMCG dated 25.10.2022 and F.No. Pr-12013/15/2018-TECH CONSTRUCTION NMCG dated 07.09.2022, these two Projects have been shown as 'rehabilitation (renovation)'.
4. For Garden Reach (57 MLD) and Keorapukur (45 MLD) STPs which are currently under operational list, additional augmented capacity of 8 MLD for Garden Reach and 5 MLD for Keorapukur are considered and listed under Renovation list.
5. STP at Santragachi Jheel (1.5 MLD Capacity) is under construction funding under State Head treating waste water before discharging into Nazirganj canal (CPCB identified big drain).
6. Another STP at Khardah (8.15 MLD) is under proposal stage.

Details of operational STPs in the State
EA=Executing Agency

Sl.No.	River/Coastal Stretch	EA	Location	Existing STP Capacity (MLD)
1	Ganga	KMDA	STP Kalyani-I	11.00
2	Ganga	KMDA	STP Kalyani-II	10.00
3	Ganga	KMDA	Nabadwip	9.50
4	Ganga	KMDA	Gayeshpur	8.33
5	Ganga	KMDA	Konnagar	22.00
6	Ganga	KMDA	Baidyabati	6.00
7	Ganga	KMDA	Bhadreswar	7.60
8	Ganga	KMDA	Chandannagar, Khalisani, Chinsurah-Hooghly	18.16
9	Ganga	KMDA	Chandannagar, Khalisani, Chinsurah-Hooghly	4.54
10	Ganga	KMDA	Bansberia	0.30

			Naihati	11.56
12	Ganga	KMDA	Naihati	6.50
13	Ganga	KMDA	Garulia	4.10
14	Ganga	KMDA	Titagarh	4.54
15	Ganga	KMDA	Titagarh	4.54
16	Ganga	KMDA	Bandipur (Khardah)	14.10
17	Ganga	KMDA	Panihati	12.00
18	Ganga	KMDA	Jagaddal Bhatpara New	31.00
19	Ganga	KMDA	Shyamnagar	10.00
20	Ganga	KMDA	Jagaddal Bhatpara old	9.50
21	Ganga	KMDA	Kankinara STP, Madrail, Bhatpara	10.00
22	Ganga	KMDA	Barrackpore	18.00
23	Ganga	KMDA	Barrackpore	6.00

			Halisahar	16.00
25	Ganga	KMDA	Kanchrapara	18.00
26	Ganga	KMDA	Budge-Budge	9.30
27	Ganga	KMDA	Bally (Kona)- Kona, Chakpara	62.00
28	Ganga	KMDA	Howrah-Arupara	65.00
29	Ganga	KMDA	Kamarhati - Baranagar -Kamarhati, Mathkol, near Belgachia Metro Car Shed	60.00
30	Ganga	KMDA	Hooghly-Chinsurah	26.50
31	Churni	KMDA	Sreenathpur	4.00
32	Churni	KMDA	Silver Jubilee Road	2.60
33	Ganga	KMC	Keorapurkur	45.00
34	Ganga	KMC	Garden Reach	57.00
35	Vidyadhari	KMC	Bangur	52.00
36	Vidyadhari	KMC	Baghajatin	15.00
37	Vidyadhari	KMC	Hatisur	10.00
38	Vidyadhari	KMC	East Kolkata Wetlands	910.00
39	Ganga	PHED	Nabadwip Municipality Nadia	10.50

			Katwa Municipality, PurbaBurdwan	4.36
41	Ganga	PHED	Diamond Harbour Municipality	2.03
42	Ganga	PHED	Murshidabad Municipality	1.96
43	Ganga	PHED	Berhampore Murshidabad	3.70
44	Vidyadhari	PHED	New Town Kolkata (Action Area IIC)	31.00
45	Vidyadhari	PHED	New Town Kolkata (Action Area IIB)	14.00
46	Vidyadhari	PHED	New Town, Rajarhat Action Area- IIID	24.00
47	Dwarka	PHED	Tarapith	4.25
48	Coastal	PHED	Digha Sankarpur Development Area	6.70
49	Ganga	MED	Jiagunj-Azimgunj Takia Oxidation Pond	0.69
50	Ganga	MED	Jiagunj-Azimgunj Takia Oxidation Pond	0.69
51	Vidyadhari	UDMA (SLRDC)	Kestopur	27.24
52	Vidyadhari	NKDA, PHED	DhilerBheri	150.00
53	Damodar	DMC	Durgapur City Centre	1.00
Primary Treatment			Kaljani/Karola/Mayurakshi/Shilabati/ Kansi/Rupnarayan/Dwarkeswar/Jalan gi Rivers	95.00
Total				1968.79

Details of under Construction STPs in the State

EA-Executing Agency

No.	River/Coastal Stretch	EA	Location	Capacity of the plant in MLD	Completion Timeline
1	Ganga	KMDA	Baharampore	3.50	EoT applied till March 2025
2	Ganga	KMDA	Raghunathganj	5.00	EoT applied till March 2025
3	Ganga	KMDA	Jangipur	8.00	EoT applied till March 2025
4	Ganga	KMDA	Maheshtala	35.00	EoT applied till May 2025
5	Ganga	KMDA	North-Barrackpore	30.00	July 2025
6	Ganga	KMDA	Chakdah	15.00	Sep 2025
7	Ganga	KMDA	Santragachi	1.50	August, 2025 (Including Trial Run)
8	Ganga	KMC	Rania	23.00	December 2024
9	Ganga	KMC	Joka	45.00	January 2025
10	Ganga	KMC	M.G. Road	40.00	January 2025
			Total	206	

Details of STPs in the State under Renovation

EA- Executing Agency

No.	River/Coastal Stretch	EA	Location	Existing STP Capacity (MLD)	Compliance Status of STP
1	Mahananda	KMDA	Mahananda Left Bank, Siliguri	32.00	Under Rejuvenation
2	Mahananda	KMDA	Jorapani & Fuleswari River, Siliguri	24.00	Under Rejuvenation
3	Mirik Lake	MED	Mirik (STP -1; Krishnagar Ward No: 5)	0.60	Under Rejuvenation
4	Mirik Lake	MED	Mirik (STP -2; Adjacent to Aquarium Ward No: 3)	0.30	Under Rejuvenation
5	Mirik Lake	MED	Mirik (STP -3; Home Dara Ward No: 3)	0.30	Under Rejuvenation
Additional capacity of Garden Reach STP				8.00	Work started, New construction with augmented capacity of 65 MLD.
Augmentation of Keorapukur STP				5.00	Augmented capacity of 50 MLD.
Total				70.2	

Details of STPs under Tendering/proposal stage in the State
EA-Executing Agency

No.	River/Coastal Stretch	EA	Location	Capacity of the STP proposed in MLD
1.	Ganga	KMDA	Murshidabad	5.00
2.	Ganga	KMDA	Uluberia	11.00
3.	Ganga	KMDA	Krishnanagar	14.00
4.	Ganga	KMDA	Kestopur	41.00
5.	Ganga	KMDA	Santipur	18.10
6.	Ganga	KMDA	Champdani	30.00
7.	Ganga	KMDA	Serampore	115.00
8.	Ganga	KMDA	North-Barrackpore	12.00
9.	Ganga	KMDA	Diamond-Harbour	10.40

			Jiaganj - Azimganj	1.50
11.	Ganga	KMDA	Khardah	8.15
12.	Churni	KMDA	Jianagar	5.20
13.	Damodar & Barakar	KMDA	Durgapur/Asansol	46.00
14.	Mahananda	KMDA SJDA	West Bank	48.00
15.	Vidyadhari	KMDA	Baranagar	8.70
16.	Vidyadhari	KMDA	North Dumdum	33.00
17.	Vidyadhari	KMDA	South Dumdum	27.00
18.	Vidyadhari	BMC	Bidhannagar	7.50
19.	Ganga	KMC	Bansdroni (TNP)	11.60
20.	Ganga	KMC	Golf Green (TNP)	3.50
21.	Ganga	KMC	Birji Road (TNP)	10.00

21.	Ganga	KMC	Birji Road (TNP)	10.00
22.	Ganga	KMC	Dhankheti Nikashi	25.00
23.	Ganga	KMC	Bhanga Khal, Garden Reach	35.00
24.	Ganga	KMC	New Keorapukur	25.00
25.	Ganga	KMC	Strand Road	23.00
26.	Non-Ganga	KMC	New Baghajatin	26.00
Additional capacity of Katwa STP (Augmented capacity 14.00 MLD.)				9.64
Total			26 STPs	610.29

IV. Details of Industrial Pollution:

No. of industries in the State (Red = 4339, Orange = 14916)	=19255
No. of water polluting industries in the State	=456
Effluent generation from industries	=1360.87 MLD
No. of industries having ETPs	=456
Total treatment capacity of ETPs	=1360.87 MLD
No. and capacity of existing CETP (8modules each of 5 MLD)	=40 MLD
All industries in the Calcutta Leather Complex are connected to CETP	

V. Bio-medical Waste Management:

No. of Hospitals and Health Care Facilities	=9927
Total Bio-medical generation	=43120.87 kg / day
Status of Treatment Facility / CBMWTF	= 10 CBMWTF are operating
Treatment capacity	= 2,39,000 bed

All Biomedical wastes generated in the state are treated at the Ten (10) Common BMW Treatment, Storage & Disposal Facilities. Setting up of few more CBMWTSDF are in progress.

VI. Hazardous Waste Management:

No. of Industries generating Hazardous waste	=843
Total Hazardous Waste generation	=244092.0 MTA
Treatment Capacity of all CHTSDFs	
Land fill capacity	=2,20,000 MTPA
Land fill after treatment	=1,20,000 MTPA
Incineration	=14,400 MTPA
Average quantity of hazardous Waste reaching TSDF	= 53935.27 MT

Two Nos CHWTSDF at Haldia, East Medinipur and at Saltora, Bankura are in operation.

- VII.** Details of Nodal Officer appointed by Chief Secretary in the State /UT:
- o Principal Secretary, Department of Environment, Govt. of West Bengal.

VIII. Ground water regulation:

River	Groundwater regulation
Vidyadhari	<ul style="list-style-type: none"> • Groundwater extraction is regulated according to West Bengal Ground Water Resources (Management, Control and Regulation) Act, 2005 by SWID, GoWB. • Water meter without telemetry system is installed at industrial tube well permitted by SWID. • Groundwater Resources Estimation and Assessment (2016-2017) is done as per GEC'97 guidelines. • Groundwater level (GWL) monitoring is done periodically four times a year (Jan, April, Aug & Nov). A few manual GW Level Monitoring stations is converted to Real-Time GW Level Monitoring stations by installation of Digital Water Level Recorder (DWLR). GWL data for the month of Jan, April, Aug'20, Nov'20 & Jan'22 has been generated. GWL monitoring for the month of April'22 is continued.
Mathabhanga	<ul style="list-style-type: none"> • Groundwater extraction is regulated according to West Bengal Ground Water Resources (Management, Control and Regulation) Act, 2005 by SWID, GoWB. • Water meter without telemetry system is installed at industrial tube well permitted by SWID. • Groundwater Resources Estimation and Assessment (2016-2017) is done as per GEC'97 guidelines.
Dwarka	<ul style="list-style-type: none"> • Groundwater level (GWL) monitoring is done periodically four times a year (Jan, April, Aug & Nov). A few manual GW Level Monitoring stations is converted to Real-Time GW Level Monitoring stations by installation of Digital Water Level Recorder (DWLR). Post-Monsoon (Nov'22) GW level data is generated. All are "safe" categorized block along polluted stretches of Dwarka & Mathabhanga River except the following Block. • Dwarka River Stretch: <i>Semi-Critical-</i> Rampurhat-II (Birbhum Dist) • Mathabhanga river stretch: <i>Semi-Critical-</i> Deganga (North 24 Parganas dist.) • Periodic groundwater sampling for its Physio-chemical tests is done twice a year (April & Nov).
Damodar	<ul style="list-style-type: none"> • Water meter without telemetry system is installed at industrial tube well permitted by SWID. • Groundwater Resources Estimation and Assessment is done as per GEC'97 guidelines.
Barakar	<ul style="list-style-type: none"> • Groundwater level (GWL) monitoring is done periodically four times a year (Jan, April, Aug & Nov). GWL database for Aug'20 (monsoon) has been

	<p>Ground water regulation:</p> <ul style="list-style-type: none"> • Installation of Water Meter with telemetry system at industrial Tube Wells for monitoring of real-time GW withdrawal is in progress. • Implementation of Real-Time GW Level monitoring system is in progress. • Ground water monitoring: <p>Post-Monsoon (Nov'22) GW level data against 136 GW monitoring stations under the blocks along polluted stretch of River Ganga is generated. GW Monitoring Stations (136)= 92 (Manual) + 44 (Real-Time)</p> <p>Post-Monsoon (Nov'22) GW sampling from 52 GW monitoring stations under the blocks along polluted stretch of River Ganga is completed.</p>
River	Groundwater regulation
Churni	<p>Groundwater regulation:</p> <ul style="list-style-type: none"> • Water meter without telemetry system is installed industrial tube-well. • Physio-chemical quality of groundwater samples collected from GW monitoring wells during pre-monsoon and post-monsoon period is tested every year. <p>Groundwater monitoring:</p> <p>Post-Monsoon (Nov'21) GW level data against 136 GW monitoring stations under the blocks along polluted stretch of River Churni is generated.</p> <p>GW Monitoring Stations (52)=42 (Manual) + 10 (Real-Time)</p> <p>Post-Monsoon (Nov'22) GW sampling from 52 GW monitoring stations under the blocks along polluted stretch of River Churni is completed.</p>
Kansi	<ul style="list-style-type: none"> • Groundwater extraction is regulated according to West Bengal Ground Water Resources (Management, Control and Regulation) Act, 2005 by SWID, GoWB. • Water meter without telemetry system is installed at industrial tube well permitted by SWID. • Groundwater Resources Estimation and Assessment (2016-2017) is done as per GEC'97 guidelines.
Mayurakshi	<ul style="list-style-type: none"> • Groundwater level (GWL) monitoring is done periodically four times a year (Jan, April, Aug & Nov). A few manual GW Level Monitoring stations is converted to Real-Time GW Level Monitoring stations by installation of Digital Water Level Recorder (DWLR). Post-Monsoon (Nov'22) GW level data is generated. • All are "safe" categorized block along polluted stretches of Kansi, Mayurakshi, Rupnarayan, Jalangi River except the following Blocks. <ul style="list-style-type: none"> ✓ Kansi River Stretch: <i>Semi-Critical-</i> Keshpur, Debra (Paschim Medinipur Dist) <i>Critical-</i> Panshkura (Purba Medinipur Dist) ✓ Mayurakshi River Stretch: <i>Semi-Critical-</i> Suti-I (Murshidabad Dist), Labhpur (Birbhum Dist) ✓ Jalangi River Stretch: <i>Semi-Critical-</i> Berhampur, Nowda (Murshidabad Dist), Tehatta-II, Chapra (Nadia Dist) <i>Critical-</i> Domkal (Murshidabad Dist), Karimpur-II, Tehatta-I, Nakashipara, Krishnagar-II, Krishnagar-I (Nadia Dist) <p>Groundwater sampling for its Physio-chemical tests is done twice a year (April & Nov). Post-Monsoon(Nov'22) GW sampling is completed.</p>
Rupnarayan	
Jalangi	
Silabai	
Dwarekeswar	
Kaljani	
Karola	<ul style="list-style-type: none"> • Control and Regulation) Act, 2005 by SWID, GoWB. • Water meter without telemetry system is installed at industrial tube well permitted by SWID. • Groundwater Resources Estimation and Assessment (2016-2017) is done as per GEC'97 guidelines. • Groundwater level (GWL) monitoring is done periodically four times a year (Jan, April, Aug & Nov). A few manual GW Level Monitoring stations is converted to Real-Time GW Level Monitoring stations by installation of Digital Water Level Recorder (DWLR). Post-Monsoon (Nov'22) GW level data is generated. All are

	<p>“safe” categorized block along polluted stretches of Silabati, Darakeswar, Kaljani and Karala River.</p> <ul style="list-style-type: none"> • Groundwater sampling for its Physio-chemical tests is done twice a year (April & Nov). Post-Monsoon(Nov’22) GW sampling is completed.
Mahananda	Groundwater regulation:
Teesta	<ul style="list-style-type: none"> • Groundwater extraction is regulated according to West Bengal Ground Water Resources (Management, Control and Regulation) Act, 2005. • Water meter without telemetry system is installed at industrial tube well permitted by SWID. • Groundwater Resources Estimation and Assessment (2016-2017) is done as per GEC’97 guidelines. • Groundwater level (GWL) monitoring is done periodically four times a year (Jan, April, Aug & Nov). A few manual GW Level Monitoring stations is converted to Real-Time GW Level Monitoring stations by installation of Digital Water Level Recorder (DWLR). Post-Monsoon (Nov’22) GW level data is generated. <p>All are “safe” categorized blocks along polluted stretch of Teesta and Mahananda river. Groundwater sampling for its Physio-chemical tests is done twice a year (April & Nov).</p>

IX. Good irrigation practices being adopted by the State:

River	Stretch of the river	Good irrigation practices
Dwarka	Tarapith to SadhakBamdeb Ghat	A command area of 6735 ha in Rampurhat-II block is irrigated by the canal system of Mayurakshi barrage project belonging to I&W Department. At present a major canal renovation work of the Mayurakshi Reservoir Project for a total length of 67 km. is going on since 2018-19 which inter alia includes the canal system of length of 19 km in Rampurhat-II block.
Ganga	Tribeni to Diamond Harbour	By diverting tidal water through the sluices on the bank of the river irrigation is provided at (a) Mograhat-I & II, Mandirbazar, Diamond Harbour-I & II through Diamond Harbour Canal system (1500 ha), at Budge Budge-I & II blocks, Bishnupur-I & II blocks through Charial Canal (1580 ha) Uluberia, Shyampur, Bagnan-I and Bagnan-II blocks. Through Rajapur Canal, Purana canal, Chandanpara canal and Nakal canal (1500 ha). Repair of sluices and canal system are taken up as and when required.
Kansi	Midnapore to Ramnagar	Irrigation is provided at Kharagpur-II and Debra blocks through Medinipur Main Canal System originating from Medinipur Anicut. This canal system along with Medinipur structure has been rehabilitated recently which also includes the canal system in Medinipur, Kharagpur- I and Debra blocks. As a result irrigation has been started in these areas after a decade.
Dwarekeswar	Along Bankura	Irrigation is provided in Onda block from the canal system of Kangsabati Reservoir Project. Moreover there are four medium and minor irrigation schemes in Bankura-I and Onda blocks namely Niada (405 ha), Birai (2700 ha), Horajore (80 ha) and Abarda (80 ha) through which 3265 ha area is irrigated. The canal system of the aforesaid schemes and the regulating structure has undergone major rehabilitation during last two years.
Kaljani	Bitala to Alipurduar	Irrigation is provided at 1000 ha of area in Kalchini block through 2 minor surface irrigation schemes on streams out falling into Kaljani river.

Karola	Jalpaiguri to ThakurerKamat	A command area of 24385 ha in Rajganj block is irrigated through the Canal system of Teesta Barrage Project.
Mayurakshi	Suri to Durgapur	A command area of 1196 ha in Suri-I block is irrigated through the canal system of Mayurakshi Reservoir Project.
Rupnarayan	Kolaghat to Benapur	Areas of different blocks are irrigated from tidal water through the sluice and canals belonging to I& W Department like in Amta-II (4807 ha), Sahid Matangini (3765 ha), Bagnan-I (2024 ha), Bagnan-II (1518 ha) and Shyampur-I & II (8805 ha).
Teesta	Siliguri to Paharpur	Command areas of 24385 ha in Rajganj block, 5080 ha in Mal block, 400 ha in Maynaguri block and 14760 ha in Jalpaiguri Sadar block are irrigated through the canal system of Teesta Barrage Project.

X. Rain Water Harvesting:

River	Roof Top Rainwater Harvesting and Reuse and / or Artificial Recharge to Groundwater
Damodar	1 in Kanksa Block is in progress.
Barakar	
Ganga	1) Barrackpur-II Block- 2 (2 completed) 2) KMC- 10 (existing) & 3 (3 completed in 2020-2021) 3) Diamond Harbour-I Block- 1 (existing) 4) Diamond Harbour-II Block- 1 (existing)
Churni	Hanskhali- 5 (existing)

In Ganga and Churni 12 Rooftop Rain Water Harvesting infrastructure have been constructed.

XI. Department of Environment has received a Report on demarcation of Flood Plain Zone of river Ganga which has been prepared by the Department of Geography, University of Calcutta. The final Report after considering the observation from different Departments is under preparation.

River	Demarcation of flood plain, removal of illegal encroachments from embankments and protection and management of flood
Vidyadhari	There is no illegal encroachment on the river embankments. Total 2.60 km bank protection works amounting Rs.14.40Crore will be taken up at right bank of river Vidhyadhari during 2020-21.
Mahananda	There is no embankment on either side of the river in this stretch. Bank protection works are taken up as and when required to protect the adjoining areas. 1.40 km bank protection work amounting Rs. 3.58 Crore is already completed by which 18900 people under 112 Ha areas may be benefitted. 3.00 km bank protection work amounting Rs.7.64Crore will be taken up during 2020-21, by which 32000 people under 465 Ha areas may be benefitted.
Churni	There is no embankment on either side of the river in this stretch. Bank protection works are taken up as and when required to protect the adjoining areas. 0.5 km bank protection work of Rs. 1.88 Crore will be taken up during 2020-21, by which 2000 people in 98 Ha of areas may be benefitted.
Dwarka	There is no embankment on either side of the river in this stretch. For this stretch, Bank protection works are being taken by Tarapith-Rampurhat Development Authority (TRDA).
Ganga	There is no illegal encroachment on the river embankments. In left bank, 0.135 km bank protection work of Rs. 2.61 Crore is under running and 1.045 km bank protection work of Rs.11.17Crore will be taken during 2020-21. In right bank, 0.900 km bank protection work of Rs. 6.21 Crore will be executed during 2020-21.
Damodar	There is no embankment on either side of the river in this stretch. Bank protection works are taken up as and when required to protect the adjoining areas. At present there is no such requirement of taking up anti erosion work in this stretch of river.
Jalangi	There is no embankment on either side of the river in this stretch. Bank protection works

	are taken up as and when required to protect the adjoining areas. 1.05 km bank protection work of Rs. 3.15 Crore is under progress, by which 3500 people under 205 Ha areas may be benefitted.
Kansi	There is no illegal encroachment on the river embankments. 1.5 km bank protection work of Rs. 3.62 Crore is already completed by which 13800 people under 700Ha areas may be benefitted.
Mathabhanga	There is no embankment on either side of the river in this stretch. Bank protection works are taken up as and when required to protect the adjoining areas. At present, there is no such vulnerable zone noticed in this stretch. However, protection work will be taken up as & when required.
Barakar	There is no embankment on either side of the river in this stretch. Bank protection works are taken up as and when required to protect the adjoining areas. At present, there is no such vulnerable zone noticed in this stretch. However, protection work will be taken up as & when required.
Dwarekeswar	There is no embankment on either side of the river in this stretch. Bank protection works are taken up as and when required to protect the adjoining areas. A bank protection work of length 300 m of amounting Rs. 0.87crore is already executed in 2020-21 by which 790 people under 1.67 Ha area will be benefitted.
Kaljani	There is no illegal encroachment on the river embankments. 2.92 km bank protection work of Rs. 4.49Crore is already completed by which 5900 people under 96 Ha areas may be benefitted. Further, 1.01 km bank protection work of Rs. 1.52 Crore will be taken during 2020-21, by which 3000 people under 74 Ha areas may be benefitted.
River	Demarcation of flood plain, removal of illegal encroachments from embankments and protection and management of flood
Karola	There is no illegal encroachment on the river embankments. 2.03 km bank protection work of Rs. 3.78 Crore is already completed by which 9000 people under 102 Ha areas may be benefitted.
Mayurakshi	There is no illegal encroachment on the river embankments. No such work envisaged for this stretch of river Mayurakshi. There is no such vulnerable zone noticed in both sides of the river stretch. So at present no future plan is there for execution of protection work.
Rupnarayan	The Department has taken appropriate measure to remove illegal encroachment on the river embankments. A 1.132 km bank protection work of Rs. 3.68 Crore is already completed, by which 4600 people under 158 Ha areas may be benefitted. Further, 4.50 km bank protection work of Rs. 12.96 Crore is also completed during 2020-21.
Teesta	There is no illegal encroachment on the river embankments. 10.61 km bank protection work of Rs. 31.41 Crore is under running, by which 42000 people under 1580 Ha areas may be benefitted.

XII. Maintaining minimum e-flow of river:

River	Maintaining minimum environmental flow of river
Vidyadhari	The river is a perennial river. There is no regulating structure exists on this river for regulation of river flow. The environmental flow is naturally maintained from the river flow which is a combination of surface flow and base flow.
Mahananda	Average flow about 15.00 cumec is being released from Mahananda Barrage throughout the day during lean season since last three year, for maintaining minimum environmental flow of river.
Churni	The river is non-perennial. There is no regulating structure exists on this river for regulation of river flow. The environmental flow is naturally maintained from the river flow which is a combination of surface flow and base flow.
Dwarka	
Janangi	
Mathabhanga	
Kaljani	
Dwarekeswar	
Karola	
Silabati	
Ganga	The river is a perennial river. The environmental flow is maintained through the release from the Farakka Barrage throughout the year.
Damodar	There is no regulating structure in West Bengal. However, there is a dam in

	Panchet over Damodar river in Jharkhand under the control of DVC, which regulates the flow through this river. This release from the Dam, along with the contribution from the uncontrolled catchment of the d / s of the dam, maintains environmental flow in the river.
Kansi	The discharge through Kansabati river is regulated from the major dam at Mukutmanipur, Bankura. The regulated release from dam, along with the contribution from the uncontrolled catchment of the d / s of the dam, maintains environmental flow in the river.
Barakar	There is no regulating structure in West Bengal. However, there is a dam in Mithon over Barakar river in Jharkhand under the control of DVC, which regulates the flow through this river. This Release from the Dam, along with the contribution from the uncontrolled catchment of the d / s of the dam, maintains environmental flow in the river.
Mayurakshi	There is no regulating structure in West Bengal. However there is a dam in Massanjore over Mayurakashi river, which regulates the flow through this river. This release from the Dam, along with the contribution from the uncontrolled catchment of the d / s of the dam, maintains environmental flow in the river.
Rupnarayan	The river is perennial river. There is no regulating structure exists on this river for regulation of river flow. The environmental flow is naturally maintained from the river flow which is a combination of surface flow and base flow.
Teesta	Depending on water availability, down-stream release is regulated.

XIII. Plantation activities along the rivers:

River	Plantation activity planned	Status of plantation
Vidyadhari	0.275 ha	Advance (Nursery work): completed.
Mahananda	29.8 ha	
Churni	7.265 ha	
Ganga	6 ha	
Damodar	20 ha	
Jalongi	8.49 ha	
Kansi	10 ha	
Barakar	50 ha	
Dwarekeswar	40.6 ha	
Rupnarayan	20 ha	
Karola	30 ha	

Total 107.1 km of Vetiver plantation has been done in the Ganga and Churni adjoining districts.

XIV. Development of Bio-Diversity park:

River	Number of biodiversity parks	Status of the biodiversity parks
Vidyadhari	4 nos. (Haroa: 3 nos; Minakhan: 1 nos)	Ongoing projects
Churni	1 no.	Ongoing project
Jalongi	3 nos.	Ongoing projects
Kansi	6 nos. (Chandrakona II : 2 nos.; Daspur I: 1 no.; Kharagpur I: 1 no.; Midnapore: 1 no.; Sabang: 1 no.)	Ongoing projects
Ganga	3 nos. (Budge Budge II: 1 no.; Diamond I: 1 no.; Diamond II: 1 no.)	Ongoing projects
Dwarekeswar	2 nos. (Bankura I: 1 no.; Onda I: 1 no.)	Ongoing projects
Mahananda	2 nos. (Phansidewa: 1 no.; Matigara: 1 no.)	Ongoing projects
Rupnarayan	3 nos. (Baidyanathpur: 1 no.; Orphuli: 1 no.; Antila: 1 no.)	Ongoing projects
Mayurakshi	Plan of 18 ha biodiversity park	

Total 18 bio-diversity parks have been set up.

XV. Reuse of Treated Water:

GoWB has notified a policy on Re-use of Treated Waste Water on 30th June, 2020.

- State is considering to update the policy framed on 30.06.2020 aligning with the National Framework on reuse of treated waste water (released by NMCG in November 2022).

Use of treated Sewage Water at Garden Reach -

- KMC and CESC are exploring the possibility of the re-use of treated waste water from Garden Reach STP in nearby Power plant.

Use of treated Sewage Water at Maheshtala-

- Concessionaire of 35 MLD at Maheshtala has been requested to prepare and submit a Reuse plan of Treated waste Water to Budge Budge thermal power plant. They are preparing the feasibility of the plan.

Use of treated Sewage Water at DVC (Durgapur) –

- Treated effluent is planned to be re-used in DVC after completion and commissioning of upcoming Asansol and Durgapur STP project.

XVI. Status of Preparation of Action Plan by the 13 Coastal States: Action Plan for Digha Coastal town has been prepared and it is under discussion.

XVII. Regulation of Mining Activities in the State /UT:

State Environmental Impact Assessment Authority-West Bengal has notified a policy on Environmental Clearance on Mining projects.

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

1. West Bengal River Rejuvenation Committee is holding meeting regularly to examine the progress of work.
2. State Environmental Monitoring Committee is holding meetings to assess the activities of all NGT cases.
3. Liquid Waste Monitoring Committee has been constituted by the UD&MA Dept. GoWB and meetings are being held fortnightly.
4. A Task Force for Solid Waste Management has been constituted by the UD&MA Dept., GoWB and the Task Force is regularly reviewing the progress of activities related to Solid Waste Management & Legacy Waste Management across the State.

Monitoring and Supervision of Pollution Abatement Measures taken in Polluted River Stretches

- The Department of UD & MA is closely monitoring the work of pollution abatement in the river Ganga and its tributaries in West Bengal with due care and concern. Review Meetings are being held by the highest authorities at every month to ensure timely completion of each project. Meetings were held under Chairmanship of Hon'ble Chief Secretary, Principal Secretary, Member Secretary WBPCB, and Program Director, WBSPMG on several occasions. (MoM of 8th State Ganga Committee meeting dated: 06.11.2024) (Annexure: A); (MoM of 18th River Rejuvenation Committee meeting dated: 29.11.2024) (Annexure: B).
- STPs at Sreenathpur and Silver Jubilee Road are under O&M, adding 6.6 MLD in treatment capacity at Ranaghat, Nadia.
- **To reduce the Faecal Coliform count, Faecal Sludge and Septage Management Policy has been notified by the Department of UD & MA vide Memo No. 33-UDMA/24011(99)/66/2021 dated 25.05.2022.**
- West Bengal is already having two (02) Septage Management Plants each having a capacity of 30 KLD at Promodnagar Cluster catering North Dumdum, South Dumdum, Kamarhati and Baranagar.
- Construction of FSTP at Bansberia and Burdwan are under Tendering Stage.
- DPRs for construction of FSTPs in Ranaghat, Uttarpara-Kotrung, Garulia, Bhadreswar and Pujali under examination of NMCG.
- Presently, Septage and Sewage is co-treated in operational STPs of Gayeshpur, Nabadwip, Barrackpore, Budge Budge, Halisahar, Chandannagar & Chinsurah, Naihati, Kalyani and Bhatpara ULBs.
- The Pilot FSTP Projects at Siliguri and Kharagpur (on the reclaimed land of Legacy Waste Dumpsite); works are in progress.
- FSTPs have been proposed for Barasat, Madhyamgram and New Barrackpore. Preparation of DPRs are under progress. It will help to reduce the pollution of River Vidyadhari.

Total Septage co-treated upto 30.11.2024 in the functional STPs by ULBs as below:

Sl. No	Name of ULB	Co-Treated Septage (KL)
1	Gayeshpur	84.00
2	Nabadwip	336.00
3	Halisahar	344.00
4	Budge Budge	585.20
5	Barrackpore	1456.00
6	Chandannagar & Chinsurah	2866.25
7	Naihati	1350.00
8	Kalyani-	1422.00
9	Bhatpara	859.20
	Total Capacity (KL)	9302.65

- Total Amount of Septage emptied up to Aug 2024 – 4542.65 KL
- Incremental progress of co-Treatment from the submission of last OA 673 (for the period from June 2024 to Aug 2024) is 4760 KL.

Mandatory Site Inspection Reports of the Engineers

The Department of UD & MA has made out an Order no 115-UDMA-24011(99)/7/2021-JS(UDMA) dated 02.02.2021 where in it has made all Engineers to visit sites compulsorily twice a month and submit a Report of on the progress of the work along with good quality photographs

(Annexure: D)

List of Some GOOD WORK done:

1. West Bengal is using the treated water extensively in Agricultural activities, Pisciculture and Gardening at different locations including EKW, Durgapur, Nabadwip, Bandipur, Konnagar and Khardah.
 2. WBSPMG is setting up stalls in different Melas and Ghats, various types of events for mass awareness towards pollution abatement and also showcasing the use of treated water for gardening, agricultural activities and Pisciculture.
 3. In order to mitigate the pollution of river Mahananda, two STPs are already under rejuvenation and revised DPR for another one STP at West Bank is under finalization.
 4. Hollow Fiber Membrane Technology is being used in Champdany Drain as a Pilot Project. This has been proved to be an effective In-Situ treatment.
- ✓ Achievements in improving Water Quality of River Ganga through the implementation of LWM Programme in the State. *(Source: Annual Report 2023-24 of NMCG, Department of Water Resources, River Development & Ganga Rejuvenation, Ministry of Jal Shakti, GoI). Annexure-F.*

Under Namami Gange Programme, the Central Pollution Control Board (CPCB) in collaboration with the State Pollution Control Board (SPCB) is carrying out manual Water Quality Monitoring of River Ganga at 15 locations in the State from Farakka to Pati Khali near DurgaChak.

The water Quality of river Ganga is evaluated based on the Primary Water Quality Criteria (PWQC) notified for outdoor Bathing Standard, which includes parameters such as pH (6.5-8.5), Dissolved Oxygen (DO) (≥ 5 mg/L), Bio-chemical Oxygen Demand (BOD) ($d \leq 3$ mg/L), Faecal Coliform (FC) (≤ 2500 MPN/100ml) and Faecal Streptococci (FS) ($d \leq 500$ MPN/100ml).

The report, from pages 49 – 59 highlight the following achievements in the improvement of Water Quality of River Ganga.

- pH level meets the Primary Water Quality Criteria (PWQC) at all Monitoring Stations.
- Dissolved Oxygen (DO) level meets Primary Water Quality Criteria (PWQC) at the entire stretch.
- BOD level satisfies the Primary Water Quality Criteria (PWQC) at the entire stretch.
- Faecal Coliform (FC) count meets Primary Water Quality Criteria (PWQC) at 4 locations.

- Faecal Streptococci (FS) count meets Primary Water Quality Criteria (PWQC) at the entire stretch except at 3 locations (Shitalatala- Palta, Palta and Serampore).

Additionally, the report presents a comparison of the improvement in the water quality of the river Ganga between 2014 and 2023 highlighting the following points:

- Dissolved Oxygen (DO) level in the river Ganga have been improved from Berhampore to Serampore in 2023 as compared to 2014 to Bathing Criteria.
- Bio-Chemical Oxygen Demand (BOD) has been observed to be meeting water quality criteria for Bathing for the entire stretch from Berhampore to Diamond Harbour in 2023 as compared to 2014.

This improvement of water quality in river Ganga has been made possible due to sustained and continuous efforts in Liquid Waste Management Programme in the State. However, Faecal Coliform (FC) count in the river Ganga is still a concern, State is trying to address the FC level in river Ganga by setting up of more STPs, FSTPs and adopting different alternatives technologies for treatment of drains, Nallahs and Khals discharging in the river Ganga.

PHOTO GALLERY

Communication and Public Outreach Activities from September, 2024 to November, 2024 undertaken by the DGCs under guidance of WBSPMG

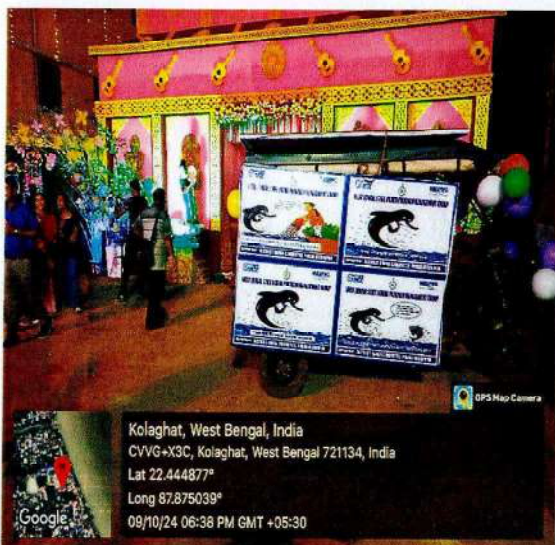
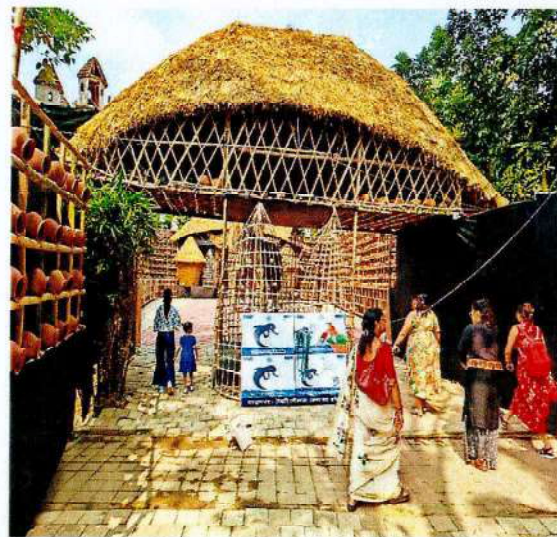
Mass Awareness Exhibition (Stall in 27th National Exhibition, 2024)



Swachhta Hi Seva Campaign, 2024



Display of Flex / Banners message on Ganga Pollution Abatement work during Durga Puja, Jagadhatri Puja and Kali Puja-2024



Ganga Utsav (Mega Event), 2024



Photographs of Proposed STP at Santragachi, FSTP at Siliguri and Kharagpur

Santragachi STP



Siliguri FSTP



Kharagpur FSTP



List of Annexures

- Annexure-A: Minutes of State Ganga Committee Meeting.
- Annexure-B: Minutes of River Rejuvenation Committee
- Annexure-C: Water Quality Report for the Month of November 2024, WBPCB
- Annexure-D: Site Inspection Report, KMDA
- Annexure-E: Capacity Utilization of Functional STPs
- Annexure-F: Relevant pages (49-59) of Annual Report of NMCG, GoI.

- Annexure-I: Report from P&RD
- Annexure-II: Report from SUDA
- Annexure-III: Report from Forest Department



West Bengal State NGRBA Program Management Group (WBSPMG)
Urban Development & Municipal Affairs Department,
Government of West Bengal

Memo No.: 6327-NGRBA/SPMG/Meeting of S.G.C-426/2017


Date: 27-11-2024

To
The Director General,
National Mission for Clean Ganga,
Ministry of Jal Shakti,
(Department of Water Resources, River Development & Ganga Rejuvenation)
Government of India,
1st Floor, Major Dhyan Chand National Stadium,
India Gate, New Delhi - 110002

Subject: Minutes of the 8th meeting of the State Ganga Rejuvenation, Protection and Management Committee (State Ganga Committee), West Bengal.

Sir,

The Minutes of the **8th meeting of the State Ganga Rejuvenation, Protection and Management Committee (State Ganga Committee), West Bengal** under the Chairmanship of the Chief Secretary, Government of West Bengal held on **6th November 2024** at Conference Hall (13th Floor), Nabanna, Howrah is hereby forwarded for your kind perusal and necessary action.


Program Director, WBSPMG
&
Member-Convener of SGC

Enclosure:

1. Minutes of the 8th SGC meeting


Memo No.: 6327/1(14)-NGRBA/SPMG/Meeting of S.G.C-426/2017

Date: 27-11-2024

Copy of the Minute forwarded for favour of kind information and necessary action to:

- 1) The Principal Secretary, Department of Environment & Ex-Officio, Member of the State Ganga Committee of SPMG, Pranisampad Bhavan, 5th Floor, LB-2, Sector-III, Salt Lake, Kolkata - 700 106.
- 2) The Additional Chief Secretary, Department of Forest & Ex-Officio, Member of the State Ganga Committee of SPMG, Aranya Bhavan, LA-10A, Sector-III, Salt Lake, Kolkata - 700 106.

- 3) The Additional Chief Secretary, Department of Finance & Ex-Officio, Member of the State Ganga Committee of SPMG, Nabanna, 325, Sarat Chatterjee Road, Howrah – 711102.
- 4) The Principal Secretary, Department of Irrigation & Waterways & Member of the State Ganga Committee of SPMG, Jalsampad Bhavan, Sector – I, Salt Lake City, Kolkata – 700 091.
- 5) The Principal Secretary, Department of Water Resources & Investigation & Ex-Officio, Member of the State Ganga Committee of SPMG, Khadya Bhavan, 5th Floor, Block-A, 11A Mirza Ghalib Street, Kolkata – 700 087.
- 6) The Chief Executive Officer, Kolkata Metropolitan Development Authority & Ex-Officio Member of the State Ganga Committee of SPMG, Unnayan Bhavan, Sector – II, Salt Lake City, Kolkata – 700 091.
- 7) The Principal Secretary, Department of Public Health Engineering & Ex-Officio, Member of the State Ganga Committee of SPMG, Govt. of West Bengal, Jana Swastha Karikari Bhawan (Nizalaya), CN-8, Sector V, Salt Lake City, Kolkata – 700 091.
- 8) The Chairman, West Bengal State Pollution Control Board & Ex-Officio, Member of the State Ganga Committee of SPMG, Paribesh Bhavan, LA-10A, Sector-III, Salt Lake, Kolkata – 700 106.
- 9) The Secretary, Department of Urban Development & Municipal Affairs & Ex-Officio, Member of the State Ganga Committee of SPMG, 'Nagarayan', 5th Floor, DF-8, Sector-I, Salt Lake City, Kolkata- 700 064.
- 10) The Principal Chief Conservator of Forest, Department of Forest & Ex-Officio, Member of the State Ganga Committee of SPMG, Aranya Bhavan, LA-10A, Sector-III, Salt Lake, Kolkata – 700 106.
- 11) Prof. Arunabha Majumder, Department of School of Water Resources, Jadavpur University, Member of the State Ganga Committee of SPMG.
- 12) The Chief Engineer, Head Quarters, Directorate of Public Health Engineering & Member of the State Ganga Committee of SPMG, Govt. of West Bengal, Jana Swastha Karikari Bhawan (Nizalaya), CN-8, Sector V, Salt Lake City, Kolkata – 700 091.
- 13) Prof. Anirban Gupta, Department of Civil Engineering, IEST, Shibpur, Member of the State Ganga Committee of SPMG
- 14) The Chief Scientist, West Bengal State Pollution Control Board & Member of the State Ganga Committee of SPMG, Paribesh Bhavan, LA-10A, Sector-III, Salt Lake, Kolkata – 700 106.



**Program Director, WBSPMG
&
Member-Convener of SGC**

Memo No.: 6327/2(5)-NGRBA/SPMG/Meeting of S.G.C-426/2017

Date: 27-11-2024

Copy forwarded for kind information:

1. The Member Secretary, West Bengal State Pollution Control Board, Paribesh Bhavan, LA-10A, Sector-III, Salt Lake, Kolkata – 700 106
2. Senior Special Secretary (NG), Department of Urban Development & Municipal Affairs, Government of West Bengal, Nagarayan, DF-8, Sector-I, Salt Lake, Kolkata – 700064
3. The Municipal Commissioner, Kolkata Municipal Corporation, 5SN Banerjee Road, Esplanade, Dharmatala, Taltala, Kolkata, West Bengal 700013
4. Chief Engineer, North Circle, Municipal Engineering Directorate (MED), Urban Development & Municipal Affairs Department
5. Chief Engineer, South Circle, Municipal Engineering Directorate (MED), Urban Development & Municipal Affairs Department


Program Director, WBSPMG
&
Member-Convener of SGC

Minutes of the Meeting of the 8th State Ganga Rejuvenation Protection and Management Committee (hereinafter referred to as the State Ganga Committee for West Bengal) under the Chairmanship of the Chief Secretary, Government of West Bengal and ex-officio Chairperson of the State Ganga Committee (SGC) held on 06th November, 2024 at 11:00 A.M.

Venue: Conference Hall, Nabanna, 13th Floor.

Chairperson: Chief Secretary, Government of West Bengal and ex-officio Chairperson of the State Ganga Committee

List of participants: As per list enclosed (Annexure – 1)

The Chief Secretary welcomed all the members of the State Ganga Committee in the Meeting and initiated the discussion.

Secretary, Urban Development & Municipal Affairs Department, West Bengal and Executive Chairperson, WBSPMG presented the status of the implementation of the National Ganga River Basin Authority (NGRBA) Program in the State. The Secretary, UD & MA Department, West Bengal narrated in detail and requested Program Director, WBSPMG to present the status of the Liquid Waste Management (LWM) Programme in the State.

- **Agenda – 1: Confirmation of the proceedings of 7th State Ganga Committee (SGC) Meeting on the working of the West Bengal State NGRBA Program Management Group (WBSPMG) held on 18/12/2023:**

The minutes of the 7th State Ganga Committee (SGC) Meeting held on 18/12/2023 were read, reviewed and confirmed.

- **Agenda – 2: Adoption of Annual Accounts of West Bengal State NGRBA Program Management Group (WBSPMG) for the Financial Year 2023-2024.**

The audited annual accounts for the Financial Year 2023-2024 were placed before the committee for perusal which were adopted and approved.

West Bengal State NGRBA Program Management Group (WBSPMG) was directed to take consequent actions:

- a. Invite the Principal A.G. (Audit – I), West Bengal for the transaction and accounts audit
- b. Statement of Expenditure (SoE) audit for World Bank financed projects and
- c. observing other relevant statutory compliances subsequent to adoption of Accounts

[Action: WBSPMG]

- **Agenda – 3: Review of Liquid Waste Management**

The Program Director, WBSPMG presented the status of the implementation of the Liquid Waste Management (LWM) Program in the State as below:

✓ **Sewage Generation in Ganga Towns**

- a) Estimated Sewage Generation (based on Estimated Population in Urban areas in the year, 2022 taking 2011 Census as base.)

Kolkata –	356.10 MLD
DGCs–	1044.90 MLD
Total –	1401.00 MLD

b) Details of Sewage Management in Ganga Towns:

i	Capacity of 39 existing operational STPs	:	622.00 MLD
ii	Capacity of 9 STPs under Construction	:	204.50 MLD
iii	Capacity augmentation through renovation of Garden–Reach STP and the Keorapukur STP	:	13.00 MLD
iv	Capacity of 17 STPs under Proposal/ Tendering Stage	:	400.74 MLD
v	Capacity of Existing Private STPs (as per list received from WBPCB)	:	78.00 MLD
	Total Treatment Capacity	:	1318.24MLD
	Gap in Sewage Generation & Treatment facility to be covered by setting up further STPs/ FSTPs	:	83 MLD

In this regard, it was informed that affirmation was made before Hon'ble National Green Tribunal (HNGT) that 86% of the capacity of the functional STPs, including that of East Kolkata Wetland (EKW), has been utilized. The situation has since improved slightly & the present capacity utilization is 89%, including that of EKW.

The Chief Secretary directed KMC & WBPCB to conduct a joint inspection at the earliest to verify the actual quantum of sewage being treated in EK W (stated to be 910 MLD).

[Action: KMC & WBPCB]

• **Status of Water Quality of River Ganga:**

- ✓ **During the year 2018**, River Ganga was Prioritized under Polluted River Category III with maximum BOD level 12.0 mg/L.
- ✓ **In the year 2022**, it was in the **Category IV** with maximum BOD 8.0 mg/L.
- ✓ **In September, 2024**, River Ganga is now in **Priority Category V** in terms of BOD Parameter with maximum BOD Level 2.92 mg/L (Source: WBPCB report).

However, high Faecal Coliform remains a matter of concern. The department is addressing this issue by setting up new STP/FSTPs and **in-situ treatment** of sewage in the drains discharging in River Ganga.

The incremental progress of ongoing STP projects since last SGC meeting held in December, 2023 were presented:

SL. No	Project Name	Progress as on last review meeting	Progress as on September 2024	Incremental Progress
1	Howrah-Bally Baranagar	94.91%	96.24%	1.33%
2	Jangipur & Raghunathganj	56.30%	62.20%	5.90%
3	Berhampore	49.50%	57.26%	7.76%
4	Hooghly Chinsurah	81.00%	88.40%	7.40%
5	Maheshtala	43.35%	83.13%	39.78%
6	North Barrackpore	2%	42.853%	40.853%
7	Chakdah	Technical Bid under evaluation under NMCG	17.20%	17.20%
8	Garden Reach	-	Work Just Started	-

KEIP Project, Funded by ADB

SL. No	Project Name	Progress as on last review meeting	Progress as on September 2024	Incremental Progress
1	Joka	66.90%	68.60%	1.70%
2	M.G.Road	72.60%	76.50%	3.90%
3	Rania	93.00%	98.80%	5.80%

The details of the upcoming projects which are under tendering, DPRs under examination of NMCG & the DPR under preparation under the Executing Agencies are listed below:

✓ **Under Tendering:**

Sl. No.	Project Details	Value of the Project (Rs. In Crore)	Status
1	FSTP in Burdwan (50 KLD)	5.46	TPA completed on the revised DPR; Awaiting approval from NMCG.
2	Krishnanagar STP (14 MLD)	91.88	TBER is under examination at NMCG
3	Bansberia FSTP (15 KLD)	4.56	Tender floated.
4	Katwa STP (14 MLD)	133.46	Under tendering stage.
5	Murshidabad STP (4 MLD SBR-New & 2 MLDWSP-Renovation)	72.63	

✓ **DPR under examination in the NMCG:**

Sl. No.	Name of the Project	Status
1	Serampore STP (115 MLD)	DPR is under examination at NMCG
2	STP on Kestopur (41 MLD)	The revised & updated DPR is under examination at NMCG.

✓ **DPR under preparation by the Executing Agency:**

Sl. No.	Name of the Project	Status
1	Santipur STP (18.10 MLD)	Revised DPR preparation is under progress.

✓ **Upcoming Projects BY KMC:**

Sl. No.	Projects Details	Status
1	Keorapukur STP (50 MLD) Project	Revised and updated DPR was placed before NMCG and TPA visit has been completed.
2.	Tolly's Nullah (Adi Ganga Project)	Combined Bid Evaluation Report is under finalization.

• **Fund Provision under NG II:**

The Namami Gange Project – I came to an end on 30/12/2021. Subsequently, NMCG initiated the Namami Gange II Programme, with the earmarked fund allocation of Rs. 2885 Crore for carrying out pollution abatement work for River Ganga in West Bengal. The status of the cost of the sanctioned projects, projects under NMCG's examination and projects under preparation stage under NG-II are as follows:

A	Sanctioned Project Cost	Rs. 1450.40 Cr.
B	Project Cost which are under examination of NMCG	Rs. 1213.58 Cr.
C	Project cost which are under revision stage (Santipur, Asansol & Durgapur)	Rs. 525 Cr.

It was resolved to take up the issue with NMCG for augmentation of fund for priority STP projects in the State such as STP-I (on the right bank) of river Mahananda, Champdani, Diamond Harbour, Haldia, Rishra, Dhulian and Uluberia Municipal Towns.

[Action: WBSPMG & NMCG]

• **Faecal Sludge & Septage Management:**

- ✓ At present, there are 2 functional FSTPs at Promodnagar and Dum Dum with a total capacity of 60 KLD.
- ✓ DPRs on FSTP in Burdwan (50 KLD) and Bansberia (15 KLD) are under tendering stage.
- ✓ DPRs on FSTP for Uttarpara, Ranaghat & Pujali Municipalities have been submitted to NMCG and it is under their examination.
- ✓ DPRs for setting up of FSTP for Bhadreswar and Garulia towns under PBIG Scheme are under examination of NMCG.

The Chief Secretary instructed to expedite completion of FSTP projects for addressing Faecal Coliform issue.

[Action: WBSPMG & NMCG]

• **Status of Sludge & Septage Management in the Functional STPs:**

- ✓ There has been a reduction in the Faecal Coliform Level in River Ganga at the monitoring stations of Farakka, Khagra, Berhampore, Gorabazar, Nabadwip, Tribeni, Palta Shitalatala, Palta, Serampore, Dakhineswar, Garden Reach, Howrah-Shivpur, Uluberia and Diamond Harbour in September, 2024 (Source: WBPCB report) due to co-treatment of septage in the functional STPs in the State as furnished below:
- ✓ **Status of co-treatment:**

Total as on the last SGC Meeting (December, 2023)	Total as on (October, 2024)	Incremental Progress
1353.60 KL	7911.65 KL	6558.05 KL

• **Ghat Development:**

Program Director, WBSPMG reported that the progress of Ghat Development work at Prabhupada Ghat, Mayapur, Nabadwip stands at 73.7% and it is expected to be completed by February, 2025.

The Chief Secretary directed WBSPMG and EPIL to complete the project within the schedule timeline.

[Action: WBSPMG & EPIL]

• **Achievement of LWM Programme in West Bengal:**

Program Director, WBSPMG highlighted the following achievements in Liquid Waste Managements in the State in recent times

- ✓ STP capacity has been enhanced by 187 MLD in Howrah-Bally-Baranagar, 26.5 MLD in Hooghly-Chinsurah & 6.6 MLD in Ranaghat (Churni River) for a total capacity of 220.1 MLD.
- ✓ State has received sanction for an incentive grant under PBIG for renovation of 3 (Three) electric crematoria in Santipur, Chakdah and Garulia which is first instance of its kind under NMCG.
- ✓ NMCG has sanctioned Grant-in-Aid of Rs. 1 (One) Crore for preparation of DPR for Pollution Abatement Programme of river Ganga making it the first instance among 5 Ganga States.

- ✓ KMC and CESC are exploring possibility of the re-use of treated waste water from Garden Reach STP in nearby power plant.
- ✓ Through sustained efforts under LWM programme coupled with mass awareness campaigns, the State has successfully improved the water quality of river Ganga from pollution Category-III to Category-V.

• **Agenda – 4: Finalization of the list of Ganga Towns in West Bengal:**

The draft list of Ganga Towns as on date was put up before the SGC for consideration, keeping in view the communication received from the NMCG.

It was resolved in the meeting that the matter may be put up before the forthcoming **RRC Meeting** in the State scheduled to be held on November 29, 2024.

However, Chief Secretary directed to keep all the Ganga Towns previously selected along with new ones while finalizing the fresh list.

[Action: RRC Committee]

• **Agenda – 5: Sewage Generation based on population as on 2024:**

It was decided that the issue of sewage generation in Ganga Towns based on population data 2024 is to be taken up in the forthcoming RRC Meeting, on priority basis, scheduled to be held on November 29, 2024.

[Action: RRC Committee]

• **Agenda – 6: Renaming of West Bengal State NGRBA Program Management Group (WBSPMG) to State Mission for Clean Ganga (SMCG), West Bengal:**

The proposal was considered and decision was taken to initiate action for renaming of West Bengal State NGRBA Program Management Group (WBSPMG) to **State Mission for Clean Ganga (SMCG), West Bengal**.

[Action: UD&MA Department]

• **Agenda – 7: Miscellaneous:**

- ✓ **Status of Project “Strengthening of Laboratory of West Bengal Pollution Control Board (Nov. 2023-Oct. 2024) –**The Strengthening of Laboratories under West Bengal Pollution Control Board (WBPCB) was reviewed at length. WBPCB has been requested to establish more Water Quality Monitoring Stations in Hooghly and North 24 Parganas districts as most of Ganga Towns are located in these two districts.

The Member Secretary, WBPCB suggested that laboratories under the PHE Directorate (PHED) could be utilised for testing of water quality parameters including BOD, COD & other related matrix.

The Chief Secretary instructed concerned departments to explore the feasibility of utilising PHE laboratories for testing of water quality in accordance with the standard norms.

[Action: PHE Department, UD&MA Department, WBPCB, Department of Environment]

✓ **Forestry Intervention to Clean Ganga –**

The Principle Chief Conservator of Forests (PCCF) participated in the meeting virtually and informed the committee that some fund has been lying with them unutilised and they have not received any fund for the last 2 (two) years from NMCG and they proposed to refund the unutilised fund.

The Chief Secretary instructed the PCCF to utilize the allocated fund already allocated to them fully and to submit the utilization certificate accordingly.

He further directed PCCF to coordinate with NMCG for fresh release of fund for taking up forestry intervention in West Bengal.

[Action: Department of Forest and WBSPMG]

✓ **Extension of Contractual Engagement –**

The extension allowed to the 13 (thirteen) Officials & Employees of WBSPMG after the last State Ganga Committee meeting was ratified.

It was also informed in the meeting that the 3 (three) Senior Officials engaged in the WBSPMG as (i) Senior Financial Specialist, (ii) Senior Civil Engineer & (iii) Public Health Engineer will soon attain 65 (sixty-five) years of age. They have been playing pivotal role in the implementation of the NMCG Programme in the State. NMCG allowed 3 (three) months extension to the concerned officials and recommended that younger professionals be considered for future appointments to the said positions. WBSPMG suggested setting up the maximum entry age for these positions at 62 years given the technical and managerial expertise.

The Chief Secretary considered the views and directed WBSPMG to take up the issue with the NMCG.

[Action: NMCG and WBSPMG]

- ✓ **Land Issue:** WBSPMG also reported that they have been facing challenges in acquiring land for setting up of new STPs due to non-availability in of land in certain areas. The Chief Secretary emphasized that the state has an established land policy. If land is not available in accordance with this policy, alternative option should be explored to ensure optimal utilization of land resources.

[Action-UD & MA Department and WBSPMG]

✓ **Operation & Maintenance of Existing STPs/ FSTPs:**


It was informed that after installation of STPs, NMCG took the responsibility for their Operation & Maintenance for a period 5/10/15 years as stipulated in the issued AA&ES.

As of now, some of the assets created have already completed their primary maintenance period under NMCG.

The Chief Secretary has directed UD&MA department to formulate a suitable policy within 1 (one) month to address this issue.

[Action: UD&MA Department]

Having no other issues to discuss, the meeting ended with a vote of thanks to and from the Chair.



**Chief Secretary, Govt. of West Bengal
&
Chairperson, State Ganga Committee
West Bengal State NGRBA Program Management Group**

Minutes of the Meeting of the 18th River Rejuvenation Committee (RRC), West Bengal under the Chairmanship of the Member Secretary and Chairman of RRC held on 29th November, 2024 at 12:00 PM.

Venue: 3rd Floor, Conference Hall, Unnayan Bhawan.

List of participants: As per list enclosed (Annexure – I)

The Member Secretary, WBPCB & Chairman of RRC, West Bengal welcomed all the members of the River Rejuvenation Committee in the Meeting and initiated the discussion.

He then requested Program Director, WBSPMG to present the Status of LWM Programme in the State and proceed with agenda wise issues:

- **Agenda – 1: Review of the Minutes of the last RRC Meeting**
The minutes of the 17th River Rejuvenation Committee (RRC) Meeting held on December 15, 2023 were reviewed and confirmed.
- **Agenda – 2: Finalization of the list of Ganga Town.**
NMCG has communicated the need to finalize the list of Ganga Towns in the State. A draft list of 47 Ganga Towns, including four (4) of newly added towns- Bally, Kalna, Dainhat and English Bazar- alongwith previously selected 43 towns, was presented during the 8th SGC Meeting, where the Chief Secretary has directed that the list be discussed and finalised in the upcoming RRC Meeting.
It has accordingly been decided to constitute a committee consisting of the following Members to address this issue:

Proposed Committee:

Sl. No.	Designation	Department
1	Chief Engineer	WBPCB
2	Chief Scientist	WBPCB
3	Chief Engineer, GAP Wing, Chairman of the committee	KMDA
4	Public Health Engineer	WBSPMG
5	Environment Specialist, Member Convener	
6	One Representative not below the rank of Superintending Engineer	SWID
7	One Representative not below the rank of Superintending Engineer	I&WD
8	Regional Director, Kolkata	CPCB
9	Smt. Rita Saha, SO	WBPCB
9	Executive Officer of Concerned Municipality which is to be considered for inclusion of New Ganga Towns	Municipality

It has also been decided that while finalising the list, tributaries of the River Ganga may also be considered & the committee will submit a draft list within a shortest possible time.

- **Agenda – 3: Sewage Generation based on Population data 2024**
NMCG has communicated the need to finalise the sewage generation of Ganga Towns Based on Population Data 2024. Accordingly, it has been decided to constitute a committee consisting of the following Members to address the issue of finalization the sewage generation of Ganga Towns based on population Data 2024 including Kolkata.

Proposed Committee:

Sl. No.	Designation	Department
1	Municipal Commissioner, Chairman of the Committee	KMC
2	Director General, P&D department	KMC
3	Chief Engineer	WBPCB
4	Chief Scientist	WBPCB
5	Chief Engineer, GAP Wing	KMDA
6	Chief Engineer, South	MED

7	Chief Engineer, North	MED
8	Public Health Engineer, Member Convener	WBSPMG
9	Environment Specialist	
10	One Representative not below the rank of Superintending Engineer	SWID
11	Regional Director, Kolkata	CPCB
12	Executive Officer of Concerned Municipality which is to be considered for inclusion of New Ganga Towns	Municipality

The committee will submit the draft sewage generation report for the Ganga Towns based on the population data 2024 within a shortest possible time.

• **Agenda – 4: Review of the Status of Action Plan for River Mahananda, Vidyadhari, Jalangi, Churni, Kestopur Canal & Bagjola Canal:**

- The water quality report of 13 polluted river stretches in the State as on October 2024 shows that all rivers except Vidyadhari & Mahananda currently fall under polluted category V, while Vidyadhari & Mahananda fall under category IV.
- The sewage management report as submitted in the QPR under OA 673 dated on August, 2024, was presented including details of Sewage Generation in both Urban & Rural Areas for review of the committee. The review also covered the existing Sewage Treatment facilities & the progress of STPs under construction.
- The Municipal Commissioner, KMC provided an update on the progress of KEIIP STP projects. Among three STP projects, The STP Project at Rania (23MLD) will be operational soon. However, for the other two STP projects, it has been challenging to provide a timeline for completion due to the closure of ADB Funding.
- Regarding other STP projects under NMCG in Kolkata, Program Director, and WBSPMG informed that Combined Bid Evaluation Report (CBER) for Adi-Ganga STP Project (Tolly's Nallah), which is the highest value Project in the country, has been sent to NMCG for getting clearance from World Bank to proceed with awarding the work. For the Keorapukur STP Project, sanctioned in the 58th EC Meeting, Program Director requested Municipal Commissioner, KMC to submit Draft RFP by next Monday (December 2, 2024) for examination & getting clearance from NMCG.
- Program Director, WBSPMG informed that two STP Projects on River Mahananda are progressing & the issue of laying the Trunk Sewer line for these two STPs has recently been resolved. The land for Pumping Station for STP I for finalising revised DPR is expected to be finalised following visit of KMDA Land Cell personnel & subsequent meeting with the Hon'ble Mayor, SMC & the program Director, WBSPMG and her team, scheduled on December 9, 2024 at Siliguri.
- The proposed two STP Project on Bagjola Canal (North Dumdum & Bidhannagar) on River Vidyadhari are yet to be initiated due to pending issuance of AA&ES from UD&MA Department.
Member Secretary, WBPCB & Chairman, RRC has directed the UD&MA Department to issue the AA&ES without delay, as the Pollution Abatement of Bagjola Canal is under Directives of NMCG.
[Action: UD&MA Department]
- Two STPs at Ranaghat (Sreenathpur & Silver Jubilee Road) has been reported to be functional. Program Director, WBSPMG has requested WBPCB to include these two STPs in their list for next joint inspection of functional STPs of the State.

• **Agenda – 5: Review of the Status of FSTPs**

- Two FSTPs (Pramod Nagar) with a total capacity of 60KLD are functional & additional Seven (7) FSTPs proposed to be funded by NMCG are at various stages of implementation/sanction.
- Program director, WBSPMG informed that a reduction in Faecal Coliform levels has been observed as reported by WBPCB in its water quality report October, 2024. This improvement is due to the co-treatment of Septage in underutilized STPs across 7ULBs.
Member Secretary, WBPCB has expressed satisfaction with this initiative of Liquid Waste Management in the State.

• **Agenda – 6: Chalking out the course of Action for complying with the order of Hon'ble NGT under OA 673**

Five STPs under control of PHED have been reported as Non-Functional by the CPCB in its Quarterly report, during the period of December 2023 to March 2024.

PHED representatives stated that non-functionality of STPs is primarily due to the use of outdated Pumps.

Member Secretary, WBPCB has directed PHED to ensure immediate operationalization of these STPs & submit a report on the issue.

[Action: PHED]

• **Agenda – 7: Discussion on the proposal of P&RD Department for Urban & Rural convergence on Waste Management:**

As stated, there are drains in Nadia, Howrah and Murshidabad, which are coming from municipalities and joining Ganga River in the rural areas. P&RD Department requested Urban department for taking up the treatment of these drains. P&RD Department was asked to provide list of such drains for taking necessary actions.

P&RD Department and Urban Department are constructing FSTPs in the state. The FSTPs built in rural areas can also cater to the adjoining municipal areas. In this regard, a convergence plan of FSTP for both Rural and Urban area is needed.

Member Secretary, WBPCB has directed to arrange for a meeting regarding convergence plan of FSTPs for both rural and urban areas involving both the Departments.

[Action: P&RD Department & UD&MA Department]

• **Agenda – 8: Special Agenda – Pollution Abatement in Mayapur**

The overall physical progress of the Prabhupada Ghat has achieved to 74% & is expected to be completed by February, 2025.

However, land for setting up of one STP at Mayapur area has remained a challenge and proper solid waste management has also been neglected, so far.

Member Secretary, WBPCB has directed for preparation of a comprehensive plan for Solid & Liquid Waste Management programme for Mayapur area involving all relevant Departments including P&R Department.

Member Secretary, WBPCB has also desired to hold a meeting in this regard at a convenient time.

[Action: UD&MA Department, KMDA, WBSPMG, P&RD]

• **Agenda – 9: Monitoring and Maintenance of the Water Quality of P-IV and P-V River [setting up STP/FSTP in Karola River in Jalpaiguri]**

Program Director, WBSPMG reported that a team comprising of representatives from KMDA & WBSPMG has scheduled a visit to Jalpaiguri Town on December, 2024 to assess the feasibility of setting up of a STP/FSTP on the River Karola based on the recommendation of the Technical Committee, UD&MA Department.

• **Agenda – 10: Miscellaneous:**

a. **Regarding preparation of revised DPR for Barakar & Damodar River in Asansol & Durgapur Zones:**

Finalisation of revised DPR for Barakar & Damodar River in Asansol & Durgapur Zones has been delayed due to scarcity of land.

NMCG during review meeting held on 21.11.2024 at New Delhi has permitted the State to submit a revised DPR based on the availability of Land for 9 FSTPs, 1DSTP & 1 STP within three months.

Member Secretary, WBPCB has directed that the revised DPR must be submitted within three months without fail.

[Action: KMDA, WBSPMG]

b. **Joint Site visit to East Kolkata Wetland to ascertain the actual quantum of Sewage being treated in the East Kolkata Wetlands (EKW):** During the 8th SGC meeting held on 06.11.2024, the Chief Secretary, GoWB has suggested for conducting a joint inspection to ascertain the actual quantum of Sewage being treated in the East Kolkata Wetlands (EKW) with the concerned Departments.

Member Secretary, WBPCB has directed that a joint visit should be conducted on December 3, 2024.

For this visit, the Chief Technical Officer (CTO), Department of Environment will act as Nodal Officer with participation from WBPCB, CPCB and Public Health Engineer & Assistant Engineers of WBSPMG.

c. Strengthening of Laboratories of WBPCB & possibility of utilizing PHED Laboratories for testing of water quality for LWM Programme:

Program Director, WBSPMG has requested WBPCB to set up more water Quality testing laboratories in North 24 Parganas and Hooghly districts as most of the STPs have been built in these two districts. Member Secretary, WBPCB has directed to use PHED laboratories for this purpose wherever possible. Member Secretary, WBPCB has also directed PHED to upgrade testing equipment in their laboratories according to the latest Waste Water Quality monitoring parameters.

[Action: PHED]

d. Approval of fund for Forestry intervention in West Bengal from NMCG:

Member Secretary, WBPCB has requested representatives of the Forest Department to provide a list of Forestry Interventions Projects for which funds are pending from NMCG.

e. Health Department:

Representative of Health & Family Welfare Department stated that several Health infrastructure facilities have been developed in close proximity to the banks of The River Ganga. He further informed that the Department would undertake an exercise to assess the extent to which these facilities contribute to water borne diseases in the area.

f. IT Department:

The representative of WEBEL provided an updated status of e-waste management in the State, undertaken or to be undertaken in collaboration with WBPCB. He shared the following data:

- 53 MT (Metric Ton) has disposed in last 6months.
- 1400 participants have been sensitized on efficient implementation of e-waste management jointly organised by WEBEL & WBPCB.
- 6 TPD e-waste recycling facility at Sonarpur has been proposed to be established.

• General Points of discussions:

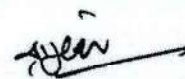
- Regarding non-availability of CTE or CTO certificates, Member Secretary, WBPCB has suggested that land ownership certificate furnished on the official letter of the Head of the respective ULBs may be considered sufficient for issuance of CTE or CTO certificates.
- Member Secretary, WBPCB has informed that, WBPCB is having an action point portal available with them to enable the respective department to update the action point undertaken as part of their River Rejuvenation Plan.
- Regarding progress of the rejuvenation of Mirik Lake, CE, North, MED informed that House to House connection to the constructed STPs have been started & expected to be completed within 6months. Desilting work of Mirik Lake will be initiated upon sanction of fund from AMRUT.
- Member Secretary, WBPCB has directed to provide an update on the status of I&D works for the 56 CPCB identified polluted drains.

[Action: KMDA, WBSPMG]

Having no other issues to discuss, the meeting ended with a vote of thanks to and from the Chair.



**Program Director, WBSPMG
Convener**



**Chairman RRC
&
Member Secretary, WBPCB**

WEST BENGAL POLLUTION CONTROL BOARD

Water Quality of Polluted River stretches of 17 rivers in West Bengal
during November 2024

Priority	River	Stations	pH(Unit)	(DO)(mg/l)	BOD(mg/l)	Total Coliform(MPN/100ml)	Fecal Coliform (MPN/100ml)	Fecal Streptococci (MPN/100ml)
I	Mahananda	Siliguri (Upstream)	7.17	5.8	3	500000	220000	220
	Mahananda	Ramghat(Downstream)	6.69	2.3	14	1100000	700000	11000
II	Vidyadhari	Haroa bridge (upstream)	7.19	1.4	11.50	70000	32000	2800
	Vidyadhari	Malancha (downstream)	7.34	0.8	9.14	21000	13000	940
II	Churni	Downstream of Ranaghat town	6.98	3.9	2.5	49000	9400	700
	Churni	Majhdia	7.44	3.6	2.4	13000	5400	790
III	Matha bhanga	Gobindapur	7.3	3.4	2.3	110000	54000	1700
IV	Ganga	Farakka	7.2	6.4	2.65	1700	790	70
	Ganga	Farakka	7.21	8	2.2	1400	790	63
	Ganga	Khagra	7.11	6.5	2.3	2200	920	79
	Ganga	Khagra	7.02	7.5	2.6	2400	790	110
	Ganga	Baharampore	7.03	6.6	2.2	11000	2400	460
	Ganga	Baharampore	7.06	7.5	2.5	7000	1300	330
	Ganga	Gorabazar	7.06	6.7	2	7000	1400	330
	Ganga	Gorabazar	7.14	7.5	2.3	4900	1300	230
	Ganga	Nabadip	7.34	5.9	2.4	3500	1300	170
	Ganga	Nabadip	7.2	7.6	1.9	3500	1100	130
	Ganga	Tribeni	7.09	6.1	2.6	2800	1300	170
	Ganga	Tribeni	7.01	6.5	2.8	2400	790	78
	Ganga	Palta Shitalatala	7.11	6	2.8	14000	3500	790
	Ganga	Palta Shitalatala	7.02	7	2.6	7900	2400	230
	Ganga	Palta,	7.09	5.8	2.6	13000	5400	630
	Ganga	Palta	7.09	6.5	2.5	11000	3500	460
	Ganga	Serampore	7.29	6.1	2.65	33000	14000	790
	Ganga	Serampore	7.04	7	2.6	33000	11000	790
	Ganga	Dakshmineswar	7.09	5.36	1.11	33000	17000	2400
	Ganga	Dakshmineswar	7.48	7.14	2.82	70000	32000	1700
	Ganga	Garden reach	7.11	5.06	2.36	46000	27000	3500
	Ganga	Garden reach	7.6	5.65	2.1	94000	49000	2800
	Ganga	Howrah-shivpur	7.02	5.06	1.56	23000	4500	3500
	Ganga	Howrah-shivpur	7.19	5.56	2.46	84000	40000	1100
	Ganga	Uluberia,	7.04	5.09	1.81	13000	8400	470
	Ganga	Uluberia,	7.42	5.5	1.8	40000	27000	330
	Ganga	Durgachak near Pathikhali,	7.65	6.4	1.75	28000	14000	790
	Ganga	Durgachak near Pathikhali,	7.67	6.5	1.45	22000	13000	490
	Ganga	Diamond harbour,	7.11	5	2.75	7900	1100	210
	Ganga	Diamond harbour,	7.64	6.8	2.24	5800	1300	320

Water Quality of Polluted River stretches of 17 rivers in West Bengal during November, 2024

Priority	River	Stations	pH(Unit)	(DO) (mg/l)	BOD (mg/l)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)	Fecal Streptococci (MPN/100ml)
IV	KANSI	Downstream at Midnapore	7.21	6.3	1.45	4900	2700	68
IV	JALANGI,	Downstream of Krishna nagar	7.64	6.2	1.9	17000	3500	460
V	Damodar	Dishergharh	7.72	8.1	2.35	7900	3400	11
	Damodar	HISCO near Dhenna Village,	7.82	7.9	2.5	1700	1400	21
	Damodar	Narainpur	7.94	8	2.45	4300	2700	21
	Damodar	Near Mujher Mana Village	7.54	7.6	2.95	3300	1700	11
	Damodar	Andal D/s	7.85	8	2.4	4600	2600	26
	Damodar	Andal U/s	7.99	8.2	2.25	3400	2200	20
	Damodar	Asansol U/s	7.79	7.9	2.15	1700	1300	27
	Damodar	Durgapur U/s	7.93	8.1	2.45	3300	2500	17
	Damodar	Raniganj D/s	7.94	8	2.3	3100	2100	24
	Damodar	Water intake point for Burdwan Town	7.8	8	2.15	1100	930	14
V	Dwarka	Upstream of Tarapith at Sadhak Bamdeb ghat	8.15	9	3.05	4600	2100	21
	Dwarka,	Downstream of Tarapith Satighat	7.85	10.1	3.15	4900	2600	22
V	Barakar	Asansol	7.74	8.1	2.35	7000	3200	22
V	Rupnarayan	Geonkhali	7.68	6	1.75	13000	7000	460
	Rupnarayan	Kolaghat (Down Stream)	7.58	7.5	1.55	4600	2300	78
V	Dwarakeshwar	Bankura town	8.32	8.2	2.5	8400	3300	25
V	Teesta	At Jalpesh	7.07	7.3	1.9	13000	5000	110
	Teesta	At Sevoke	7.9	7.4	1.6	5000	2200	79

WEST BENGAL POLLUTION CONTROL BOARD

The following four rivers have been removed from this list of polluted River stretches based on improvement in water quality in 2022 compared to 2018

Priority	River	Stations	pH(Unit)	(DO) (mg/l)	BOD (mg/l)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)	Fecal streptococci (MPN/100ml)
Delisted	Silabati	Ghatal (Downstream)	8.37	8	1.55	6300	3300	110
	Mayurakshi	Suri Town	7.93	9.1	1.55	2600	1700	14
	Kaljani	Downstream of Alipurduar	7.48	7.5	1.5	17000	8000	94
	Karola	Downstream of Jalpaiguri	7.13	8.2	2	17000	8000	94
Primary Water quality Criteria for bathing water			6.5-8.5	≥5	≤3		<2500	,500

Note: Implementation of Polluted River Stretches Action Plan, presently the above four Rivers i.e., Silabati, Mayurakshi, Kaljani, Karola have been improved and is removed from the list. Therefore, Polluted River Stretches in West Bengal stands with 13 rivers.

Site Inspection Report.Month- November 2024

NAME OF THE EXECUTING AGENCY- GAP WING/W&S SECTOR, KMDA

1. Physical progress of the operational STPs.

Sl. No.	Location	ULB Jurisdiction	Capacity in MLD	Actual utilization at present	Reasons for underutilization if any	Status of installation of OCEMs	Status of House Connection (if any)	Incremental progress over the last visit
1	Bhatpara	Bhatpara	60.50		1. Due to pending work of house connection 2. The STPs are designed as per the year of 2044 projected population.	Not install till now	Total House connection 91000 MLD. Connection completed as on date 34910. DPR for balance house connection under progress.	NIL
2	Kalyani	Kalyani	21.00	20.0	NA	Not install till now	Present length of network = 260 km (Approx) L&T= about 48km, existing about 212km, network remaining = about 110 km. Number of house hold = 30000, house connection	NIL

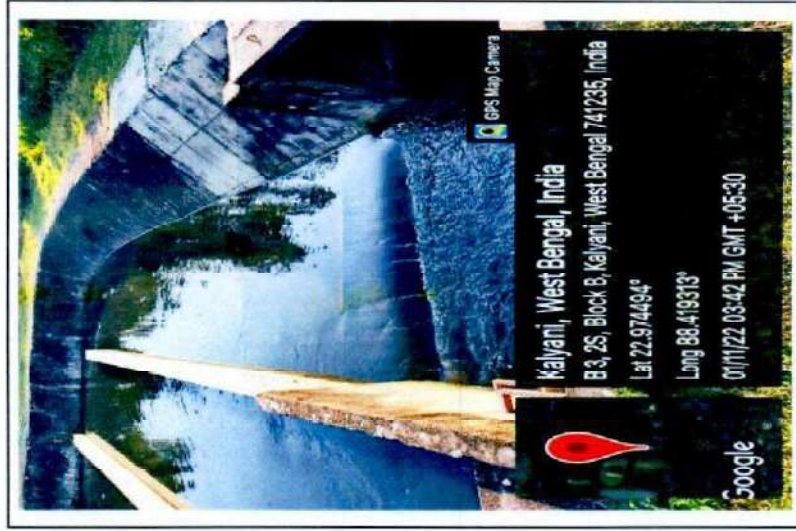
Sl. No.	Location	ULB Jurisdiction	Capacity in MLD	Actual utilization at present	Reasons for underutilization if any	Status of installation of OCEMs	Status of House Connection (if any)	Incremental progress over the last visit
3	Gayeshpur	Gayeshpur	8.33	3.73	Inadequate house connection	Not install till now	Due to pending work of house connection 11575 nos. of HSC has been completed out of 15000 household. Gayeshpur Municipality is executing the work by engaging agencies through tender. Work is in progress	Sewage (Influent) quality has been decreased compared to previous month viz. September, 2021 is 3.63 MLD.
4	Budge Budge	Budge Budge	9.3	7.673	Only for available drain connection	Not install till now	Total Connection 13200 House pit constructed -13348 nos IP constructed - 5368 Connection made to the source : 2384	Under O&M HDPE PIPELINE = 100 Mtr. Jack Push work : 10 Mtr. Manhole : 8 nos IP : 8 nos
5	Barrackpore	Barrackpore	24.0		Sewerage network could not be completed as the Local Municipal authority has barred the Sewerage network	Not install till now	"Barrackpore Municipality has completed about 25200 no House	Operation & Maintenance work for STP started

SL No.	Location	ULB Jurisdiction	Capacity in MLD	Actual utilization at present	Reasons for underutilization if any	Status of installation of OCEMs	Status of House Connection (if any)	Incremental progress over the last visit
					at present for the ensuing assembly poll and House connection work has not been completed. Presently sewage from the existing drains are being taken by I&D structures		connections out of 35000. Achieved Chamber up to 29.02.2024 is 40500 nos.	
6	Halisahar	Halisahar	16.0	6.20	a. House connection pending which executed from local ULB and about 600 nos house hold source connected out of total 32866 Nos. b. Some of the drains intercepted to collect water.	Not install till now	Due to pending work of house connection Total House connection needed 32866. Achieved Chamber nos 25941 Full completed 17142	Operation & Maintenance work for STP started.
7	Bandipur (Khardah)	Khardah	14.00	11.0	a. Necessary permission from railway to rectify/restore the leakage of rising main pipe yet not receive from the competent authority till to date.	Not install till now	NA	Operation & Maintenance work for STP started.
8	Garulia	Garulia	4	3.5	a. Irregular/inadequate pumping due pump break down etc may cause deficit in inlet	Not install till now	NA	Operation & Maintenance work for STP started.

Sl. No.	Location	ULB Jurisdiction	Capacity in MLD	Actual utilization at present	Reasons for underutilization if any	Status of installation of OCEMs	Status of House Connection (if any)	Incremental progress over the last visit
					discharge. b. Irregular cleaning of Debitola Pacha Khal from others authority causing chokage of inlet screen causing deficit in adequate inlet discharge.			
9	Naihati	Naihati	6.50	6.0	a. Irregular/inadequate pumping may cause deficit in inlet discharge. b. During dry season level of water reduces accordingly. c. Irregular cleaning of Lalbaba ghat darin and Ramghat drain from others authority causing chokage of inlet screen causing deficit in adequate inlet discharge.	Not install till now	NA	Operation & Maintenance work for STP started.
10	Naihati	Naihati	11.56	11.00	a. Irregular/inadequate pumping may cause deficit in inlet discharge. b. During dry season level of water reduces accordingly.	Not install till now	NA	Operation & Maintenance work for STP started.
11	Panihati	Panihati	12.00	12.0	a. Necessary permission from PWD to rectify/restore the	Not install till now	NA	Operation & Maintenance work for STP started.

Sl. No.	Location	ULB Jurisdiction	Capacity in MLD	Actual utilization at present	Reasons for underutilization if any	Status of installation of OCEMs	Status of House Connection (if any)	Incremental progress over the last visit
					leakage of rising main pipe yet not received from the competent authority till to date.			
12	Titagarh	Titagarh	9.00	9.0	a. Irregular pumping and operation due to existing labour /operator/ worker issues.	Not install till now	NA	Operation & Maintenance work for STP started.
13	Baidyabati	Baidyabati	6.00	4.44	-	Not install till now	NA	Operation & Maintenance work for STP started.
14	Bhadreswar	Bhadreswar	7.60	3.450	-	Not install till now	NA	Operation & Maintenance work for STP started.
15	Chandannagar	Chandannagar	22.66	7.0	During dry season level of water reduces accordingly.	Not install till now	NA	Operation & Maintenance work for STP started.
16	Eansberia	Bansberia	0.30	0.28	NA	Not install till now	NA	Operation & Maintenance work for STP started.
17	Uttarpara - Kotrung and Konnagar	Kanaipur Gram Panchayet	22.00	16.00	NA	Not install till now	NA	Trial run started from 27.07.2022) cleaning, repairing & renovtion of network- is under progress.
18	Nabadwip	Nabadwip	9.50 MLD	8.87	Actual capacity will reached in the year 2051	Installed	NA	O&M started from 01/07/2022
19	Kanchrapara	Kanchrapara	18.00 MLD	10.02	-	Not install till now		Trial & Run started from 01/09/2022

**SITE VISIT PHOTOGRAPH OF STP UNDER OPERATION & MAINTENANCE STAGE IN
November 2024**



KALYANI



KALYANI



BARRACKPORE



GAYESHPUR



HALISAHAR



KALYANI



Budge budge



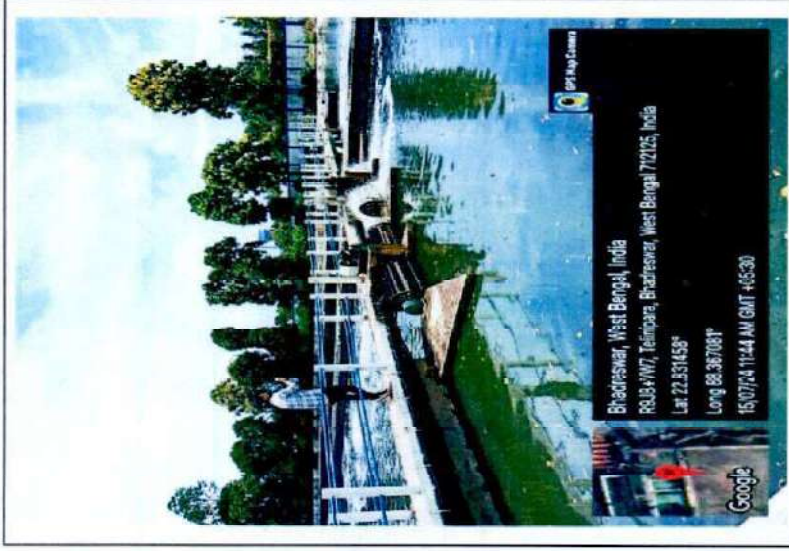
TITAGARH



NAIHATI



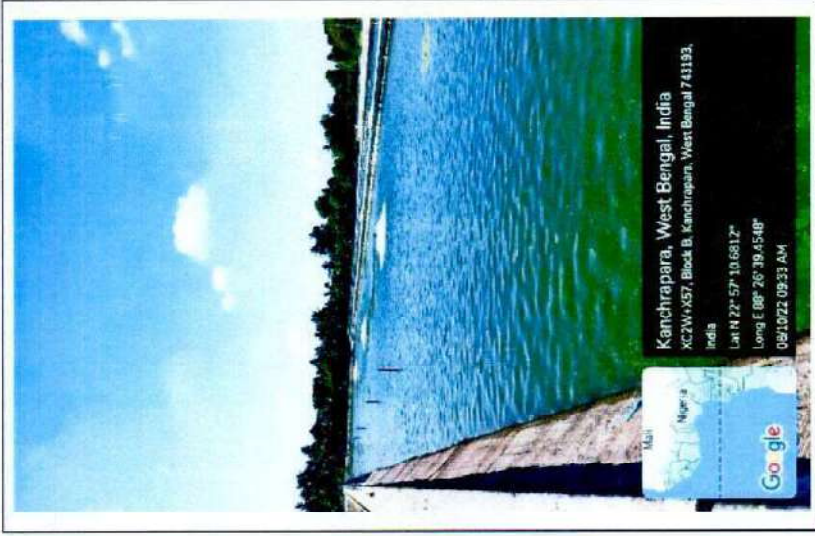
Baidyabati



Bhadreswar



Chandannagore



Kanchrapara, West Bengal, India
XC2W+X57, Block B, Kanchrapara, West Bengal 741133,
India
Lat N 24° 57' 10.6812"
Long E 88° 26' 39.4548"
09/10/22, 09:33 AM

KACHRAPARA



Kanaipur, West Bengal, India
M8Y7+GH1, Kanaipur, Kanaipur, Kanaipur P, West Bengal 712334, India
Lat 22° 09' 21.818"
Long 88° 33' 33.288"
21/08/24 01:58 PM GMT+05:30

Kanaipur STP



NABADWIP

1. Status of the non-operational STPs.

Sl. No	Location	ULB Jurisdiction	Capacity in MLD	Installed in (year) Non-functional since (year)	Current initiative towards functionalization, if any	Present Status	Incremental progress over the last visit
1.	Serampore	Serampore	18.6	Installed-1990 Non functional-2011	DPR for Augmentation and up gradation of the STP is under process	Non-functional	Nil
2.	Champdani	Champdani	1.00	Installed-2009 Non-functional-2018	DPR for Augmentation and up gradation of the STP is under process	Non-functional	Nil

2. STPs under different stages of execution.

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
1	Hooghly	Hooghly	26.50	Oct-2024	<p>progress as on 29.11.2024 parts =87.60% , E&M Part= 94.90% Overall progress =88.60% (Including E&M) 1) Sewrage network design as well as structural design completed and work going on. 2) Admin building Finishing work Completed. 3) 500 dia D.I pipe laying almost completed &Laying of 600 mm dia D.I pipe going on& gravity line going on. 4) MPS work Completed. 5) LS-3 work going on</p> <p>For Civil</p>	

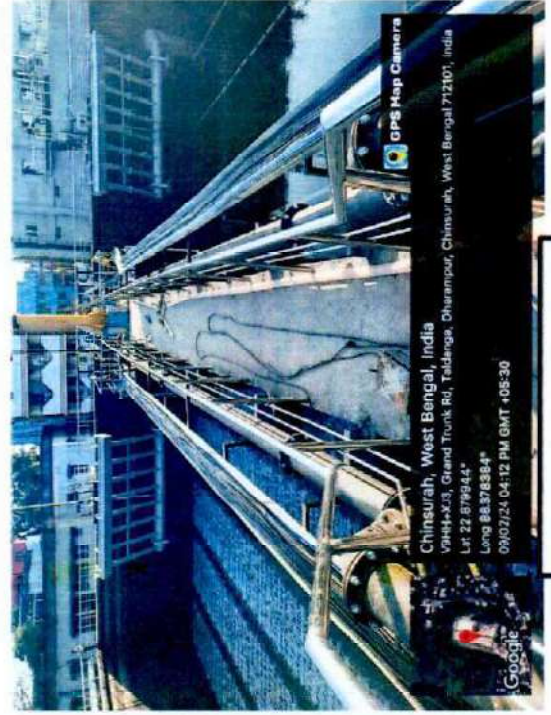
Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
2	Jangipur	Jangipur	8.00 MLD	SEP-2024	<p>Jangipur:</p> <p>Construction of STP Physical progress- Civil Work 90.00 % Completed</p> <p>i) SBR Basin: SBR wall is under progress.-Civil-99% Completed.</p> <p>ii) Inlet Chamber: Civil- 98% Completed.</p> <p>iii) MCC- Blower Room: Civil Work-97% Completed.</p> <p>iv) Centrifuge House of STP: Civil work-99% Completed.</p> <p>v) Chlorination Building : Civil work-98% Completed.</p> <p>vi) CCT : Civil Work-98% Completed.</p> <p>vii) MPS- 1 no. 90% civil work Completed</p> <p>viii) Boundary Wall- Civil work-70%</p> <p>I&D Structure: 30% completed</p> <p>Network Jangipur: DWC- 2120 m completed DI- 1756 m Completed</p> <p>LS at Burning Ghat: Civil Work-91.9%Completed.</p>	

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
3	Raghunathganj	Jangipur	5.00 MLD	SEP-2024	<p>Raghunathganj: Construction of STP Physical progress- Civil Work 88% completed i) SBR Basin: Civil Work- 99% Completed. ii) Inlet Chamber: Civil Work- 98.5% Completed. iii) MCC- Blower Room: Civil Work-95% Completed. iv) Centrifuge House of STP: Civil Work-98% Completed. v) Chlorination Building : Civil Work-98% Completed. vi) CCT room: Civil Work-98% Completed. vii) MPS- 1no. Civil Work-72% viii) Boundary wall- 70%</p> <p>1) LS at Global More: Civil work 38.3% completed. 2) UGLS at SHibaji Sangha: NOC issued on 01.02.2022., Drawing & Design is under progress. 3) UGLS at Balighata: NOC has been issued on 07.07.2022. Drawing & Design is under progress. Network Raghunathganj : DWC 780 M completed out of 4576 M, DI 104 M Completed Out of 1785 M</p>	
4	Berhampore	Berhampore	3.50 MLD	SEP-2024	<p>As per proposed revised BOQ Physical Progress of STP upto 30.11.2024 : 63 % (Considering actual progress as received from E&M Sector) Construction of STP Physical progress- Civil Work 69.5% Completed. i) SBR Basin: Civil Work-97% Completed. ii) MPS- 39% Completed iii) Centrifuge House- 87% Completed iv) Inlet Chamber- 90% Completed v) MCC Blower Room- 84% Completed. v) Boundary Wall- Civil work- 120 m/240m Completed</p>	

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
					<p>LS at Kapiler Math: Civil work Progress-43% LS near DM Bungalow: Civil work Progress-39% UGLS at Battala: 80% civil work completed. I&D Structure: 41.38 % completed. Network: 83.5% completed</p> <p>Laying of HDPE(DWC) pipe of 4150m length done till date out of 5011m. Laying of Raising main of 734 m length done till date.</p>	
5	Bally (Kona)	Jagacha Gram Panchayet	62.00	SEP-2024	<p>Overall progress: 97.54% STP: 99.83% Network: Manhole Rising 98% LS MPS Repair 90% Desilting 97% Pipe Laying 97% Pipe Laying 98%</p>	
6	Arupara	Howrah	65.00	SEP-2024	<p>Overall progress: 94.94% STP :99.86% Network: Manhole Rising 99% LS MPS Repair 98%</p>	
7	Mathkal	Baranagar	60.00	SEP-2024	<p>Overall progress: 96.08% STP : 99.91% Network: Manhole Rising 96% LS MPS Repair 95% Desilting 98% Pipe Laying 94%</p>	
8	Maheshkala	Maheshkala	35.00	DEC 2024	<p>Total:-87.77% completed till 30-11-24 consisting of :- 1. 30.34% of STP Civil Process unit. 2. 2.20% of Office Building & Staff Quarter. 3. 26.5% of Supply of Electromechanical Items. 4. 28.73% of Associate Infra Civil Structure &</p>	

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
					<p>pipe Laying works.</p> <p>SBR Basin:-Platform & wall 100% completed.</p> <p>Hydrotesting of Basin-1 ,2,3 completed.</p> <p>CCT:- 1st floor slab casting completed.</p> <p>Brickwork & Plastering Completed.</p> <p>SHU:- 2nd floor slab casting 100% completed.</p> <p>PTU:- Grit Chamber side wall WIP.</p> <p>Admin Building:- Electrification, Painting, Window Fixing, Flooring WIP</p> <p>Staff Quarter:- Electrification WIP.</p> <p>Pipelaying:- Pipe Laying, Hydrotesting & Road Restiration WIP.</p> <p>LS2- Raft 100% completed. Wall WIP.</p> <p>LS-2A:- Raft and sinking of Well 100% completed.</p> <p>LS-3:- Raft and sinking of Well 100% completed.</p> <p>Total:-50.267% completed till 29-11-2024 consisting of :-</p>	
9	North Barrackpore	North Barrackpore	38.00	OCT-2025	<p>SBR Basin:-</p> <p>Piling of SBR Basins 100% Completed and work upto raft including PCC 100% completed.</p> <p>Raft R.C.C at base level 100% completed.</p> <p>1st Lift wall at SBR 100% completed.</p> <p>2nd Lift of Wall at SBR 100 % completed. 3RD Lift of Wall 98% Completed. Final Lift of Wall 95% completed.Walkways and Channels- 58% . Therefore, oveall completion of SBR Basins is 14.835%.</p> <p>PU Unit:- Piling of PU Unit 100% Completed.</p> <p>Scour chamber, Pile cap and beam casting is in progress. Work upto plinth 100 % completed.</p> <p>PCC & RCC footing 100% completed., Inlet chamber slab with column & wall 100%, Grit chamber slab with column 100% , Parshall flume</p>	

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
					<p>slab with Column 20 % , Miscellaneous Work 20% Overall completion of PU is 0.906%.</p> <p>SHU:- Piling of SHU 100% Completed. Work upto plinth 100.00% completed, RCC upto (G S TILT+1) slab 65 %. Overall Completion of SHU is 0.2475%.</p> <p>ADMIN BUILDING:- Piling of ADB 100% completed. Work upto plinth 100% completed. 50% of RCC work 100%,Balance 50% of RCC Work - 100% Completed, Brick Work & Plaster - 95% Completed. Flooring & Finishing Works - 40% Overall completion of ADB is 2.318%.</p> <p>HT Substation:- Piling of HT Substation 100% completed.</p>	



Hooghly Chinsurah



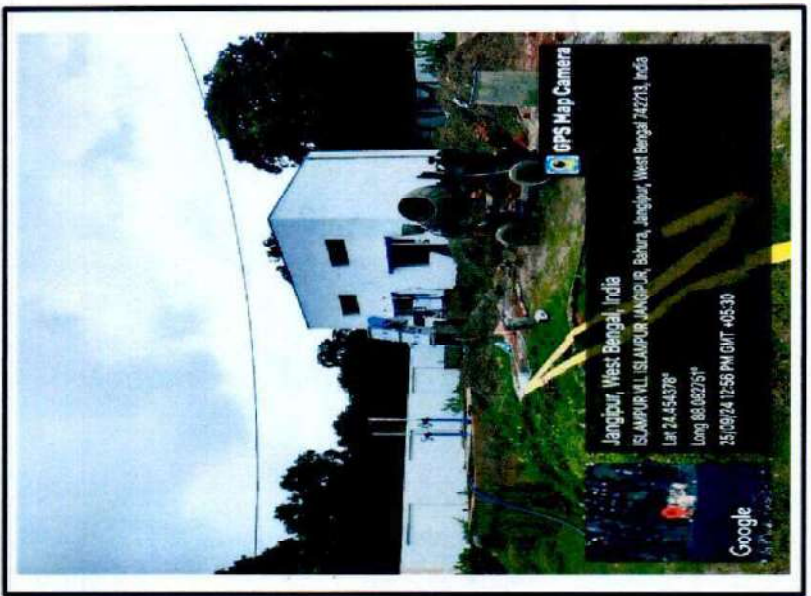
Maheshtala



BEHARAMPORE STP SITE



RAGHUNATHGUNJ STP SITE



JANGIPUR



BALLY



ARUPARA



BARAHANAGAR



NORTH BARRACKPORE

3. Status of Polluted Drains discharging to river Ganga.

Sl no.	Name of drain	City/Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
1.	Jangipur Drain	Jangipur	0.8 MLD	Presently in-situ treatment work is ongoing and in future it will be tapped under the ongoing Baharampore - Jangipur Interception & Diversion Project. Bar screen has already been installed.	YES	To be tapped under 8.0MLD Jangipur STP.	Dosing and Desilting work is in progress
2.	Halisahar Drain	Halisahar	22..94 MLD	To be intercepted in the Halisahar STP (16.00 MLD capacity) which is under execution.	NO	On- line treatment proposal sent.	Installation of gate completed.
3.	Garifa Drain-South / Ramaghat Open pucca drain	Garifa	4.85 MLD	Considered to be connected with the STP 1 (6.50 MLD capacity) at Naihati in rejuvenation works under North 24 Parganas district.	NO	Partially tapped under Naihati STP (WSP)	Lock Gate Installed
4.	Garifa Drain-North	Garifa	10.36 MLD	Considered to be connected with the STP 1 (6.50 MLD capacity) at Naihati in rejuvenation works under North 24 Parganas district.	NO	Partially tapped under Naihati STP (WSP)	Lock Gate Installed..
5.	Thanar Khal	Naihati	10.18 MLD	Considered to be connected with the STP 2 (11.56 MLD capacity) at Naihati rejuvenation works under North 24 Parganas district.	NO	Partially tapped under Naihati STP (ASP)	Lock Gate Installed completed.
6.	Imambara Khal	Hooghly-Chinsurah	5.24 MLD	Will be tapped in Hooghly Chinsurah STP, under construction.	No	Will be trapped in Hooghly Chinsurah STP, under	NIL

Sl no.	Name of drain	City/Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
						construction.	
7.	Chinsurah-Majir Rasta Drain	Hooghly-Chinsurah	17.12 MLD	Consider in Hooghly - Chinsurah Revised DPR	No	Will be trapped in Hooghly Chinsurah STP, under construction.	NIL
8.	ChandniGhat Drain	Hooghly-Chinsurah	25.75 MLD	Consider in Hooghly - Chinsurah Revised DPR	No	Will be trapped in Hooghly Chinsurah STP, under construction	NIL
9.	DebitalaPancha Khal	Garulia	46.36 MLD	Considered to be connected with the STP (7.90 MLD capacity) at Garulia in rejuvenation works under North 24 Parganas district.	No	Partially tapped under Garulia STP (wsp)	NIL
10.	Serampore/Bha girathi Drain	Serampore	91.88	Planned to be diverted to the existing Serampore STP which will be renovated after the finalization of Tender	No	In house DPR is ready. But it could not be submitted due to lack of NOC of railway crossing from South Eastern Rail.	Nil
11.	Chatra Khal	Serampore	76.30	Planned to be diverted to the existing Serampore STP which will be renovated after the finalization of Tender	No	DO	NA
12.	Barrackpore Khal (S. P. Banglow)	North Barrackpore	4.87 MLD	Considered to be connected with the STP 1 (6.50 MLD capacity) at North Barrackpore. DPR submitted to	No	To be tapped in the proposed 8 MLD STP of Monirampur.	NIL

SI no.	Name of drain	City/Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
				NMCG on 22.07.2020 for approval.			
13.	Gandhi Ghat Drain	Barrackpore	4.07 MLD	To be intercepted in the Barrackpore STP (6.00 MLD capacity) which is under execution.	NO	Tapped under 6 MLD STP Barrackpur.	NIL
14.	Dhobi Ghat Drain	North Barrackpore	0.47 MLD	Considered to be connected with the STP 1 (6.50 MLD capacity) at North Barrackpore. DPR submitted to NMCG on 22.07.2020 for approval.	No	To be tapped in the proposed 8 MLD STP of Monirampur.	NIL
15.	Titagarh Drain (BishalaxmiGhat)	Titagarh	5.79 MLD	Considered to be connected with the STP (14.10 MLD capacity) at Khardah-Bandipur in rejuvenation works under North 24 Parganas district.	NO	Partially tapped under Bandipur STP.	NIL
16.	Hasting Ghat Drain	Rishra	45.50 MLD	Considered to be connected with the existing LS at Rishra Hooghly district.	Considered to be connect at LS at rishra	Consultant engaged for DPR.DPR shall be submitted by 14.09.24	Financial evaluation in progress
17.	DewangaziGhat Drain	Bally	20.67 MLD	Considered in Kona STP (62.00 MLD) at Bally which shall be executed by Ganga STP Project Pvt. Ltd. under HAM.	Not yet	On-line treatment proposal sent.	NIL
18.	JagatnathGhat Drain-1	Belur	4.29 MLD	Considered in Kona STP (62.00 MLD) at Bally which shall be executed by Ganga STP Project Pvt. Ltd. under HAM.	No	To be trapped under HBB HAM.	NIL

SI no.	Name of drain	City/Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
19.	Kamarhati Drain @ Jute Mill	Baranagar	42.48 MLD	Considered in Kamarhati-Baranagar STP (60.00 MLD) at Baranagar which shall be executed by Ganga STP Project Pvt. Ltd. under HAM	No	Partially tapped under 60MLD Baranagar STP under HAM mode.	NIL
20.	Kamarhati Drain @ PB Ghat	Panihati	4.76 MLD	Considered to be connected with the STP (12.00 MLD capacity) at Panihati in rejuvenation works under North 24 Parganas district.	No	Partially tapped under Panihati STP.	NIL
21.	Kuthighat Drain/ Baranagar Khal	Baranagar	10.84 MLD	Considered in Kamarhati-Baranagar STP (60.00 MLD) at Baranagar which shall be executed by Ganga STP Project Pvt. Ltd. under HAM.	No	Consultant to be engaged.	NIL
22.	Chitpur Ghat Khal/ Circular Canal	Chitpur	497.65 MLD	KMC area connected with Bangur STP & EKW. (KMC)	No	Under KMC	Under KMC
23.	Cossipore / Kashipur drain	Cossipore	15.09 MLD	Connected to Bangur STP. (KMC)	NO	Under KMC	Under KMC
24.	Telka Ghat Drain	Howrah	10.55 MLD	Considered in Arupara STP (65.00 MLD) at Howrah which shall be executed by Ganga STP Project Pvt. Ltd. under HAM	NO	Engagement of consultant is under process	Nil
25.	Ramkrishna Ghat Drain	Howrah	10.20 MLD	Considered in Arupara STP (65.00 MLD) at Howrah which shall be executed by Ganga STP Project Pvt. Ltd. under HAM	NO	Engagement of consultant is under process	Nil

Sl no.	Name of drain	City/Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
26.	101, Foreshore Road Drain	Howrah	0.00 MLD	Considered in Arupara STP (65.00 MLD) at Howrah which shall be executed by Ganga STP Project Pvt. Ltd. under HAM	NO	Engagement of consultant is under process	Nil
27.	Tolly Nala	Dalighat, Hastings, Kolkata	252.49 MLD	3 new STPs are proposed (KMC)	Under KMC	Tolly's Nullah is guarded with 8 floating garbage arrester nets at different locations to arrest the floating materials for the ease of removing the same from reaching to the River.	Under KMC
28.	Nimtala Burning Ghat Drain	Nimtala Ghat, Kolkata	35.93 MLD	This is combined sewer overflow line. There is a penstock gate arrangement to discharge diluted sewage in river. DWF is taken to EKW through a system of sewer network, pumping stations and canals. (KMC).	NO	Under KMC	NIL
29.	Dhankheti/ PB Ghat Khal	Metiabruz, Kolkata	26.09 MLD	Draft DPR for I&D submitted to NMCG for approval on 30.03.2019. 3 New STPs are proposed.	Under KMC	Dhankheti Khal is guarded with 3bar screens at different locations to arrest the floating materials for the ease of removing the same from reaching to the	Under KMC

SI no.	Name of drain	City/Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
						River.	
30.	Shibpur Burning Ghat Drain	Shibpur-Howrah	22.79 MLD	Considered in Arupara STP (65.00 MLD) at Howrah which shall be executed by Ganga STP Project Pvt. Ltd. under HAM.	No	Engagement of consultant is under process	Nil
31.	Bagherkhal	Kanchrapara	55.65MLD	To be diverted to the ongoing Kanchrapara STP	No	Already Tapped	Nil
32.	130 Foreshore Road Drain	Howrah	0.0069 MLD	Considered in Arupara STP (65.00 MLD) at Howrah which shall be executed by Ganga STP Project Pvt. Ltd. under HAM	No	Engagement of consultant is under process	Nil
33.	Alliance Mill Drain	Bhatpara	1.38 MLD	Diverted to 31 MLD STP at Jaggadal	No	Already tapped.	NA
34.	Rosbara Khal	Bandel	9.11 MLD	Proposed to be connected with the STP (26.50 MLD capacity) at Hooghly - Chinsurah Municipality. DPR approved by NMCG on 28.08.2020.	No	Will be tapped in Hooghly chinsurah STP, under construction.	Nil
35.	Old Muni Khali Khal	Mahestala	11.72 MLD	Considered in 35 MLD STP under Maheshtala HAM Project.	No	Construction of Interception & Diversion structure is in progress to tap the Khal with the STP.	
36.	Bhatpara Drain	Bhatpara	8.75 MLD	NO	NO		NIL

Sl no.	Name of drain	City/Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
37.	Pratapnagar-Rajbari Drain	Bhatpara	35.3 MLD			DPR already sent to NMCG for approval	NIL
38.	Bhatpara-Open pucca drain	Bhatpara	61.89 MLD			Already been taken up by GAP sector KMDA	
39.	Bagh Khal	Rishra	65.52 MLD	NO	Tender invited for Preparation of DPR for Rishra Municipal Town in I&D with STP.	Consultant engaged for DPR. DPR shall be submitted by 14.09.24	Financial evaluation in progress
40.	Majher Char Khal	Kalyani	24.32 MLD	NO	This drain will receive 90% of its flow from Kalyani Town and therefore a disinfection unit proposed there.	DPR preparation under process.	NIL
41.	Champdani Ferry Ghat / Paolghat Drain	Chapdani	25.75 MLD	I&D work proposed after Augmentation/Up-gradation of existing STP at Serampore&Champdani Municipal town.	Tender Invited for preparation of DPR.	In house DPR is ready. But it could not be submitted due to lack of NOC for MPS land.	Financial evaluation in progress
42.	Khardah Khal	Khardah	105.60 MLD	NO	Drain with humungus capacity and flow will be treated as	Consultant engaged for DPR. DPR shall be submitted by 14.09.24.	Financial evaluation in progress

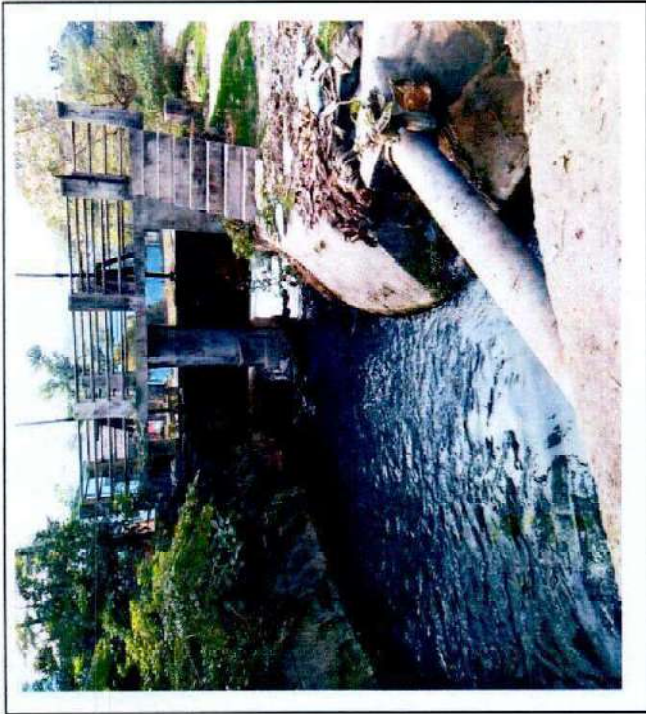
SI no.	Name of drain	City/Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
					separate canal/River		
43.	N.C. Pal Khal	Sankrail, Howrah	4.12 MLD	NO	Tender invited for Preparation of DPR for Howrah added zone in I&D with STP	To be tapped/DPR under tendering stage.	Financial evaluation in progress
44.	Saraswati Khal	Howrah	3.65 MLD	NO	Tender invited for Preparation of DPR for Howrah added zone in I&D with STP.	To be tapped/DPR under tendering stage.	NIL
45.	DhopaChat Drain	Bansberia	7.31 MLD	NO	NO	Engagement of consultant is under process	NIL
46.	Chandannagar Drain	Chandannagar	0.4 MLD	Taken up into the STP at Chandannagar by I&D work	NO	Already tapped in Chandannagar STP.	NIL
47.	Nazerganj Khal	Sankrail, Howrah	336.71 MLD	No	Preparation of DPR for Howrah added zone in I&D with STP	To be tapped/DPR under tendering stage.	Financial evaluation in progress
48.	IITC Triveni Drain	Hooghly	3.88 MLD	No	No	This drain carries discharge from IITC, tribeni. It is located under Chandrahatty-2 panchayet.	Action plan of this drain has been submitted by WBPCB.

Sl no.	Name of drain	City/Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
49.	Akhra Food Ghat drain (New Muni Khali Khal)	Mahestala	42.62 MLD	Considered in 35 MLD STP under Maheshtala HAM Project.	No	Construction of Interception & Diversion structure is in progress to tap the Khal with the STP.	Financial evaluation in progress
50.	DVC Canal	Champdani	72.52 MLD	No	No	Consultant engaged for DPR. DPR shall be submitted by 14.09.2024	Financial evaluation in progress
51.	Bazarpara-Garighat Drain / Sharenga drain	Sarenga-Sankrail, Howrah	87.20 MLD	No	No	To be tapped under tendering stage.	Action plan of this drain has been submitted by WBPCB.
52.	Baidyabati Drain	Baidyabati	128.77 MLD	No	Drain with humungous capacity and flow will be treated as separate canal/River	Consultant engaged for DPR. DPR shall be submitted by 14.09.2024	Financial evaluation in progress
53.	Bally Khal	Bally	264.52 MLD	NO	Drain with humungous capacity and flow will be treated as	Consultant engaged for DPR. DPR shall be submitted by 14.09.2024	Financial evaluation in progress

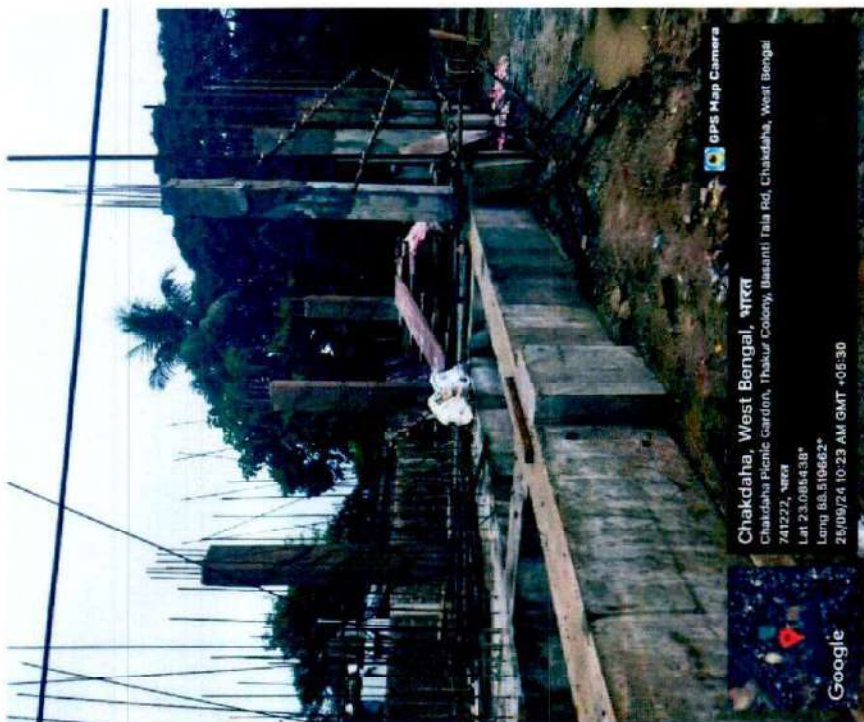
SI no.	Name of drain	City/Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
					separate canal/River		
54.	Singhi More Khal	Sankrail, Howrah	14.20 MLD	NO	Tender invited for Preparation of DPR for Howrah added zone in I&D with STP	To be tapped/DPR under tendering stage.	Financial evaluation in progress
55.	BTPS Out fall Drain-I	Hooghly	49.03 MLD	No	No	This drain carries discharge from btps, tribeni. It is located under chandrahatty-2 Panchayet.	NIL
56.	Bagher Khal	Kanchrapara	55.65 MLD	To be diverted to the ongoing Kanchrapara STP	No	I&D work is under Progress	Nil



HALISAHAR DRAIN LOCKGATE



GARIFA SOUTH (RAM GHAT)



CHAKDAHA



RANAGHAT

4. Details of Alternate Treatment Technology being adopted in the Polluted River Stretches.

River name	Polluting drain	In-situ treatment details	MLD treated	Present Status	Incremental progress over the last visit
GANGA	Jangipur Drain	Bio/Phyto remediation treatment process as interim measure has been taken up for Jangipur drain. Chemical dosing, desilting work etc. has been taken up periodically and as per the test result data it is expected, the desired test result for waste water may be achieved with the present treatment process.	0.2	Chemical dosing, desilting work etc. has been taken up periodically	Dosing and Desilting work is in progress

Date: 10.01.2023

Name of Reporting Engineer: PRANTIK RAY

Designation: CHIEF ENGINEER

Government of West Bengal

Department of Urban Development & Municipal Affairs

DF-8, Sector-I, Salt Lake,

Kolkata-700064

MemoNo. -UDMA-24011(99)/7/2021-JS(UDMA)

For smooth and efficient execution of the Projects taken under NamamiGange Schemes and with respect to the Action Plans submitted to the River Rejuvenation Committee in connection with the Polluted river stretches of the State (categorized as Priority I, II, III, IV, V Rivers), in respect of which the Department of UD & MA has to submit Reports and Returns on regular basis as mandated by Hon'ble NCT under different OAs, it is felt necessary now, that the concerned Engineers of the Executing Agencies- KMDA, KMC, MED, SJDA, SLRDC, ADDA, and others should make compulsory Site Visits every month and monitor the progress of different Projects which include:

1. Visit to STPs under Construction, Rejuvenation, Renovation, Household Connections, laying of Sewer network including routine visits.
2. Visit to the Polluted Drains and review the progress of different Pollution Abatement measures being taken.
3. Visit to the identified Polluted River stretches and review the progress of different Pollution Abatement measures being taken thereon and on the outfalls.

Post Visit, a detailed report showing incremental Progress over the last visit along with good quality photographs to be submitted to the Department every month through proper channel in the enclosed Format. For this purpose, the controlling Head of the Executing Agency may compile all the site inspection Reports and submit the final Report accordingly. This mechanism will ensure quality monitoring and will expedite timely completion of different undergoing Projects.

This issue has an approval of the Higher Authorities.

Joint Secretary
UD&MA
Department

MemoNo. -UDMA-24011(99)/7/2021-JS(UDMA)

1. Municipal Commissioner, Kolkata Municipal Corporation,
2. CEO KMDA
3. CEO SJDA
4. CEO ADDA
5. Chairman, Liquid Waste Management Committee
6. Joint Secretary, KMDA
7. Secretary, MED
8. Chief Engineer, GAP Sector, KMDA
9. Chief Engineer, KMDA
10. Chief Engineer, MED
11. Additional Chief Engineer, SJDA
12. Additional Chief Engineer, ADDA
13. Special Engineer, SLRDC

14. OSD to the Municipal Commissioner, KMDA
15. PS to Hon'ble MIC
16. PS to Principal Secretary

Joint
Secretary UD&MA
Department

Capacity Utilization of Functional STPs (excluding EKW, Dhiler Bheri, Natural treatment) in West Bengal as on Nov 2024

SI NO.	Name of STP	Executing Agency	Built up Capacity (MLD)	Design flow to come as on Nov 2024	Actual Utilization as on Nov 2024 (MLD)	Percentage Utilization (%)	Technology	Remarks
[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	
1	Jagaddal Bhatpara New	KMDA	31.00	25.10	20.09	80.04	FBAS	
2	Shyamnagar	KMDA	10.00	8.10	2.70	33.33	WSP	
3	Jagaddal Bhatpara old	KMDA	9.50	7.69	1.59	20.68	ASP	
4	Kankinara STP, Madrail, Bhatpara	KMDA	10.00	8.10	5.60	69.14	FBAS	
5	STP Kalyani-I	KMDA	11.00	11.00	9.60	87.27	TRICKLING FILTER	
6	STP Kalyani-II	KMDA	10.00	10.00	9.40	94.00	WSP	
7	Gayeshpur	KMDA	8.33	4.80	3.70	77.08	SBR	
8	Bansberia	KMDA	0.30	0.30	0.28	93.33	WSP	
9	Konnagar	KMDA	22.00	22.00	16.00	72.73	WSP	
10	Naihati	KMDA	11.56	11.56	11.56	100.00	ASP	
11	Garden Reach	KMC	57.00	57.00	53.68	94.18		
12	Keorapukur	KMC	45.00	45.00	26.00	57.78		
13	Nabadwip Municipality Nadia	PHED	10.50	10.50	6.72	64.00		
14	Katwa Municipality, PurbaBurdwan	PHED	4.36	4.36	2.36	54.13		
15	Diamond Harbour Municipality	PHED	2.03	2.03	0.20	9.85		
16	Murshidabad Municipality	PHED	1.96	1.96	0.24	12.09		
17	JiagunjAzimgunjTakia Oxidation Pond	MED	0.69	0.69	0.95	68.84		
18	JiagunjAzimgunjTakiaOxidation Pond	MED	0.69	0.69				
19	Barrackpore	KMDA	18.00	12.50	8.32	66.56	SBR	
20	Barrackpore	KMDA	6.00	3.60	2.77	76.94	SBR	
21	Halisahar	KMDA	16.00	10.75	6.20	57.67	SBR	
22	Budge-Budge	KMDA	9.30	8.48	7.67	90.45	SBR	
23	Nabadwip	KMDA	9.50	7.80	3.81	48.85	Extended Aeration Tube Settler	
24	Baidyabati	KMDA	6.00	6.00	4.44	74.00	Aerated Lagoon	
25	Bhadreswar	KMDA	7.60	7.60	3.45	45.39	Aerated Lagoon	
26	Garulia	KMDA	4.10	4.10	3.50	85.37	WSP	
27	Chandannagar, Khalisani, Chinsurah-Hooghly	KMDA	18.16	18.16	5.50	30.29	Trickling Filter	
28	Chandannagar, Khalisani, Chinsurah-Hooghly	KMDA	4.54	4.54	1.50	33.04	Oxidation Pond	
29	Titagarh	KMDA	4.54	4.54	4.50	99.12	ASP	
30	Titagarh	KMDA	4.54	4.54	4.50	99.12	OP	
31	Bandipur (Khardaha)	KMDA	14.10	14.10	11.00	78.01	WSP	
32	Naihati	KMDA	6.50	6.50	6.00	92.31	WSP	
33	Panihati	KMDA	12.00	12.00	12.00	100.00	WSP	
34	Kanchrapara	KMDA	18.00	13.92	8.50	61.06	AL	
35	Bangur	KMC	52.00	52.00	26.00	50.00		
36	Baghajatin	KMC	15.00	15.00	14.25	95.00		
37	Hatisur	KMC	10.00	10.00	8.00	80.00		
38	Kestopur	UDMA (SLRDC)	27.24	27.24	18.00	66.08		
39	Digha Sankarpur Development Area	PHED	6.70	6.70	3.00	44.78		
40	New Town Kolkata (Action Area IIC)	PHED	31.00	20.00	10.00	50.00		

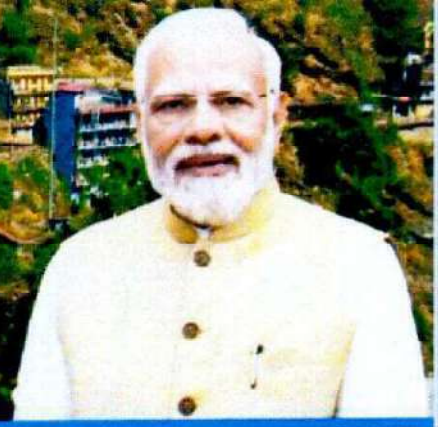
41	New Town Kolkata (Action Area IIB)	PHED	14.00	8.40	2.10	25.00		
42	New Town, Rajarhat (Action Area-IIID)	PHED	24.00	9.00	5.00	55.56		
43	East Kolkata Wetlands	KMC	910.00	910.00	910.00	100.00		
44	Dhiler Bheri	NKDA	150.00	100.00	27.00	27.00		
45	Durgapur City Centre	DMC	1.00	1.00	1.00	100.00		
46	Tarapith	PHED	4.25	3.19	1.40	43.89		
47	Berhampore	PHED	3.70	3.70	1.78	48.11		
48	Primary Treatment	MED	95.00	95.00	95.00	100.00		
49	Howrah	KMDA	65	55.57	18	32.39	ASP	
50	Bally	KMDA	62	53	30	56.60	ASP+WSP	
51	Baranagar	KMDA	60	41.1	12	29.20	ASP	
51	Sreenathpur	KMDA	4.00	3.44	2.39	69.48	SBR	
52	Silver Jubilee Road	KMDA	2.60	2.21	1.87	84.62	SBR	
53	Hooghly Chinsurah	KMDA	26.50	23	9.00	39.13	SBR	
Total (in MLD)			1942.29	1786.56	1451.12			
% Utilisation of Functional excluding STPs at 43, 44 48					61.49			

Capacity Utilization of Functional STPs in West Bengal as on Nov 2024

SI NO.	Name of STP	Executing Agency	Built up Capacity (MLD)	Design flow to come as on Nov 2024	Actual Utilization as on Nov 2024 (MLD)	Percentage Utilization (%)	Technology	Remarks
[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	
1	Jagaddal Bhatpara New	KMDA	31.00	25.10	20.09	80.04	FBAS	
2	Shyamnagar	KMDA	10.00	8.10	2.70	33.33	WSP	
3	Jagaddal Bhatpara old	KMDA	9.50	7.69	1.59	20.68	ASP	
4	Kankinara STP, Madrail, Bhatpara	KMDA	10.00	8.10	5.60	69.14	FBAS	
5	STP Kalyani-I	KMDA	11.00	11.00	9.60	87.27	TRICKLING FILTER	
6	STP Kalyani-II	KMDA	10.00	10.00	9.40	94.00	WSP	
7	Gayeshpur	KMDA	8.33	4.80	3.70	77.08	SBR	
8	Bansberia	KMDA	0.30	0.30	0.28	93.33	WSP	
9	Konnagar	KMDA	22.00	22.00	16.00	72.73	WSP	
10	Naihati	KMDA	11.56	11.56	11.56	100.00	ASP	
11	Garden Reach	KMC	57.00	57.00	53.68	94.18		
12	Keorapukur	KMC	45.00	45.00	26.00	57.78		
13	Nabadwip Municipality Nadia	PHED	10.50	10.50	6.72	64.00		
14	Katwa Municipality, PurbaBurdwan	PHED	4.36	4.36	2.36	54.13		
15	Diamond Harbour Municipality	PHED	2.03	2.03	0.20	9.85		
16	Murshidabad Municipality	PHED	1.96	1.96	0.24	12.09		
17	JiagunjAzimgunjTakia Oxidation Pond	MED	0.69	0.69	0.95	68.84		
18	JiagurjAzimgunjTakiaOxidation Pond	MED	0.69	0.69				
19	Barrackpore	KMDA	18.00	12.50	8.32	66.56	SBR	
20	Barrackpore	KMDA	6.00	3.60	2.77	76.94	SBR	
21	Halisahar	KMDA	16.00	10.75	6.20	57.67	SBR	
22	Budge-Budge	KMDA	9.30	8.48	7.67	90.45	SBR	
23	Nabadwip	KMDA	9.50	7.80	3.81	48.85	Extended Areation Tube Settler	
24	Baidyabati	KMDA	6.00	6.00	4.44	74.00	Areated Lagoon	
25	Bhadreswar	KMDA	7.60	7.60	3.45	45.39	Areated Lagoon	
26	Garulia	KMDA	4.10	4.10	3.50	85.37	WSP	
27	Chandannagar, Khalisani, Chinsurah-Hooghly	KMDA	18.16	18.16	5.50	30.29	Trickling Filter	
28	Chandannagar, Khalisani, Chinsurah-Hooghly	KMDA	4.54	4.54	1.50	33.04	Oxidation Pond	
29	Titagarh	KMDA	4.54	4.54	4.50	99.12	ASP	
30	Titagarh	KMDA	4.54	4.54	4.50	99.12	OP	
31	Bandipur (Khardaha)	KMDA	14.10	14.10	11.00	78.01	WSP	
32	Naihati	KMDA	6.50	6.50	6.00	92.31	WSP	
33	Panihati	KMDA	12.00	12.00	12.00	100.00	WSP	
34	Kanchrapara	KMDA	18.00	13.92	8.50	61.06	AL	
35	Bangur	KMC	52.00	52.00	26.00	50.00		
36	Baghajatin	KMC	15.00	15.00	14.25	95.00		
37	Hatisur	KMC	10.00	10.00	8.00	80.00		
38	Kestopur	UDMA (SLRDC)	27.24	27.24	18.00	66.08		
39	Digha Sankarpur Development Area	PHED	6.70	6.70	3.00	44.78		
40	New Town Kolkata (Action Area IIC)	PHED	31.00	20.00	10.00	50.00		

41	New Town Kolkata (Action Area IIB)	PHED	14.00	8.40	2.10	25.00		
42	New Town, Rajarhat (Action Area-IIID)	PHED	24.00	9.00	5.00	55.56		
43	East Kolkata Wetlands	KMC	910.00	910.00	910.00	100.00		
44	Dhiler Bheri	NKDA	150.00	100.00	27.00	27.00		
45	Durgapur City Centre	DMC	1.00	1.00	1.00	100.00		
46	Tarapith	PHED	4.25	3.19	1.40	43.89		
47	Berhampore	PHED	3.70	3.70	1.78	48.11		
48	Primary Treatment	MED	95.00	95.00	95.00	100.00		
49	Howrah	KMDA	65	55.57	18	32.39	ASP	
50	Bally	KMDA	62	53	30	56.60	ASP+WSP	
51	Baranagar	KMDA	60	41.1	12	29.20	ASP	
51	Sreenathpur	KMDA	4.00	3.44	2.39	69.48	SBR	
52	Silver Jubilee Road	KMDA	2.60	2.21	1.87	84.62	SBR	
53	Hooghly Chinsurah	KMDA	26.50	23	9.00	39.13	SBR	
Total (in MLD)			1942.29	1786.56	1451.12			
% Utilisation of Functional STPs					81.22			

GNAMAMI GANGE



Annual Report

2023-24



National Mission for Clean Ganga
Department of Water Resources, River Development
& Ganga Rejuvenation, Ministry of Jal Shakti,
Government of India

Water Quality Monitoring of River Ganga

Water quality monitoring is an imperative prerequisite to assess the nature and extent of pollution control needed in different water bodies or their part. Under the Namami Gange programme, Central Pollution Control Board in collaboration with State Pollution Control Boards has established a Water Quality Monitoring Network with following objectives:

- Rational planning of pollution control strategies and their prioritisation
- Assess nature and extent of pollution control needed in different water bodies or their part
- Evaluate effectiveness of pollution control measures already in existence
- Evaluate water quality trend over a period
- Assess assimilative capacity of a water body thereby reducing cost on pollution control
- Understand the environmental fate of different pollutants
- Assess the fitness of water for different uses.

The ultimate objective of the pollution abatement interventions towards river Ganga rejuvenation is to meet the river bathing water quality criteria notified by the MoEF&CC. Water quality monitoring of River Ganga is carried out through manual as well as sensors based real time system.

5.1 Manual Water Quality Monitoring of River Ganga

Under the Namami Gange Programme, Central Pollution Control Board (CPCB) is carrying out the manual water quality monitoring of River Ganga at **112 locations in five States** viz. Uttarakhand, Uttar Pradesh, Bihar, Jharkhand, and West Bengal in collaboration with State Pollution Control Boards.

The assessment of water quality is based on Standard Operating Procedure (SOP), which stipulates the methods for analysis of parameters and frequency. Water samples are analysed for **07 field parameters, 09 core parameters, 19 general parameters, 09 trace metals and set of pesticides with a frequency of fortnightly and monthly, quarterly & yearly basis for few locations.**

SPCBs are conducting monitoring as per Guidelines for Water Quality Monitoring (GWQM, 2017). State-wise number of manual water quality monitoring stations is as below:

Table 15 State-wise distribution of Water Quality Monitoring Stations

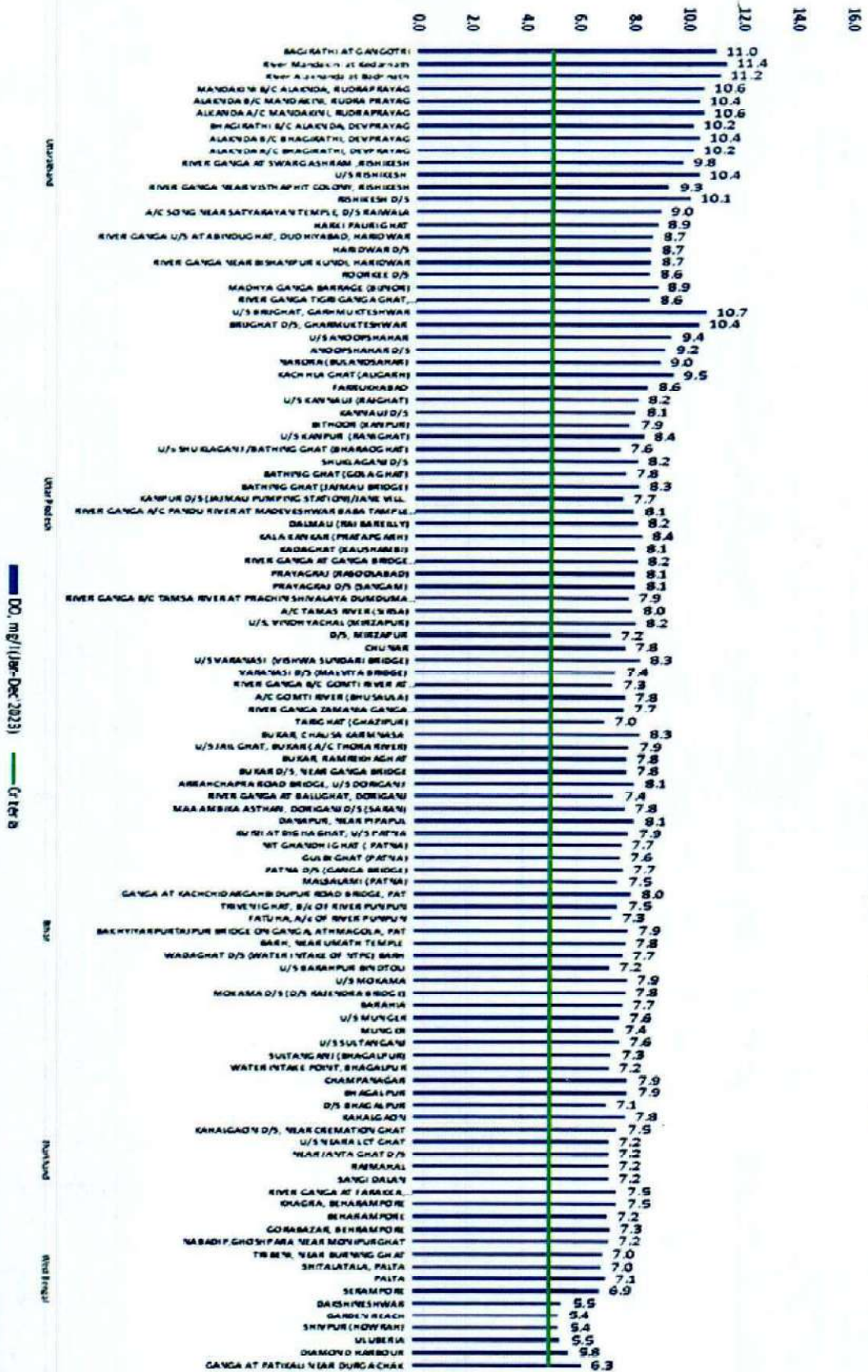
S. No	State	Total No. of Stations
1	Uttarakhand	19
2	Uttar Pradesh	41
3	Bihar	33
4	Jharkhand	4
5	West Bengal	15
Total		112

River water quality is assessed for primary water quality criteria notified for outdoor bathing criteria in terms of pH (6.5-8.5), Dissolved Oxygen (DO) (≥ 5 mg/L), Bio-chemical Oxygen Demand (BOD) (≤ 3 mg/L), Faecal Coliform (FC) (≤ 2500 MPN/100ml) and Faecal Streptococci (FS) (≤ 500 MPN/100ml). Sampling data was analysed using statistical tool median which is simply a measure of central tendency.

5.1.1 River Ganga Water Quality in 2023

The analysis of data for the year 2023 indicates that the river water is meeting the Primary Water Quality Criteria (PWQC).

- *w.r.t. pH (Median)* at all the locations
- *w.r.t. DO (Median)* at all the locations
- *w.r.t. BOD (Median)*: entire stretch of Uttarakhand; in Uttar Pradesh from Madhya Ganga barrage (Bijnor) to Kacchlaghat (Aligarh), river Ganga a/c of river Pandu at Madeveshwar baba temple, Kalakankar (Pratapgarh) to Kadaghat (Kaushambi), Prayagraj (Rasoolabad) to U/s Vindhyachal (Mirzapur) and U/s Varanasi (Vishwa Sundari Bridge); entire stretch of Bihar; entire stretch of Jharkhand and entire stretch of West Bengal.
- *w.r.t. FC (Median)*: entire stretch of Uttarakhand; entire stretch of Uttar Pradesh except two stretches namely (i) Nanamau Bridge to Purana Rajapur Kanpur (except Bithoor, Kanpur), (ii) D/s Mirzapur to Tarighat, Ghazipur (except U/s Varanasi, Vishwa Sundari Bridge location); Arrah Chhapra Bridge, U/s Doriganj in Bihar; entire stretch of Jharkhand and Farakka, Murshidabad, Khagra, Behrampore, Nabadip, Ghoshpara near Monipurghat & Tribeni near Burning ghat in west Bengal.
- *w.r.t. FS (Median)*: entire stretch of Uttarakhand; in Uttar Pradesh from Madhya Ganga barrage (Bijnor) to U/s Vindhyachal (Mirzapur) & U/s Varanasi (Vishwa Sundari Bridge); entire stretch of Bihar and in West Bengal stretch from river Ganga at Farrakha, Murshidabad to Tribeni near Burning ghat and from Dakshineswar to Patikali Near Durga Chak.



River Ganga water quality 2023 (Jan-Dec) Dissolved Oxygen mg/L (Median)

Figure 23 Water quality of River Ganga w.r.t. Dissolved Oxygen (DO) during 2023 (Total locations- 107; Complying- All locations)

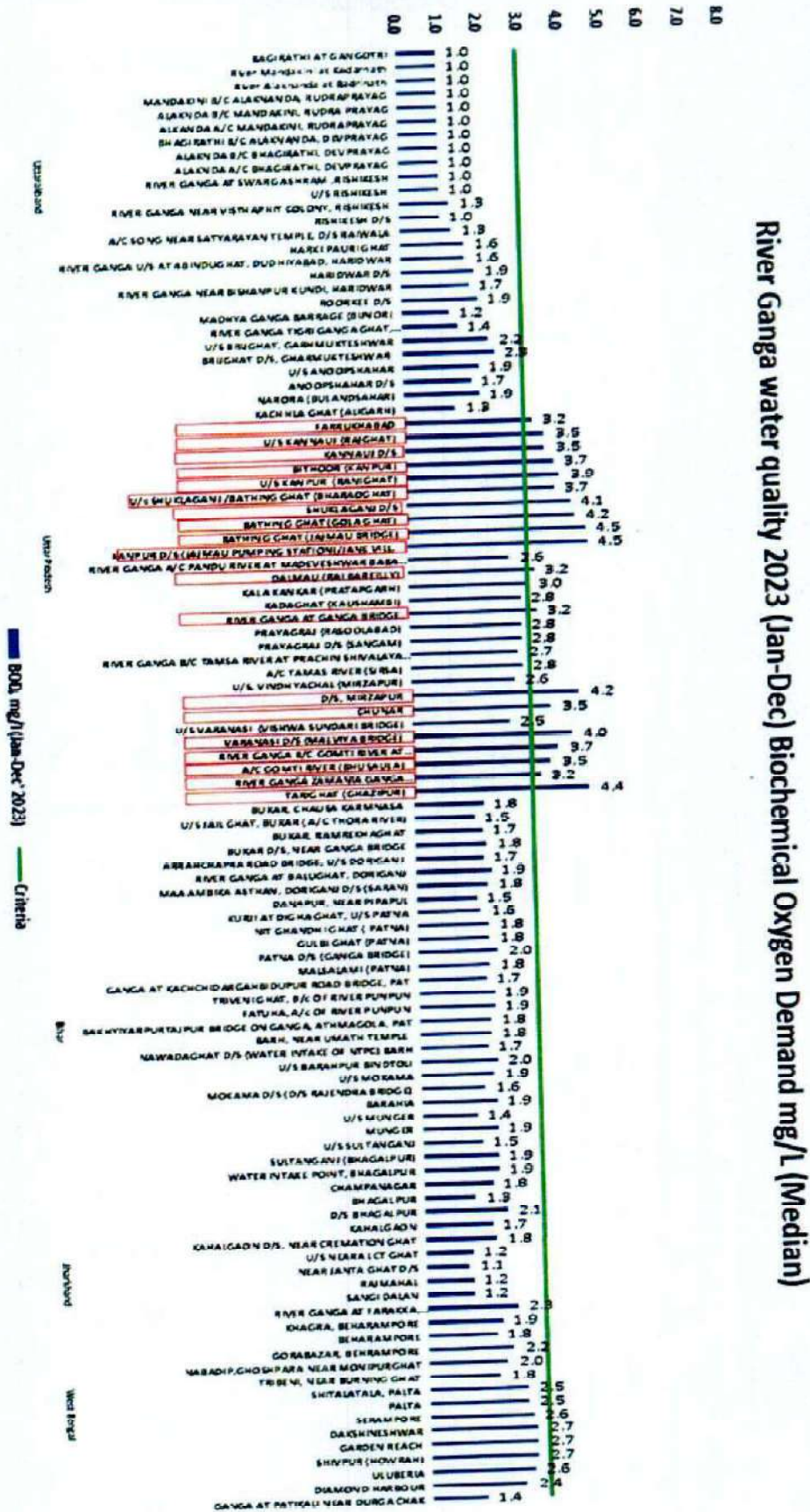


Figure 24 Water quality of River Ganga w.r.t. Biochemical Oxygen Demand (BOD) during 2023 (Total locations- 107; Complying- 88 locations Non-complying- 19 locations)

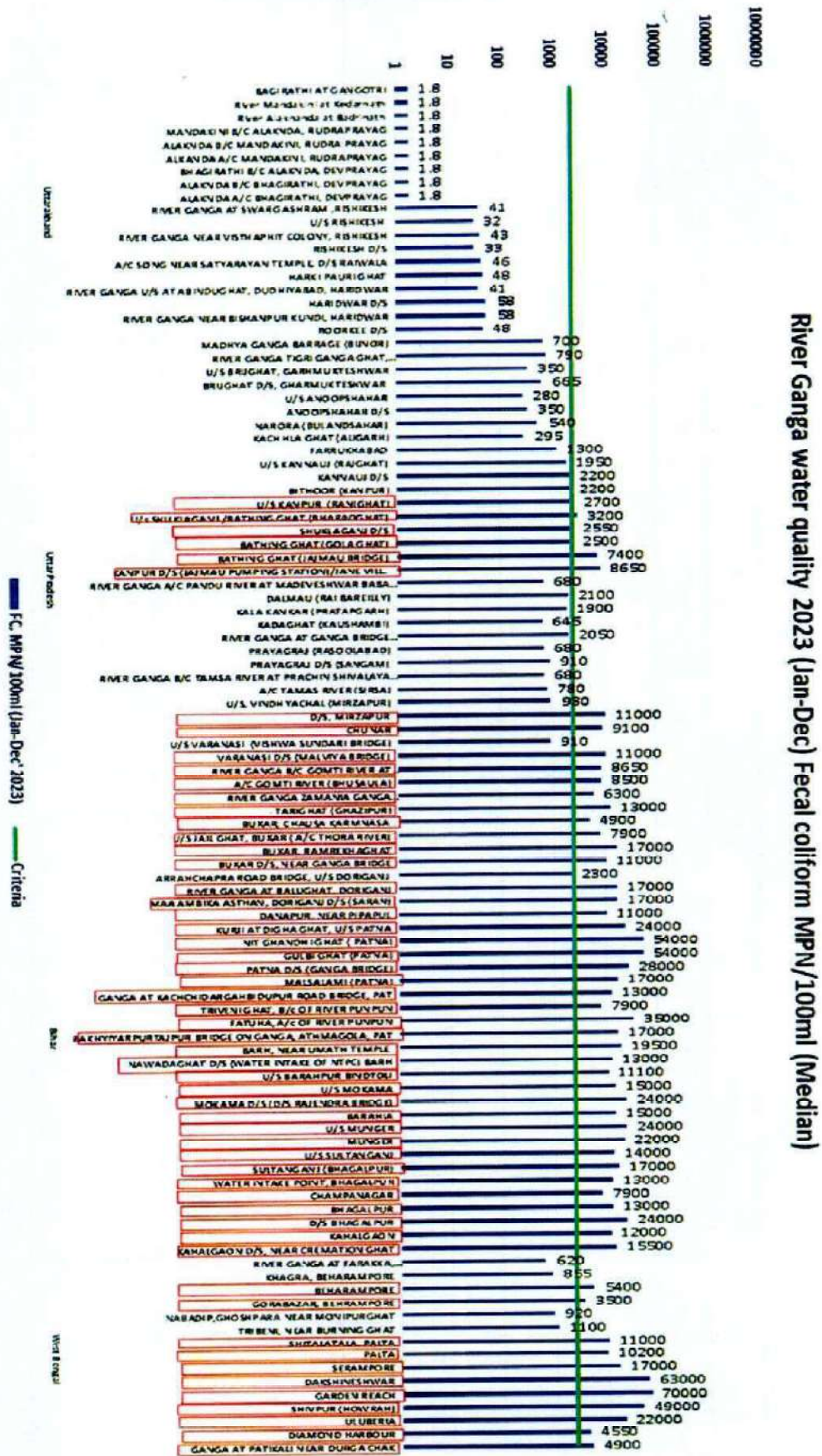


Figure 25 Water quality of River Ganga w.r.t. Faecal Coliform (FC) during 2023 (Total locations- 103; Complying- 48 locations; Non-complying- 55 locations)

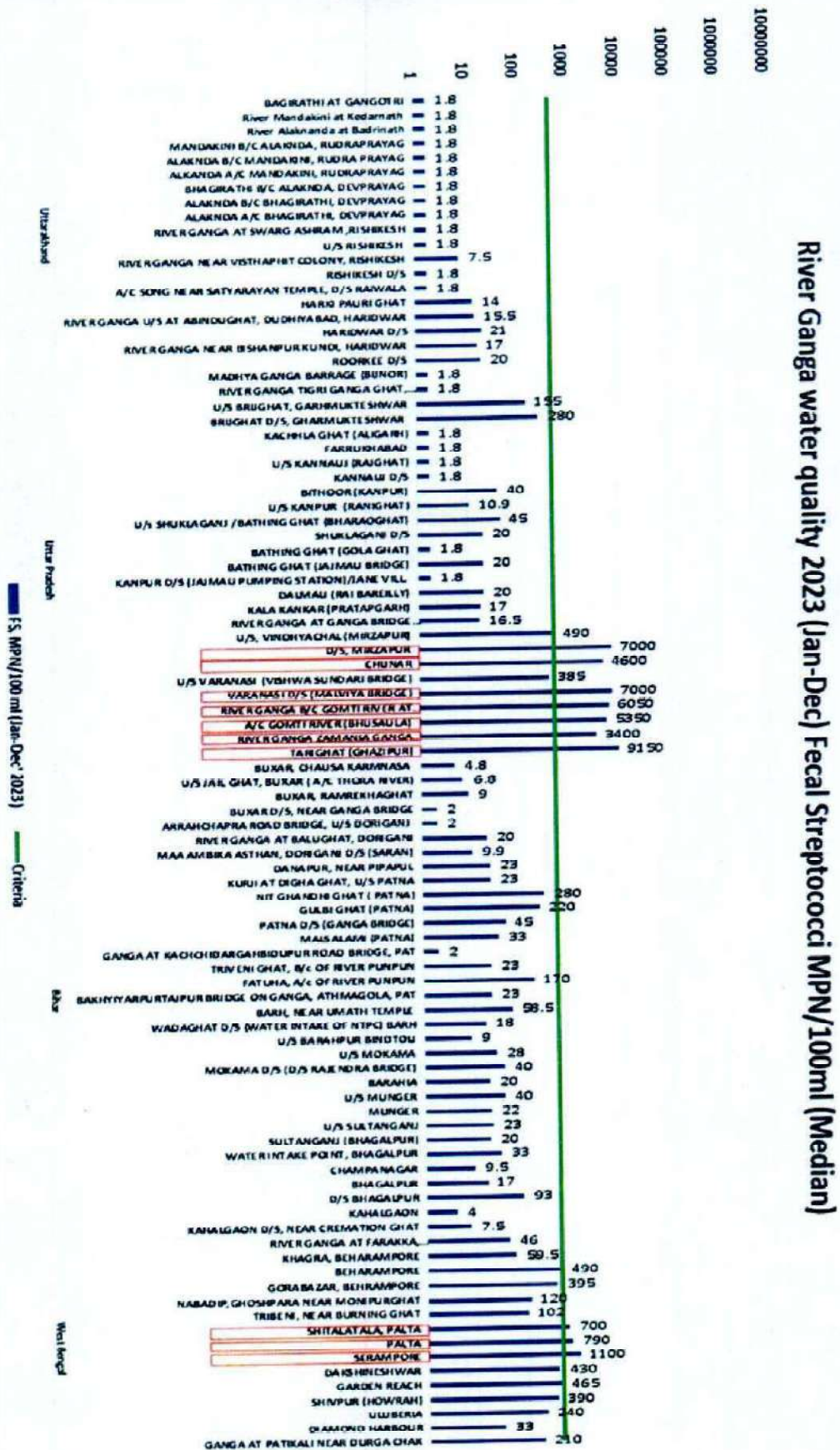
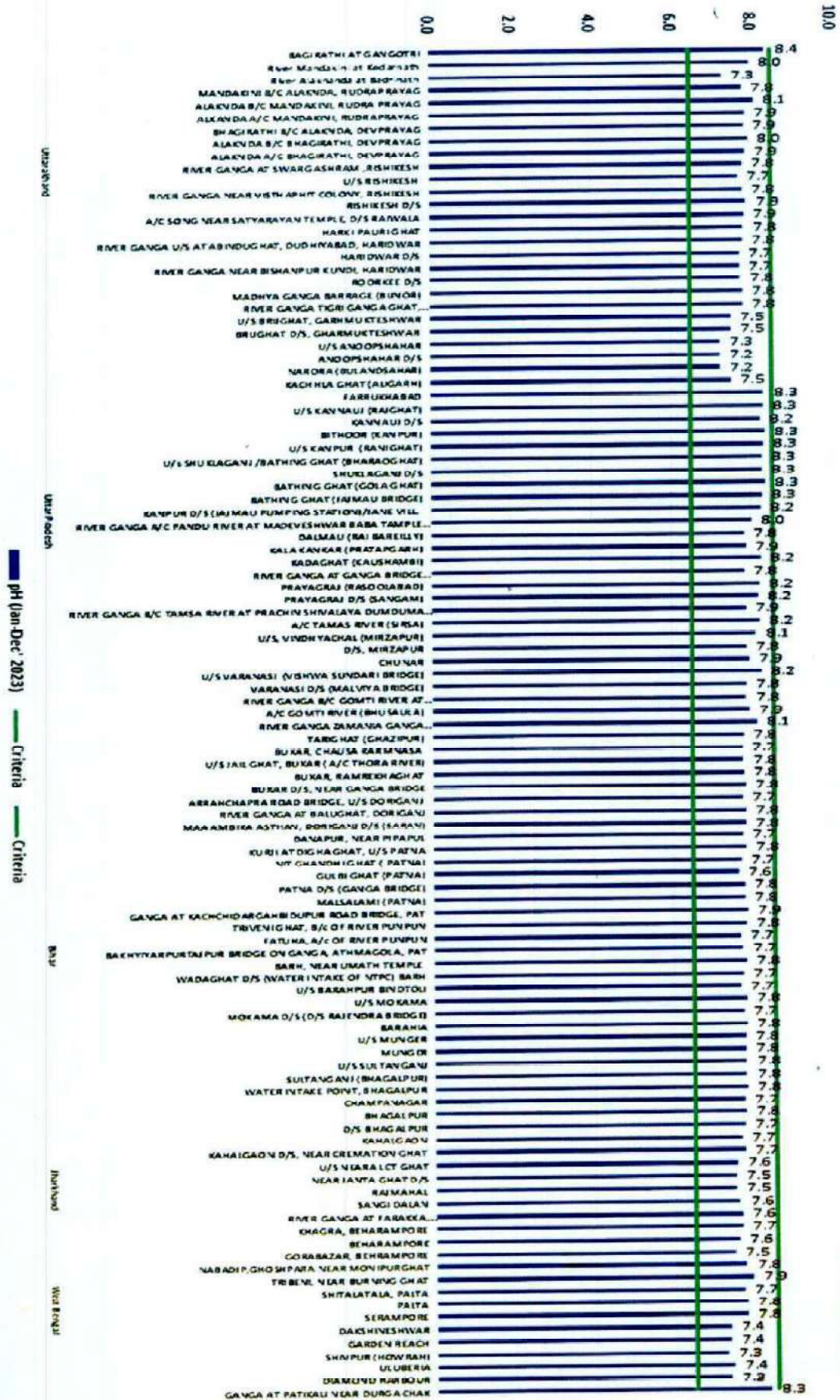


Figure 26 Water quality of River Ganga w.r.t. Faecal Streptococci (FS) during 2023 (Total locations- 94; Complying- 84 locations; Non-complying- 10 locations)



River Ganga water quality 2023 (Jan-Dec) pH (Median)

Figure 27 Water quality of River Ganga w.r.t. pH during 2023 (Total locations- 107; Complying- All location)

5.2 Status of water quality of River Ganga during 2014 vs 2023

For assessment of river water quality during 2014 vs 2023 (Jan-Dec), median values which is simply a measure of central tendency of parameters such as pH, Dissolved Oxygen (DO) and Biochemical Oxygen Demand (BOD) of year 2014 and 2023 are compared and following observations have been made:

- pH (Median) has been observed to be meeting water quality criteria for bathing at all the compared locations during 2014 & 2023 (53 locations compared)
- DO (Median) has been observed to be meeting water quality criteria for bathing at all the compared locations during 2014 & 2023 (53 locations compared)
- BOD (Median) has been improved at 44 locations (53 locations compared)

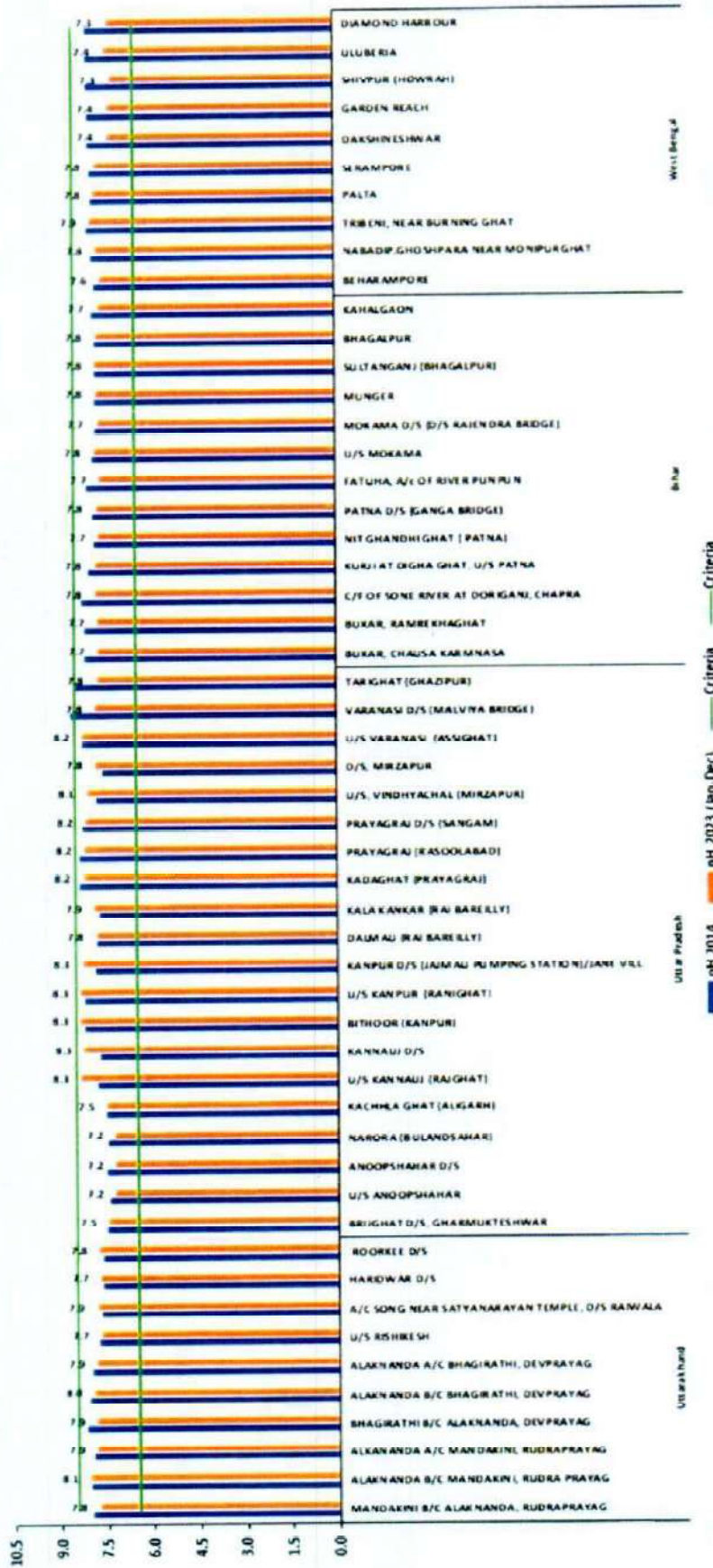
A. Dissolved Oxygen (Improvement observed in 2023 as compared to 2014)

- Mandakini B/c Alaknanda, Rudraprayag to Roorkee D/s in Uttarakhand
- Brijghat D/s, Garhmukteshwar to Kalakankar (Pratapgarh) in Uttar Pradesh
- NIT Gandhighat to Patna D/s; Mokama D/s and Bhagalpur to Kahalgaon in Bihar
- Behrampore to Serampore in West Bengal

B. Bio-chemical Oxygen Demand (Improvement observed in 2023 as compared to 2014)

- Alaknanda A/c Mandakini, Rudraprayag; stretch from Alaknanda B/c Bhagirathi, Devprayag to Roorkee D/s in Uttarakhand
- stretch from Brijghat D/s, Gharmukteshwar to Kacchlaghat (Aligarh); Kannauj D/s; Kanpur D/s to (Jajmau Pumping Station) to Prayagraj D/s (Sangam); U/s Varanasi (U/s Vishwa Sundari Bridge) to Varanasi D/s (Malviya Bridge) in Uttar Pradesh
- entire stretch of Bihar from Buxar, Chausa Karmnasa to Kahalgaon
- entire stretch of West Bengal from Behrampore to Diamond Harbour

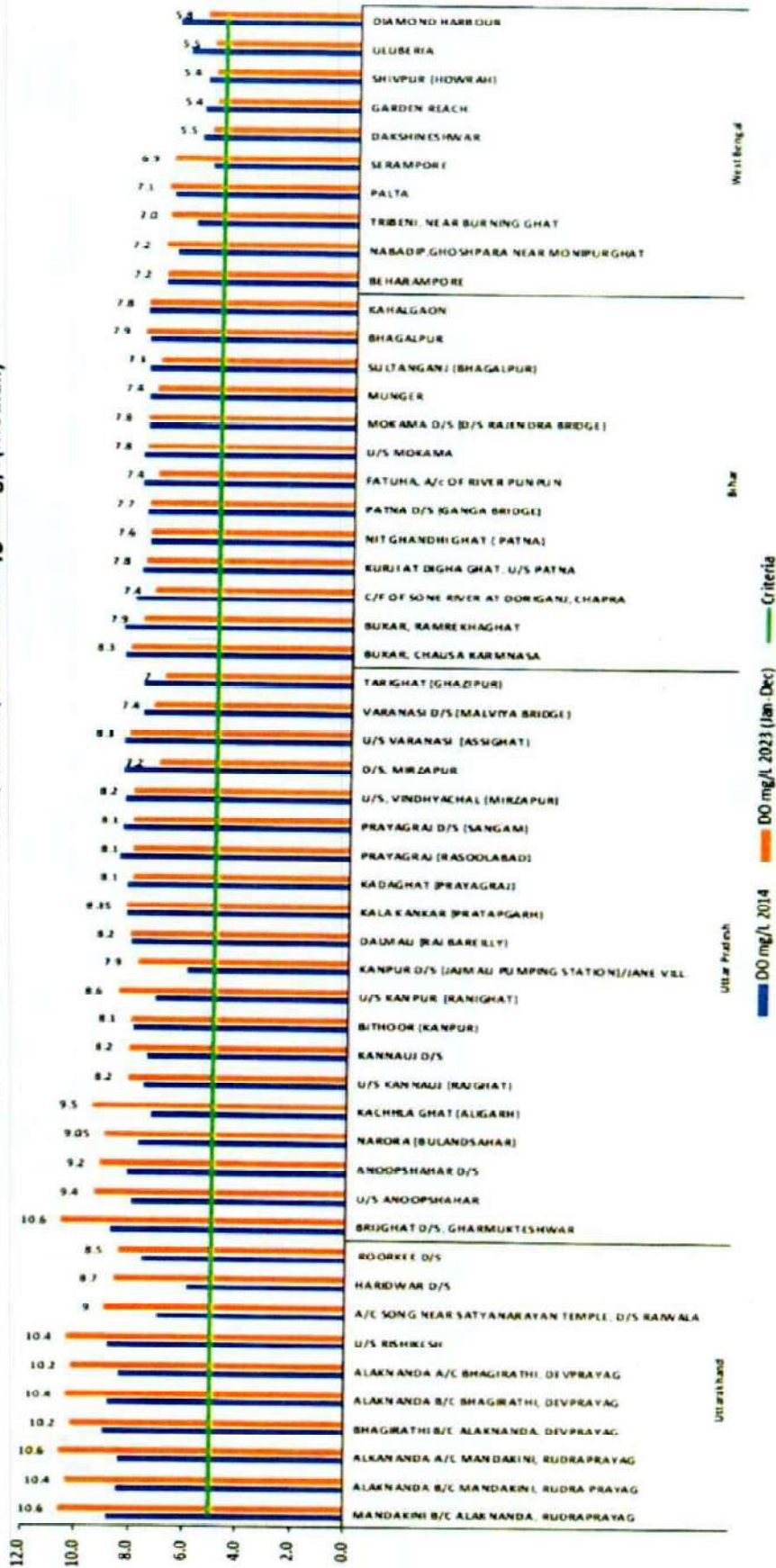
River Ganga water quality 2014 vs 2023 (Jan-Dec) pH (Median)



Total locations - 53
Complying - 53 location

Figure 28 River Ganga water quality 2014 vs 2023 (Jan-Dec) w.r.t pH (mg/l)

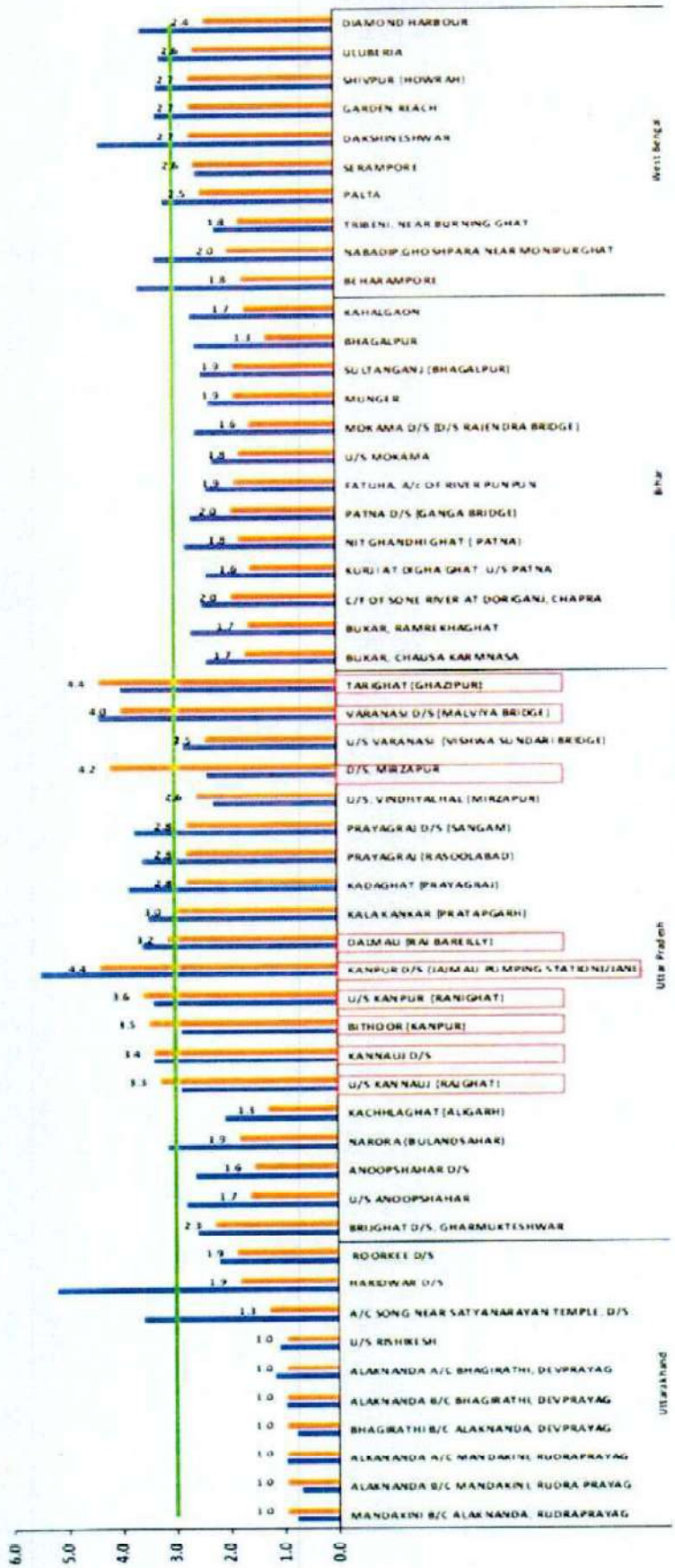
River Ganga water quality 2014 vs 2023 (Jan-Dec) Dissolved Oxygen mg/l (Median)



Total locations- 53
 Complying-53 locations
 Improvements- 32 locations

Figure 29 River Ganga water quality 2014 vs 2023 (Jan-Dec) w.r.t Dissolved Oxygen (DO) (mg/l)

River Ganga water quality 2014 vs 2023 (Jan-Dec) Biochemical Oxygen Demand mg/L (Median)



Total locations- 53
Complying-44 locations
Improvements- 44 locations

Figure 30 River Ganga water quality 2014 vs 2023 (Jan-Dec) w.r.t Biochemical Oxygen Demand (BOD) (mg/l)

Annexure-I

Status report of SLWM on Polluted River Stretch GPs for the month of November, 2024 (O.A. 673/2018)

Sl. No.	Name of the Districts	Total No. of Blocks	Total No. of GPs	Solid Waste Management		Grey Water Management	
				Construction of MRF completed	MRF functional	No. of Soak pit/ Leach pit	No. of Filter Chamber
1	Alipurduar	3	9	9	4	1614	0
2	Bankura	2	10	10	8	776	9
3	Birbhum	7	25	25	11	1819	125
4	Hooghly	1	2	2	2	7	18
5	Howrah	9	49	49	27	2855	1376
6	Jalpaiguri	4	21	21	14	964	0
7	Paschim Medinipur	11	28	28	15	3672	7
8	Mursidabad	2	2	2	2	145	7
9	Nadia	12	48	48	38	6793	553
10	North 24 PGS	2	7	7	4	1143	0
11	Siliguri Mahakuma Parishad	2	7	7	5	1163	9
12	South 24 PGS	5	13	13	5	861	3
Total		60	221	212	136	21812	2107

Status of per day Collection & Transportation of Fresh Waste of 128 ULBs of West Bengal upto November,2024

Sl No	District	ULB	No. of ward	Population (Census 2011)	Per day Generation of fresh waste (TPD)	Door to door collection of fresh waste in no. of wards		Collection of segregated fresh waste in no. of wards		Quantity of fresh waste being collected & transported per day (TPD)				Tentative timeline for ensuring 100% segregation
						Full	Partial	Full	Partial	Wet Waste	Dry Waste	Mixed Waste	Total	
1	Bankura	Bankura	24	1,37,386	61	20	4	15	9	13	5	43	61	March '25
2	Bankura	Bishnupur	19	67,783	26	8	11	4	15	5	2	19	26	March '25
3	Bankura	Sonamukhi	15	34,228	13	15	0	6	9	5	3	5	13	March '25
4	Paschim Burdwan	Asansol MC	106	11,56,387	700	62	44	23	83	210	140	350	700	March '25
5	Purba Burdwan	Bardhaman	35	3,14,638	168	35	0	23	12	72.1	75.5	20.4	168	January '25
6	Purba Burdwan	Dainhat	14	24,397	10.55	14	0	13	1	6.17	4.18	0.2	10.55	January '25
7	Paschim Burdwan	Durgapur MC	43	5,66,517	304	43	0	20	23	127	85	92	304	March '25
8	Purba Burdwan	Gushkara	16	35,374	12	16	0	12	4	4	3	5	12	November '24
9	Purba Burdwan	Kalna	18	56,722	23	18	0	18	0	10.47	9.28	3.25	23	July '25
10	Purba Burdwan	Karwa	20	81,615	47.09	20	0	16	4	20	11	16.09	47.09	November '24
11	Purba Burdwan	Memari	16	41,455	16	16	0	11	5	8	3	5	16	November '24
12	Birbhum	Bolpur	22	80,210	54.98	22	0	8	14	20.4	13.6	20.98	54.98	March '25
13	Birbhum	Dubrajpur	16	38,041	15.54	16	0	16	0	9	5.54	1	15.54	March '25
14	Birbhum	Nalhati	16	41,244	15	14	2	14	2	6	3	6	15	March '25
15	Birbhum	Rampurhat	18	57,833	28	18	0	12	6	11	4	13	28	December '24
16	Birbhum	Sainthia	16	44,608	19	16	0	0	16	6.3	4.91	7.79	19	February '25
17	Birbhum	Suri	21	90,314	37	21	0	0	21	9	5	23	37	December '24
18	Cooch Behar	Cooch Behar	20	77,935	28	20	0	2	18	5	2	21	28	March '25
19	Cooch Behar	Dinhat	16	36,124	15.52	16	0	16	0	9.31	5.21	1	15.52	December '24
20	Cooch Behar	Halidihari	11	14,404	5.2	11	0	11	0	3	1.8	0.4	5.2	December '24
21	Cooch Behar	Mathabhanga	12	23,895	14.27	8	4	8	4	6.92	5.21	2.14	14.27	January '25
22	Cooch Behar	Mekhliganj	9	9,123	4.7	9	0	9	0	1.5	1	2.2	4.7	January '25
23	Cooch Behar	Tufanganj	12	20,998	8	12	0	12	0	5	2	1	8	January '25
24	Dakshin Dinajpur	Balurghat	25	1,51,299	75	25	0	25	0	38	23	14	75	January '25
25	Dakshin Dinajpur	Buniadpur	14	30183	12	14	0	10	4	6	3	3	12	January '25
26	Dakshin Dinajpur	Gangarainpore	18	56,217	28	13	5	13	5	10	3	15	28	January '25
27	Darjeeling	Darjeeling	32	1,20,414	35	32	0	32	0	26	6	3	35	January '25
28	Kalimpong	Kalimpong	23	49,403	19	16	7	10	4	9	3	7	19	March '25
29	Darjeeling	Kurseong	20	42,346	11	20	0	10	10	4	2	5	11	January '25

Sl No	District	ULB	No. of ward	Population (Census 2011)	Per day Generation of fresh waste (TPD)	Door to door collection of fresh waste in no. of wards		Collection of fresh waste in no. of wards		Quantity of fresh waste being collected & transported per day (TPD)				Tentative timeline for ensuring 100% segregation
						Full	Partial	Full	Partial	Wet Waste	Dry Waste	Mixed Waste	Total	
62	Nadia	Cooper's Camp	12	18,839	8.04	12	0	8	4	3.42	2.81	1.81	8.04	December '24
63	Nadia	Gayeshpur	18	58,998	20	18	0	4	14	10	4	6	20	March '25
64	Nadia	Haringhata	17	45,953	20	0	0	0	0	0	0	0	0	July '25
65	Nadia	Kalyani	21	1,00,620	60	21	0	3	18	14	2	44	60	March '25
66	Nadia	Krishnanagar	25	1,53,062	120	25	0	21	4	71.26	38	10.74	120	February '25
67	Nadia	Nabadvip	24	1,25,528	60	24	0	24	0	31	20	9	60	December '24
68	Nadia	Ranaghat	20	75,365	25	20	0	12	8	13	6	6	25	February '25
69	Nadia	Santipur	24	1,51,777	83	24	0	16	8	41	27	15	83	March '25
70	Nadia	Taherpur	13	20,894	5	13	0	11	2	2.7	2	0.3	5	December '24
71	North 24 Parganas	Ashokenagar-Kalyanagarh	23	1,21,592	48	23	0	23	0	30	14	4	48	December '24
72	North 24 Parganas	Baduria	17	52,500	5.97	6	0	6	0	0.42	0.15	5.4	5.97	July '25
73	North 24 Parganas	Baranagar	34	2,45,213	167	34	0	11	23	62	18	87	167	March '25
74	North 24 Parganas	Barasat	35	2,78,435	203	35	0	30	5	98	75	30	203	January '25
75	North 24 Parganas	Barackpore	24	1,52,783	50	24	0	22	2	33	15.5	1.5	50	February '25
76	North 24 Parganas	Basirhat	23	1,25,058	56	23	0	23	0	40	9	7	56	February '25
77	North 24 Parganas	Bhalpara	35	3,85,867	205	35	0	35	0	108.21	72.73	24.06	205	February '25
78	North 24 Parganas	Bidhan Nagar MC	41	6,34,107	350	41	0	0	41	132	130	88	350	March '25
79	North 24 Parganas	Bongaon	22	1,08,864	62	18	4	16	6	30	14	18	62	January '25
80	North 24 Parganas	Dum Dum	22	1,14,786	62.1	22	0	8	16	28	9.1	25	62	January '25
81	North 24 Parganas	Garulia	21	85,336	35.77	21	0	8	13	9	5	21.77	35.77	March '25
82	North 24 Parganas	Gobardanga	17	45,392	18.64	17	0	17	0	16.52	2.12	0	18.64	Achieved
83	North 24 Parganas	Habra	24	1,47,221	70	24	0	20	4	47	13	10	70	February '25
84	North 24 Parganas	Halisahar	23	1,24,851	52	16	7	16	7	19.4	13.6	19	52	February '25
85	North 24 Parganas	Kamrathi	35	331163	160	35	0	28	7	54.46	64.64	40.9	160	January '25

Sl No	District	ULB	No. of ward	Population (Census 2011)	Per day Generation of fresh waste (TPD)	Door to door collection of fresh waste in no. of wards		Collection of fresh waste in no. of wards		Quantity of fresh waste being collected & transported per day (TPD)				Tentative timeline for ensuring 100% segregation
						Full	Partial	Full	Partial	Wet Waste	Dry Waste	Mixed Waste	Total	
86	North 24 Parganas	Kanchrapara	24	1,29,576	53.84	19	0	19	0	23.1	14.84	15.9	53.84	February '25
87	North 24 Parganas	Khardah	22	1,08,496	46.43	22	0	20	2	14.23	22.54	9.66	46.43	February '25
88	North 24 Parganas	Madhyamgram	28	1,96,127	90	28	0	28	0	49.9	34.67	5.43	90	November '24
89	North 24 Parganas	Nahati	31	2,18,194	107	31	0	20	11	26.7	14.8	65.5	107	January '25
90	North 24 Parganas	New Barrackpore	20	76,879	27.5	20	0	20	0	12.5	6.51	8.5	27.51	December '24
91	North 24 Parganas	North Barrackpore	23	1,32,806	73	23	0	12	11	32	15	26	73	January '25
92	North 24 Parganas	North Dum Dum	34	2,49,142	32	34	0	34	0	22	10	0	32	Achieved
93	North 24 Parganas	Panhati	35	3,77,351	176	35	0	0	0	0	0	176	176	July '25
94	North 24 Parganas	South Dum Dum	35	4,03,316	359	35	0	26	9	169	35	155	359	February '25
95	North 24 Parganas	Taki	16	38,263	14	16	0	10	6	6.4	3	4.6	14	February '25
96	North 24 Parganas	Titagarh	23	1,16,541	47.7	23	0	16	7	22	14	11.7	47.7	January '25
97	Paschim Midnapore	Chandrakona	12	23,629	8.42	12	0	8	4	3.5	2.4	2.52	8.42	February '25
98	Paschim Midnapore	Ghatal	17	54,591	26.7	13	4	4	13	7.92	6.48	3.6	18	March '25
99	Paschim Midnapore	Jhargram	18	61,682	28.5	16	2	4	14	20	3	5.5	28.5	February '25
100	Paschim Midnapore	Kharagpur	35	2,07,604	82	27	8	1	26	28	21	33	82	March '25
101	Paschim Midnapore	Kharar	10	12,220	5.4	10	0	8	2	1.9	0.75	2.75	5.4	February '25
102	Paschim Midnapore	Khirpai	10	16,385	6.76	10	0	3	7	4.19	1.25	1.32	6.76	February '25
103	Paschim Midnapore	Midnapore	25	1,69,127	92	25	0	13	12	45.8	29.2	17	92	March '25
104	Paschim Midnapore	Ranujbanpur	11	19,611	7	11	0	4	7	3	2	2	7	March '25
105	Purba Midnapore	Contai	21	92,226	60	15	6	16	5	15	6	4	25	March '25
106	Purba Midnapore	Egra	14	30,148	14.6	12	2	12	2	7.8	2.5	4.3	14.6	January '25

Sl No	District	ULB	No. of ward	Population (Census 2011)	Per day Generation of fresh waste (TPD)	Door to door collection of fresh waste in no. of wards		Collection of segregated fresh waste in no. of wards		Quantity of fresh waste being collected & transported per day (TPD)				Tentative timeline for ensuring 100% segregation
						Full	Partial	Full	Partial	Wet Waste	Dry Waste	Mixed Waste	Total	
107	Purba Midnapore	Haldia	29	2,00,827	80	29	0	3	26	15	5	60	80	January '25
108	Purba Midnapore	Panskura	18	57,932	18	18	0	18	0	10	8	0	18	Achieved
109	Purba Midnapore	Tamluk	20	65,312	24.6	20	0	17	3	13.75	8.25	2.6	24.6	July 25
110	Jhalda	Jhalda	12	19,540	6.48	12	0	12	0	2.1	1.54	2.84	6.48	February '25
111	Purulia	Purulia	23	1,21,067	20	9	14	0	23	3	2	7	12	March '25
112	Purulia	Raghunathpur	13	25,621	11	13	0	8	5	2.2	4.18	4.62	11	February '25
113	South 24 parganas	Baruipur	17	53,128	24.5	17	0	6	11	13.5	3.5	7.5	24.5	January '25
114	South 24 parganas	Budge Budge	20	76,858	30	20	0	18	2	17	9.5	3.5	30	July '25
115	South 24 parganas	Diamond Harbour	16	43,169	19.53	16	0	9	7	5	3	11.53	19.53	February '25
116	South 24 parganas	Jainagar-Mazilpur	14	25,922	9	14	0	14	0	5	2	2	9	February '25
117	South 24 parganas	Maheshala	35	4,49,423	210	35	0	10	25	90	50	70	210	March '25
118	South 24 parganas	Pujali	16	37,040	12.63	2	0	2	0	0.358	0.0551	0	0.4131	July '25
119	South 24 parganas	Rajpur-Sonarpur	35	4,23,724	348.52	35	0	28	7	168.5	158.02	22	348.52	March '25
120	Utar Dinajpur	Dalkhola	16	37,063	17.29	13	3	9	7	8.09	5.2	4	17.29	January '25
121	Utar Dinajpur	Islampur	17	54,340	21.73	13	4	13	4	7.728	5.152	8.85	21.73	January '25
122	Utar Dinajpur	Kaliaganj	17	53,530	39	17	0	15	2	21	14.4	3.6	39	January '25
123	Utar Dinajpur	Kaiganj	27	1,83,612	95	19	8	0	9	16	12	67	95	March '25
124	Howrah	Howrah MC	50	10,70,645	710	45	5	11	0	110	70	530	710	March '25
125	Howrah	Bally	35	2,91,916	139.93	35	0	0	0	0	0	139.93	139.93	July '25
126	Jalpaiguri	Maynaguri	17	36,263	12.7	0	17	0	17	1.5	0.6	0.3	2.4	March '25
127	Alipurdur	Falatakata	18	54,039	22	0	0	0	0	0	0	0	0	July '25
128	Kolkata	Kolkata MC	144	4594718	4500	144	NA	27	117	2300	450	1750	4500	December '25
Total =			2997	21532295	13216.07	2708	203	1722	1047	5633.56	2454.42	4976.72	13064.60	

Status and action plan for ensuring 100% processing of fresh waste for 128 ULBs of West Bengal upto November-2024

Sl. No. of District	ULB Name	No. of wards (2011)	Population (2011)	(B) Waste Generation (TPD)	Waste being processed per day (TPD)	Capex processed (TPD)	Type of set up	Type of dry waste processing Unit	(C) Method of treatment in TPD				(D) Final destination each of the composted (F)				(E) Break up details of waste processing				Timeline for starting of processing of remaining waste	Budget (Rs. Cr)	Project
									Organic material	Inert	RF based Compost Plants	Others	RF based Compost Plants	Others	RF based Compost Plants	Others	RF based Compost Plants	Others					
1	Bardhaman	24	1,37,286	61	4	57	Withdraw Composting	Material Recovery Facility (MRF)	33.55	4.1	3.66	17.99	Local Farmers/ Horticulture/ Agriculture	SF / Road Making / Low land filling	RF based Compost Plants / Making of different road items (power block/ tiles etc)	Recycling Plants	33.55	3.66	6.1	17.99	Dec-2025	6.68	UPR (Drawing, Design & Estimate) for Fresh Waste Processing Plant is under preparation & simultaneous preparation of tender document for engagement of agency is under process.
2	Bardhaman	19	62,793	26	0	26	Withdraw Composting	MRF	14.3	2.6	1.56	7.34	Local Farmers/ Horticulture/ Agriculture	SF / Road Making / Low land filling	RF based Compost Plants / Making of different road items (power block/ tiles etc)	Recycling Plants	14.3	1.56	2.6	7.34	Sept-2025	2.45	UPR (Drawing, Design & Estimate) for Fresh Waste Processing Plant is under preparation & simultaneous preparation of tender document for engagement of agency for setting up of fresh waste processing plant.
3	Bardhaman	15	29,035	13	0	13	Withdraw Composting	MRF	7.15	1.3	0.78	3.77	Local Farmers/ Horticulture/ Agriculture	SF / Road Making / Low land filling	RF based Compost Plants / Making of different road items (power block/ tiles etc)	Recycling Plants	7.15	0.78	1.3	3.77	March-2025	1.42	Construction of infrastructure Work for setting up of fresh waste processing unit is under process.
4	Bardhaman	105	11,58,387	700	0	700	Withdraw Composting	MRF	385	70	42	203	Local Farmers/ Horticulture/ Agriculture	SF / Road Making / Low land filling	RF based Compost Plants / Making of different road items (power block/ tiles etc)	Recycling Plants	385	42	70	203	Dec-2025	76.05	Work order issued to an agency for setting up of fresh waste processing unit at the ULB. After restoration of land from site of fresh waste processing unit will be started.
5	Bardhaman	31	3,14,638	168	0	168	Withdraw Composting	MRF	92.4	16.8	10.08	48.72	Local Farmers/ Horticulture/ Agriculture	SF / Road Making / Low land filling	RF based Compost Plants / Making of different road items (power block/ tiles etc)	Recycling Plants	92.4	10.08	16.8	48.72	Dec-2025	18.40	After rehabilitation of land through layout work processing, tender to be floated for engagement of agency for setting up of fresh waste processing plant. Preparation of tender document under process.
6	Bardhaman	14	21,397	10.55	0	10.55	Withdraw Composting	MRF	5.8025	1.055	0.633	3.0595	Local Farmers/ Horticulture/ Agriculture	SF / Road Making / Low land filling	RF based Compost Plants / Making of different road items (power block/ tiles etc)	Recycling Plants	5.8025	0.633	1.055	3.0595	Dec-2025	1.16	State Government identified the land for setting up of fresh waste processing unit. Tender is invited for setting up of fresh waste processing unit at the ULB within March-2025. After that the tender will be floated for engagement of agency for setting up of fresh waste processing plant.
7	Bardhaman	43	5,66,517	304	25	279	Withdraw Composting	MRF	167.2	30.4	18.24	88.16	Local Farmers/ Horticulture/ Agriculture	SF / Road Making / Low land filling	RF based Compost Plants / Making of different road items (power block/ tiles etc)	Recycling Plants	167.2	18.24	30.4	88.16	Dec-2025	33.29	Work order issued to an agency for setting up of fresh waste processing unit at the ULB. Due to local objection the agency could not start infrastructure work for setting up of fresh waste processing unit at the notified land of the dumpsite. For this a feasible land is under identification.
8	Bardhaman	36	35,374	12	0	12	Withdraw Composting	MRF	6.6	1.2	0.72	3.48	Local Farmers/ Horticulture/ Agriculture	SF / Road Making / Low land filling	RF based Compost Plants / Making of different road items (power block/ tiles etc)	Recycling Plants	6.6	0.72	1.2	3.48	Sept-2025	1.31	UPR (Drawing, Design & Estimate) for Fresh Waste Processing Plant prepared. Tender floated for engagement of agency for setting up of fresh waste processing plant.
9	Bardhaman	18	56,222	23	6	17	Withdraw Composting	MRF	12.6	2.3	1.38	6.67	Local Farmers/ Horticulture/ Agriculture	SF / Road Making / Low land filling	RF based Compost Plants / Making of different road items (power block/ tiles etc)	Recycling Plants	12.6	1.38	2.3	6.67	Sept-2025	2.52	UPR (Drawing, Design & Estimate) for Fresh Waste Processing Plant prepared. Tender floated for engagement of agency for setting up of fresh waste processing plant. But after rehabilitation of land from agency waste the infrastructure work for setting up of fresh waste processing unit will be started.
10	Bardhaman	20	81,613	47.09	0	47.09	Withdraw Composting	MRF	25.8995	4.709	2.8264	13.8861	Local Farmers/ Horticulture/ Agriculture	SF / Road Making / Low land filling	RF based Compost Plants / Making of different road items (power block/ tiles etc)	Recycling Plants	25.8995	2.8264	4.709	13.8861	Dec-2025	5.16	State Government identified the land for setting up of fresh waste processing unit. Expected that the land will be under possession of the ULB within March-2025. After that the tender will be floated for engagement of agency for setting up of fresh waste processing plant.
11	Bardhaman	16	41,485	16	5	11	Withdraw Composting	MRF	8.8	1.6	0.96	4.84	Local Farmers/ Horticulture/ Agriculture	SF / Road Making / Low land filling	RF based Compost Plants / Making of different road items (power block/ tiles etc)	Recycling Plants	8.8	0.96	1.6	4.84	Sept-2025	1.75	Construction of infrastructure Work for setting up of fresh waste processing unit is under process.

Status and action plan for existing MRFs processing of fresh waste for 128 ULSs of West Bengal upto November-2024

Sl. No.	(A) Name of District	EUB	No. of ward	Population (Census 2011)	(B) Waste generated (TPD)	Waste processed per day (TPD)	Gap in waste processed (TPD)	Type of wet waste processing Unit	Type of dry waste processing Unit	(C) Method of treatment in TPD				(D) Final destination each of the component (a)				(E) Break up details of waste processing				(F) Action plan to process 100% of waste		
										Organic material (M/MS/MSW)	Inerts	RDF	Others	Landfill	RDF	Others	Recycling	Energy plants (Waste to energy)	Bio-Compost units	Used in Cement units	Land fill sites	Others uses of remaining waste	Time line for starting of processing of the remaining waste	Budget (Rs. in Cr)
11	Birbhum	Dudhnoi	22	86210	54.98	17	37.98	Wastewater Composting	MRF	30229	5498	32388	15944	Local Farmers/ Horticulture/ Agriculture	SEF / Road Making/ Low land filling	RDF based Cement Plants (separate block/ tiles)	Recycling Plants	30229	32388	5498	15944	Dec-2025	6.02	EPR (Drawing, Design & Estimate) for Fresh Waste Processing Plant proposed. Tender floated for engagement of agency for setting up of fresh waste processing plant.
12	Birbhum	Dudhnoi	16	36901	15.34	0	15.34	Wastewater Composting	MRF	8347	1534	03234	43066	Local Farmers/ Horticulture/ Agriculture	SEF / Road Making/ Low land filling	RDF based Cement Plants (separate block/ tiles)	Recycling Plants	8347	03234	1534	43066	July-2025	1.70	EPR (Drawing, Design & Estimate) for Fresh Waste Processing Plant proposed. Tender floated for engagement of agency for setting up of fresh waste processing plant.
13	Birbhum	Nalhati	16	41244	15	8	7	Wastewater Composting	MRF	8325	13	09	435	Local Farmers/ Horticulture/ Agriculture	SEF / Road Making/ Low land filling	RDF based Cement Plants (separate block/ tiles)	Recycling Plants	8325	09	15	435	Sept-2025	1.64	EPR (Drawing, Design & Estimate) for Fresh Waste Processing Plant proposed. Work order issued for the agency for setting up of fresh waste processing plant.
14	Birbhum	Nalhati	16	41244	15	8	7	Wastewater Composting	MRF	8325	13	09	435	Local Farmers/ Horticulture/ Agriculture	SEF / Road Making/ Low land filling	RDF based Cement Plants (separate block/ tiles)	Recycling Plants	8325	09	15	435	Sept-2025	1.64	EPR (Drawing, Design & Estimate) for Fresh Waste Processing Plant proposed. Work order issued for the agency for setting up of fresh waste processing plant.
15	Birbhum	Barpansha	18	57253	28	18	10	Wastewater Composting	MRF	154	28	148	812	Local Farmers/ Horticulture/ Agriculture	SEF / Road Making/ Low land filling	RDF based Cement Plants (separate block/ tiles)	Recycling Plants	154	148	28	812	Dec-2025	3.07	EPR (Drawing, Design & Estimate) for Fresh Waste Processing Plant & simultaneously preparation of tender document for engagement of agency is under process.
16	Birbhum	Santaha	16	44698	19	12	7	Wastewater Composting	MRF	1045	19	114	551	Local Farmers/ Horticulture/ Agriculture	SEF / Road Making/ Low land filling	RDF based Cement Plants (separate block/ tiles)	Recycling Plants	1045	114	19	551	March-2025	2.08	Work order issued to the agency for setting up of fresh waste processing unit. Infrastructure work is in progress.
17	Birbhum	Suri	21	90314	37	11	26	Wastewater Composting	MRF	2035	37	222	1073	Local Farmers/ Horticulture/ Agriculture	SEF / Road Making/ Low land filling	RDF based Cement Plants (separate block/ tiles)	Recycling Plants	2035	222	37	1073	Dec-2025	4.05	EPR (Drawing, Design & Estimate) for Fresh Waste Processing Plant is under preparation & simultaneously preparation of tender document for engagement of agency is under process.
18	Cooch Behar	Cooch Behar	20	77933	28	0	28	Wastewater Composting	MRF	154	23	148	812	Local Farmers/ Horticulture/ Agriculture	SEF / Road Making/ Low land filling	RDF based Cement Plants (separate block/ tiles)	Recycling Plants	154	148	23	812	Sept-2025	3.07	EPR (Drawing, Design & Estimate) for Fresh Waste Processing Plant is under preparation & simultaneously preparation of tender document for engagement of agency is under process.
19	Cooch Behar	Dinabha	16	36124	15.52	7	8.52	Wastewater Composting	MRF	8356	1502	03017	45008	Local Farmers/ Horticulture/ Agriculture	SEF / Road Making/ Low land filling	RDF based Cement Plants (separate block/ tiles)	Recycling Plants	8356	03012	1552	45008	March-2025	1.70	Civil construction for setting up of fresh waste processing unit has been completed. Procurement of machinery and other processes.
20	Cooch Behar	Haldibari	11	14404	5.2	2.5	2.7	Wastewater Composting	MRF	236	052	0312	1506	Local Farmers/ Horticulture/ Agriculture	SEF / Road Making/ Low land filling	RDF based Cement Plants (separate block/ tiles)	Recycling Plants	236	0312	052	1506	March-2025	0.57	Work order issued to an agency for setting up of fresh waste processing unit. Infrastructure work is in progress.
21	Cooch Behar	Mulchibari	12	22890	14.27	8	6.27	Wastewater Composting	MRF	74855	1427	03862	41383	Local Farmers/ Horticulture/ Agriculture	SEF / Road Making/ Low land filling	RDF based Cement Plants (separate block/ tiles)	Recycling Plants	74855	03862	1427	41383	Sept-2025	1.56	EPR (Drawing, Design & Estimate) for Fresh Waste Processing Plant prepared. Tender floated for engagement of agency for setting up of fresh waste processing plant.
22	Cooch Behar	Mohakhajuri	9	9123	4.7	4	0.7	Wastewater Composting	MRF	2385	047	0242	1263	Local Farmers/ Horticulture/ Agriculture	SEF / Road Making/ Low land filling	RDF based Cement Plants (separate block/ tiles)	Recycling Plants	2385	0242	047	1263	March-2025	0.51	Work order issued to an agency for setting up of fresh waste processing unit. Infrastructure work is in progress.
23	Cooch Behar	Talanganj	12	20798	8	6	2	Wastewater Composting	MRF	44	08	048	232	Local Farmers/ Horticulture/ Agriculture	SEF / Road Making/ Low land filling	RDF based Cement Plants (separate block/ tiles)	Recycling Plants	44	048	08	232	Sept-2025	0.08	Work order issued to an agency for setting up of fresh waste processing unit. Infrastructure work is in progress.
24	Dakshin Dinajpur	Balrampur	25	151299	75	25	50	Wastewater Composting	MRF	4125	75	45	2175	Local Farmers/ Horticulture/ Agriculture	SEF / Road Making/ Low land filling	RDF based Cement Plants (separate block/ tiles)	Recycling Plants	4125	45	75	2175	Sept-2025	8.21	Work order issued to an agency for setting up of fresh waste processing unit. Infrastructure work is in progress.
25	Dakshin Dinajpur	Bardhamur	14	34280	12	7	5	Wastewater Composting	MRF	66	12	072	348	Local Farmers/ Horticulture/ Agriculture	SEF / Road Making/ Low land filling	RDF based Cement Plants (separate block/ tiles)	Recycling Plants	66	072	12	348	Sept-2025	1.31	Work order issued to an agency for setting up of fresh waste processing unit. Infrastructure work is in progress.
26	Dakshin Dinajpur	Chingam pur	19	54175	28	14	14	Wastewater Composting	MRF	154	23	148	812	Local Farmers/ Horticulture/ Agriculture	SEF / Road Making/ Low land filling	RDF based Cement Plants (separate block/ tiles)	Recycling Plants	154	148	23	812	Sept-2025	3.07	Tender floated for engagement of agency for setting up fresh waste processing plant.

STATUS and action plan for existing 1815s proceeds of fish waste for 126 U.I.s of West Bengal upto November, 2024

Sl. No. of District	(i) Name of U.I.S.	No. of ward	Population 2011	(ii) Waste Generation (TPD)	Waste being processed per day (TPD)	Cap in place (TPD)	Type of end use processing unit	Type of der. limit	(iv) Method of treatment in TPD				(v) Final destination each of the component (i)				(vi) Break up details of waste processing				(vii) Action plan to process 1815s of waste		
									Organic material (Tons/Day)	Inerts	MBF	Others	Organic material	Inerts	MBF	Others	Energy plants (Waste to energy)	Bio-Compost units	Land fill sites	Land fill sites of MBF		Others	Time for processing of remaining waste
27	Duapdin 5	Duapdin 32	1,20,614	35	0	35	Wastewater Composting	MBF	19.25	3.5	2.1	10.15	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	MBF	Recycling of Planks	19.25	2.1	3.5	10.15	Dec. 2025	3.53	Construction of allied work for setting up of waste processing unit in a progress. After completion of these works, tender to be issued for setting up of fish waste processing plant.
28	Kalpaing 8	Kalpaing 23	49,480	19	0	19	Wastewater Composting	MBF	10.45	1.9	1.4	5.51	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	MBF	Recycling of Planks	10.45	1.4	1.9	5.51	Dec. 2025	2.08	Tender to be issued for engagement of agency for setting up fresh waste processing plant.
29	Duapdin 8	Kulung 20	42,346	11	0	11	Wastewater Composting	MBF	6.05	1.1	0.66	3.19	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	MBF	Recycling of Planks	6.05	0.66	1.1	3.19	Dec. 2025	1.20	DFR (Drawing Design & Estimate) for Fresh Waste Processing Plant in under preparation & simultaneous progress for setting up of allied work of energy is under process. Fresh plant construction completed.
30	Duapdin 8	Mirka 9	11,513	4.2	0	4.2	Wastewater Composting	MBF	2.31	0.42	0.252	1.218	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	MBF	Recycling of Planks	2.31	0.252	0.42	1.218	Dec. 2025	0.46	Recently, land identified and process for setting up of fresh waste processing unit in progress. DFR (Drawing, Design & Estimate) for Fresh Waste Processing Plant is under preparation.
31	Duapdin 8	Silguri MC 4	5,12,264	359	200	158	Wastewater Composting	MBF	196.9	35.8	21.48	101.82	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	MBF	Recycling of Planks	196.9	21.48	35.8	101.82	June, 2025	79.20	Work order issued to an agency for setting up of fresh waste processing unit. Infrastructure work is in progress.
32	Howrah Municipal 4	Mirka 22	2,52,290	120	17	103	Wastewater Composting	MBF	66	12	7.2	34.8	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	MBF	Recycling of Planks	66	7.2	12	34.8	Dec. 2025	13.14	DFR (Drawing Design & Estimate) for Fresh Waste Processing Plant proposed. Tender to be issued for engagement of agency for setting up of fresh waste processing plant.
33	Hooghly (Kamrugh)		66,175	26.76	7	21.76	Wastewater Composting	MBF	13.818	2.87	1.7256	8.304	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	MBF	Recycling of Planks	13.818	1.7256	2.87	8.304		3.15	State Government has provided a land for the ULB for setting up of fresh waste processing unit. Estimate to public relation office as soon as possible for the same. Tender is expected that the work will be initiated within March 2025. After this, tender will be issued for engagement of agency for setting up of fish waste processing plant.
34	Hooghly (Sadi/Sadi)		1,21,110	50	50	0	Wastewater Composting	MBF	27.5	5	3	14.5	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	MBF	Recycling of Planks	27.5	5	3	14.5	NA	5.48	Plant in operation.
35	Hooghly (Bankaria)		1,02,920	40	15	25	Wastewater Composting	MBF	22	4	2.4	11.6	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	MBF	Recycling of Planks	22	2.4	4	11.6	Sept. 2025	4.38	Work order issued to an agency for setting up of fresh waste processing unit. Infrastructure work is in progress.
36	Hooghly (Biduvara)		1,01,477	32	12	20	Wastewater Composting	MBF	17.6	3.2	1.92	9.28	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	MBF	Recycling of Planks	17.6	1.92	3.2	9.28	June, 2025	3.50	Work order issued to an agency for setting up of fresh waste processing unit. Infrastructure work is in progress.
37	Hooghly (Chandernagar)		1,11,251	19	19	0	Wastewater Composting	MBF	10.45	1.9	1.4	5.51	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	MBF	Recycling of Planks	10.45	1.4	1.9	5.51	NA	2.08	Plant in operation.
38	Hooghly (Chandernagar)		1,66,867	71.64	28	46.44	MB-CNG	MBF	39.292	7.144	4.2664	20.718	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	MBF	Recycling of Planks	39.292	0	4.2664	7.144	Dec. 2025	7.32	Tender to be issued for engagement of agency for setting up of fresh waste processing plant. Infrastructure work is in progress.
39	Hooghly (Dankuni)		94,066	42	0	42	Wastewater Composting	MBF	23.1	4.1	2.51	12.18	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	MBF	Recycling of Planks	23.1	2.51	4.1	12.18	June, 2025	4.60	Work order issued to an agency for setting up of fresh waste processing unit. Infrastructure work is in progress.

Status and action plan for meeting IWR's processing of fresh waste for 128 UEs in West Bengal upto November, 2024

Sl. No.	(i) Name of District	UEs	No. of ward	Population (Census 2011)	(ii) Waste Generation (TPD)	Waste being processed (TPD)	Gap in processing (TPD)	Type of wet waste processing Unit	Type of Dry Waste processing Unit	(iii) Method of treatment in TPD						(iv) Final destination each of the composted (v)						(vi) Break up details of waste processing						(vii) Action plan to process 100% of waste
										Organic material (Wet waste)	Others	RDF	Others	Organic material	Soil	RDF	Others	Energy (Value in million)	Soil Compost	Used in Current units	Land Fill sites	Others (Inert materials)	Time line for starting of waste processing of remaining waste	Budget (Rs. In Cro)	Proposed			
40	Hoojly	Hoojly	30	1,27,289	75	16	59	Bi-CNG	MRF	4125	75	45	2125	Local Farmers/ Horticulture/ Agriculture	Soil / Road Making / Low land filling	RDF based Current Plans / Making of different road items (sovere black/ tiles etc)	Recycling Plants	4125	0	45	75	2125	Dec-2025	8.21	Tender to be floated for engagement of agency for setting up fresh waste processing plant. Tender document proposed			
41	Hoojly	Konnagar	20	76,372	26.5	26.5	0	Wetland Composting	MRF	14,025	236	153	7,295	Local Farmers/ Horticulture/ Agriculture	Soil / Road Making / Low land filling	RDF based Current Plans / Making of different road items (sovere black/ tiles etc)	Recycling Plants	14,025	1.53	235	7,295	NA	2.79	Plant is operation.				
42	Hoojly	Raha	23	1,24,585	54	45	9	Wetland Composting	MRF	29.7	5.4	3.24	15.66	Local Farmers/ Horticulture/ Agriculture	Soil / Road Making / Low land filling	RDF based Current Plans / Making of different road items (sovere black/ tiles etc)	Recycling Plants	29.7	3.24	5.4	15.66	Sep-2025	5.91	Tender to be floated for upgradation/ existing infrastructure for processing the remaining waste. Tender document under preparation.				
43	Hoojly	Saranagar	29	1,83,399	95	95	0	Wetland Composting	MRF	52.25	9.5	5.7	27.55	Local Farmers/ Horticulture/ Agriculture	Soil / Road Making / Low land filling	RDF based Current Plans / Making of different road items (sovere black/ tiles etc)	Recycling Plants	52.25	5.7	9.5	27.55	NA	10.40	Plant is operation.				
44	Hoojly	Tandawa	15	30,947	11.16	6	7.16	Wetland Composting	MRF	7.28	1.316	0.7966	3.8164	Local Farmers/ Horticulture/ Agriculture	Soil / Road Making / Low land filling	RDF based Current Plans / Making of different road items (sovere black/ tiles etc)	Recycling Plants	7.28	0.7966	1.316	3.8164	Dec-2025	1.44	State Government identified the land for setting up of fresh waste processing unit. Expected that the land will be under possession of the UEs within March, 2025. After that the tender will be floated for engagement of agency for setting up of fresh waste processing plant.				
45	Hoojly	Utagura Karam	34	1,62,386	72	72	0	Wetland Composting	MRF	39.6	7.2	4.32	20.88	Local Farmers/ Horticulture/ Agriculture	Soil / Road Making / Low land filling	RDF based Current Plans / Making of different road items (sovere black/ tiles etc)	Recycling Plants	39.6	4.32	7.2	20.88	March,2025	7.88	Plant is operation.				
46	Aliporda	Aliporda	20	65,273	21	21	0	Wetland Composting	MRF	11.55	2.1	1.26	6.29	Local Farmers/ Horticulture/ Agriculture	Soil / Road Making / Low land filling	RDF based Current Plans / Making of different road items (sovere black/ tiles etc)	Recycling Plants	11.55	1.26	2.1	6.29	NA	2.30	Plant is operation.				
47	Aliporda	Dhoupur	16	44,719	10.5	0	10.5	Wetland Composting	MRF	5.775	1.05	0.63	3.145	Local Farmers/ Horticulture/ Agriculture	Soil / Road Making / Low land filling	RDF based Current Plans / Making of different road items (sovere black/ tiles etc)	Recycling Plants	5.775	0.63	1.05	3.145	Dec-2025	1.15	State Government identified the land for setting up of fresh waste processing unit. Expected that the land will be under possession of the UEs within March, 2025. After that the tender will be floated for engagement of agency for setting up of fresh waste processing plant.				
48	Aliporda	Jalpoiganj	21	1,07,241	62	0	62	Wetland Composting	MRF	34.1	6.2	3.72	17.38	Local Farmers/ Horticulture/ Agriculture	Soil / Road Making / Low land filling	RDF based Current Plans / Making of different road items (sovere black/ tiles etc)	Recycling Plants	34.1	3.72	6.2	17.38	Sep-2025	6.79	Waste Processing Plant is under preparation & simultaneously preparation of tender document for engagement of agency is under process.				
49	Aliporda	Mai	11	24,218	9	0	9	Wetland Composting	MRF	4.95	0.9	0.54	2.61	Local Farmers/ Horticulture/ Agriculture	Soil / Road Making / Low land filling	RDF based Current Plans / Making of different road items (sovere black/ tiles etc)	Recycling Plants	4.95	0.54	0.9	2.61	Sep-2025	0.99	Construction of Infrastructure Work for setting up of fresh waste processing unit is under process.				
50	Malda	English Bazar	29	1,05,531	159	0	159	Wetland Composting	MRF	85.25	15.5	9.3	44.95	Local Farmers/ Horticulture/ Agriculture	Soil / Road Making / Low land filling	RDF based Current Plans / Making of different road items (sovere black/ tiles etc)	Recycling Plants	85.25	9.3	15.5	44.95	Sep-2025	16.97	DPR (Drawing,Design & Estimate) for Fresh Waste Processing Plant is under preparation & simultaneous preparation of tender document for engagement of agency is under process.				
51	Malda	OU Malda	39	84,073	37	0	37	Wetland Composting	MRF	30.35	3.7	2.22	10.73	Local Farmers/ Horticulture/ Agriculture	Soil / Road Making / Low land filling	RDF based Current Plans / Making of different road items (sovere black/ tiles etc)	Recycling Plants	30.35	2.22	3.7	10.73	Dec-2025	4.95	State Government identified the land for setting up of fresh waste processing unit. Expected that the land will be under possession of the UEs within March, 2025. After that the tender will be floated for engagement of agency for setting up of fresh waste processing plant.				
52	Murshidabad	Kaldanga	11	29,182	11	0	11	Wetland Composting	MRF	6.05	1.1	0.66	3.19	Local Farmers/ Horticulture/ Agriculture	Soil / Road Making / Low land filling	RDF based Current Plans / Making of different road items (sovere black/ tiles etc)	Recycling Plants	6.05	0.66	1.1	3.19	Sep-2025	1.26	Construction of Infrastructure Work for setting up of fresh waste processing unit is under process.				
53	Murshidabad	Belkhangra	25	1,96,566	100	0	100	Wetland Composting	MRF	55	10	6	29	Local Farmers/ Horticulture/ Agriculture	Soil / Road Making / Low land filling	RDF based Current Plans / Making of different road items (sovere black/ tiles etc)	Recycling Plants	55	6	10	29	Dec-2025	10.96	After recalculation of land from legacy work the tender for infrastructure work for setting up of fresh waste processing unit will be floated.				

Status and action plan for existing 100% processing of fresh waste for 128 ULSs of West Bengal upto November-2024

Sl. No.	(i) Name of District	ULS	No. of waste	Population (2011)	(ii) Waste Generation (TPD)	Waste being processed per day (TPD)	Gap in processing (TPD)	Type of unit	Type of unit	Type of unit	(iii) Method of treatment in TPD					(iv) Final destination/ use of the composted/ (v)					(vi) Break up details of waste processing					(vii) Action Plan to process 100% of waste
											Organic waste (MGT)	RDF	Others	Others	Others	Others	Others	Others	Others	Others	Others	Others	Others	Others	Others	
75	North 24 Parganas	Kemuhai	35	3,31,153	180	0	180	Wastewater Composting	MRF	38	16	9.6	46.4	Local Farmers/ Horticulture/ Agriculture	Slip / Road Making / Low land filling	RDF based Cement Plants / Making of different road items (gutter block, tiles etc)	Recycling Plants	88	9.6	16	46.4	Sep-2025	17.23	Work order issued to an agency for setting up of fresh waste processing unit at Kemuhai. After reclamation of land from legacy work the infrastructure work for setting up of fresh waste processing unit will be started.		
79	North 24 Parganas	Barnaul	35	2,78,435	203	0	203	Wastewater Composting	MRF	111.65	20.3	12.18	56.87	Local Farmers/ Horticulture/ Agriculture	Slip / Road Making / Low land filling	RDF based Cement Plants / Making of different road items (gutter block, tiles etc)	Recycling Plants	111.65	12.18	20.3	56.87	June-2025	22.23	Work order issued to an agency for setting up of fresh waste processing unit. Infrastructure work is in progress.		
80	North 24 Parganas	Barnaul	34	1,53,763	50	15	35	Wastewater Composting	MRF	27.5	5	3	14.5	Local Farmers/ Horticulture/ Agriculture	Slip / Road Making / Low land filling	RDF based Cement Plants / Making of different road items (gutter block, tiles etc)	Recycling Plants	27.5	3	4	14.5	Dec-2025	5.48	Work order issued to an agency for setting up of fresh waste processing unit. On regional level, when the selected agency shall process the legacy waste and fresh waste simultaneously. After reclamation of land of the agency through housing of the existing legacy work, the shall set up their processing unit over the land reclaimed. Zoid of the roads not reclaimed, Zoid shall be moved away.		
81	North 24 Parganas	Kemuhai	23	1,20,088	56	53	3	Wastewater Composting	MRF	30.8	5.6	3.36	16.24	Local Farmers/ Horticulture/ Agriculture	Slip / Road Making / Low land filling	RDF based Cement Plants / Making of different road items (gutter block, tiles etc)	Recycling Plants	30.8	3.36	5.6	16.24	March-2025	6.13	Work order issued to an agency for setting up of fresh waste processing unit. Land development is in progress.		
82	North 24 Parganas	Dhansura	35	3,35,567	205	0	205	Wastewater Composting	MRF	112.75	20.5	12.3	59.43	Local Farmers/ Horticulture/ Agriculture	Slip / Road Making / Low land filling	RDF based Cement Plants / Making of different road items (gutter block, tiles etc)	Recycling Plants	112.75	12.3	20.5	59.43	June-2025	22.43	Work order issued to an agency for setting up of fresh waste processing unit. On regional level, when the selected agency shall process the legacy waste and fresh waste simultaneously. After reclamation of land of the agency through housing of the existing legacy work, the shall set up their processing unit over the land reclaimed. Zoid of the roads not reclaimed, Zoid shall be moved away.		
83	North 24 Parganas	Mulbagani at Municipal Corporation	41	6,34,107	350	0	350	Wastewater Composting	MRF	192.5	35	21	101.5	Local Farmers/ Horticulture/ Agriculture	Slip / Road Making / Low land filling	RDF based Cement Plants / Making of different road items (gutter block, tiles etc)	Recycling Plants	192.5	21	35	101.5	Dec-2025	38.23	Work order issued to an agency for setting up of fresh waste processing unit. On regional level, when the selected agency shall process the legacy waste and fresh waste simultaneously. After reclamation of land of the agency through housing of the existing legacy work, the shall set up their processing unit over the land reclaimed. Zoid of the roads not reclaimed, Zoid shall be moved away.		
84	North 24 Parganas	Bongpan	22	1,08,864	62	31	31	Wastewater Composting	MRF	34.1	6.2	3.22	17.98	Local Farmers/ Horticulture/ Agriculture	Slip / Road Making / Low land filling	RDF based Cement Plants / Making of different road items (gutter block, tiles etc)	Recycling Plants	34.1	3.22	6.2	17.98	Dec-2025	6.79	Work order issued to an agency for setting up of fresh waste processing unit. On regional level, when the selected agency shall process the legacy waste and fresh waste simultaneously. After reclamation of land of the agency through housing of the existing legacy work, the shall set up their processing unit over the land reclaimed. Zoid of the roads not reclaimed, Zoid shall be moved away.		
85	North 24 Parganas	Gariahat	21	83,136	35.77	12	23.77	Wastewater Composting	MRF	19.675	3.577	2.142	10.373	Local Farmers/ Horticulture/ Agriculture	Slip / Road Making / Low land filling	RDF based Cement Plants / Making of different road items (gutter block, tiles etc)	Recycling Plants	19.675	2.142	3.577	10.373	Dec-2025	3.92	Work order issued to an agency for setting up of fresh waste processing unit. On regional level, when the selected agency shall process the legacy waste and fresh waste simultaneously. After reclamation of land of the agency through housing of the existing legacy work, the shall set up their processing unit over the land reclaimed. Zoid of the roads not reclaimed, Zoid shall be moved away.		
86	North 24 Parganas	Chandernagore	17	45,592	18.64	8	10.64	Wastewater Composting	MRF	10.252	1.864	1.1184	5.4056	Local Farmers/ Horticulture/ Agriculture	Slip / Road Making / Low land filling	RDF based Cement Plants / Making of different road items (gutter block, tiles etc)	Recycling Plants	10.252	1.1184	1.864	5.4056	Sept-2025	2.10	Work order issued to an agency for setting up of fresh waste processing unit at Chandernagore. After reclamation of land from legacy work the infrastructure work for setting up of fresh waste processing unit will be started.		
87	North 24 Parganas	Lakshmi	24	1,47,221	70	0	70	Wastewater Composting	MRF	30.5	7	4.2	20.3	Local Farmers/ Horticulture/ Agriculture	Slip / Road Making / Low land filling	RDF based Cement Plants / Making of different road items (gutter block, tiles etc)	Recycling Plants	30.5	4.2	7	20.3	Sept-2025	7.67	Work order issued to an agency for setting up of fresh waste processing unit at Lakshmi. After reclamation of land from legacy work the infrastructure work for setting up of fresh waste processing unit will be started.		

Sanitation and action plan for ensuring HHVs processing of fresh waste for 121 ULBs of West Bengal upto November, 2024

Sl. No.	DD Name of District	ULB	No. of wards	Population (Census 2011)	(i) Waste Generation (TPD)	Waste being processed per day (TPD)	Gap in waste processing (TPD)	Type of wet waste processing Unit	Type of dry Waste Processing Unit	(ii) Method of treatment in TTD					(iii) Final destination each of the components (iv)					(v) Break up details of waste processing					(vi) Action plan to process HHVs of waste	
										Organic material (Waste)	Inert	RDF	Others	Organic material	Inert	RDF	Others	Emurr (Waste to energy plant)	Bio-Compost	Land fill	Land fill sites	Other fill sites	Others (removal yards)	Time line for starting of processing of HHVs	Budget (Rs. in Cr)	Proposal
99	Paschim Medinipur	Bergam	15	61,882	285	0	26.5	Wastew Composting	MBF	15,675	285	1.71	826	Local farms/ Horticulture/ Agriculture	SBF / Road Making/ Low land filling	RDF based Cement Plants / Making of different road items (gavve blocks/ tiles etc)	Recycling Plants	11,675	1.71	285	826	23.78	Dec. 2025	312	DPR (Drawing, Design & Estimate) for Fresh Waste Processing Plant prepared. Tender floated for engagement of agency for setting up of fresh waste processing plant.	
100	Paschim Medinipur	Bansaganur	35	2,07,604	82	25	57	Wastew Composting	MBF	45.1	8.2	4.92	21.78	Local farms/ Horticulture/ Agriculture	SBF / Road Making/ Low land filling	RDF based Cement Plants / Making of different road items (gavve blocks/ tiles etc)	Recycling Plants	45.1	4.92	8.2	23.78	Sept. 2025	8.98	Work order received to an agency for setting up of fresh waste processing unit. Information of fresh waste processing unit accepted due to local application. Joint govt to endorse the matter and start the work at the earliest.		
101	Paschim Medinipur	Kharur	10	12,220	5.4	0	5.4	Wastew Composting	MBF	2.97	0.54	0.324	1.566	Local Farms/ Horticulture/ Agriculture	SBF / Road Making/ Low land filling	RDF based Cement Plants / Making of different road items (gavve blocks/ tiles etc)	Recycling Plants	2.97	0.324	0.54	1.566	July/2025	0.59	DPR (Drawing, Design & Estimate) for fresh Waste Processing Plant prepared. Tender floated for engagement of agency for setting up of fresh waste processing plant.		
102	Paschim Medinipur	Kharpa	10	16,385	6.76	0	6.76	Wastew Composting	MBF	3.738	0.676	0.4056	1.9604	Local Farms/ Horticulture/ Agriculture	SBF / Road Making/ Low land filling	RDF based Cement Plants / Making of different road items (gavve blocks/ tiles etc)	Recycling Plants	3.738	0.4056	0.676	1.9604	July/2025	0.76	DPR (Drawing, Design & Estimate) for Fresh Waste Processing Plant prepared. Tender floated for engagement of agency for setting up of fresh waste processing plant.		
103	Paschim Medinipur	Maldahpur	25	1,69,127	92	0	92	Wastew Composting	MBF	30.6	9.2	5.32	36.68	Local Farms/ Horticulture/ Agriculture	SBF / Road Making/ Low land filling	RDF based Cement Plants / Making of different road items (gavve blocks/ tiles etc)	Recycling Plants	30.6	5.32	9.2	36.68	Sept. 2025	10.07	After reclamation of land from beggar waste use matter for infrastructure work for setting up of fresh waste processing unit will be floated.		
104	Paschim Medinipur	Ranibery or	11	19,611	7	0	7	Wastew Composting	MBF	3.88	0.7	0.42	2.03	Local Farms/ Horticulture/ Agriculture	SBF / Road Making/ Low land filling	RDF based Cement Plants / Making of different road items (gavve blocks/ tiles etc)	Recycling Plants	3.88	0.42	0.7	2.03	Sept. 2025	0.77	DPR (Drawing, Design & Estimate) for Fresh Waste Processing Plant prepared. Tender floated for engagement of agency for setting up of fresh waste processing plant.		
105	Paschim Medinipur	Garul	21	92,220	60	0	60	Wastew Composting	MBF	33	6	3.6	17.4	Local Farms/ Horticulture/ Agriculture	SBF / Road Making/ Low land filling	RDF based Cement Plants / Making of different road items (gavve blocks/ tiles etc)	Recycling Plants	33	3.6	6	17.4	Dec. 2025	6.57	DPR (Drawing, Design & Estimate) for Fresh Waste Processing Plant prepared. Tender to be floated for engagement of agency for setting up of fresh waste processing plant.		
106	Paschim Medinipur	Egra	14	36,188	14.6	0	14.6	Wastew Composting	MBF	8.01	1.46	0.876	4.234	Local Farms/ Horticulture/ Agriculture	SBF / Road Making/ Low land filling	RDF based Cement Plants / Making of different road items (gavve blocks/ tiles etc)	Recycling Plants	8.01	0.876	1.46	4.234	Sept. 2025	1.60	DPR (Drawing, Design & Estimate) for Fresh Waste Processing Plant prepared. Tender floated for engagement of agency for setting up of fresh waste processing plant.		
107	Paschim Medinipur	Haldia	29	2,00,527	80	30	0	Wastew Composting	MBF	44	8	4.8	23.2	Local Farms/ Horticulture/ Agriculture	SBF / Road Making/ Low land filling	RDF based Cement Plants / Making of different road items (gavve blocks/ tiles etc)	Recycling Plants	44	4.8	8	23.2	NA	8.76	State Government identified the land for setting up of fresh waste processing unit. Expected that the land will be under possession of the ULB within March 2025. After that the tender will be floated for engagement of agency for setting up of fresh waste processing plant.		
108	Paschim Medinipur	Pandua	15	57,932	18	8	10	Wastew Composting	MBF	9.9	1.8	1.08	5.22	Local Farms/ Horticulture/ Agriculture	SBF / Road Making/ Low land filling	RDF based Cement Plants / Making of different road items (gavve blocks/ tiles etc)	Recycling Plants	9.9	1.08	1.8	5.22	Dec. 2025	1.97	State Government is in the process for identifying the land for setting up of fresh waste processing unit. Expected that the land will be identified within March 2025. After that the tender will be floated for engagement of agency for setting up of fresh waste processing plant.		
109	Paschim Medinipur	Tankla	20	65,312	24.6	12	12.6	Wastew Composting	MBF	13.53	2.46	1.476	7.134	Local Farms/ Horticulture/ Agriculture	SBF / Road Making/ Low land filling	RDF based Cement Plants / Making of different road items (gavve blocks/ tiles etc)	Recycling Plants	13.53	1.476	2.46	7.134	Dec. 2025	2.69	State Government is in the process for identifying the land for setting up of fresh waste processing unit. Expected that the land will be identified within March 2025. After that the tender will be floated for engagement of agency for setting up of fresh waste processing plant.		
110	Paschim Medinipur	Halka	12	75,530	6.48	0	6.48	Wastew Composting	MBF	3.564	0.648	0.3888	1.8792	Local Farms/ Horticulture/ Agriculture	SBF / Road Making/ Low land filling	RDF based Cement Plants / Making of different road items (gavve blocks/ tiles etc)	Recycling Plants	3.564	0.3888	0.648	1.8792	Dec. 2025	0.71	State Government is in the process for identifying the land for setting up of fresh waste processing unit. Expected that the land will be identified within March 2025. After that the tender will be floated for engagement of agency for setting up of fresh waste processing plant.		

States and union territories for recycling 100% of fresh waste for 134 ULBs of West Bengal upto November-2024

Sl. No.	(a) Name of District	ULB	No. of wards	Population (2011)	(b) Waste Generation (TPD)	Waste being processed per day (TPD)	Cap in waste processing per day (TPD)	Type of waste	Type of dry waste processing unit	(c) Mapped of treatment in TPD			(c) Final destination each of the component (a)				(d) Break up details of waste processing					Time line for starting of processing of fresh waste	Budget (Rs. In Crore)	Action plan to process 100% of waste
										Organic (Metric Tons)	Inerts	ROF	Others	Organic material	Inert	ROF	Others	Recycling plants (Metric Tons)	Re-use (Metric Tons)	Used in Cement	Land fill sites			
111	North	Purulia	23	1,21,067	20	0	20	Wastewater Composting	MRF	11	2	12	58	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	ROF based Cement Plants / Making of different road items (power blocks/ tiles etc)	Recycling Plants	11	12	2	58	Dec-2023	219	State Government is in the process for identifying the land for setting up of fresh waste processing unit. Expected case for land will be identified within March-2025. After that tender will be floated for engagement of agency for setting up of fresh waste processing plant.
112	North	Rajshahi Pur	13	26,621	11	0	11	Wastewater Composting	MRF	6.05	1.1	0.66	319	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	ROF based Cement Plants / Making of different road items (power blocks/ tiles etc)	Recycling Plants	6.05	0.66	1.1	319	Dec-2023	120	DR (Drawing Design & Estimate) for Fresh Waste Processing Plant is under preparation & simultaneously preparation of tender document for engagement of agency is under process.
113	South 24 parganas	Durgapur	17	53,126	34.5	6	18.5	Wastewater Composting	MRF	13.875	2.45	1.47	7105	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	ROF based Cement Plants / Making of different road items (power blocks/ tiles etc)	Recycling Plants	13.875	1.47	2.45	7105	Sept-2025	288	DR (Drawing Design & Estimate) for Fresh Waste Processing Plant is under preparation & simultaneously preparation of tender document for engagement of agency is under process.
114	South 24 parganas	Haldia	20	76,838	30	25	5	Wastewater Composting	MRF	16.5	3	1.8	67	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	ROF based Cement Plants / Making of different road items (power blocks/ tiles etc)	Recycling Plants	16.5	1.8	3	67	Dec-2023	329	DR (Drawing Design & Estimate) for Fresh Waste Processing Plant is under preparation & simultaneously preparation of tender document for engagement of agency is under process.
115	South 24 parganas	Diamond Harbour	16	43,109	19.53	4	15.53	Wastewater Composting	MRF	10.7115	1.853	1.1738	3,6827	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	ROF based Cement Plants / Making of different road items (power blocks/ tiles etc)	Recycling Plants	10.7115	1.1738	1.853	3,6827	Sept-2025	214	Work order issued to an agency for setting up of fresh waste processing work Infrastructure Work is in progress.
116	South 24 parganas	Jajmugaon Maljhira	14	23,922	9	6	3	Wastewater Composting & Bio Gas	MRF	4.95	0.9	0.54	241	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	ROF based Cement Plants / Making of different road items (power blocks/ tiles etc)	Recycling Plants	3.95	0.54	0.9	241	March-2025	0.99	Work order issued to an agency for setting up of fresh waste processing work Infrastructure Work is in progress.
117	South 24 parganas	Nahabola	35	4,90,423	210	14	198	Vermin Compost	MRF	114.5	21	12.6	60.9	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	ROF based Cement Plants / Making of different road items (power blocks/ tiles etc)	Recycling Plants	114.5	12.6	21	60.9	Dec-2023	23.06	After reclamation of land through legacy waste processing, tender will be floated for engagement of agency for setting up of fresh waste processing plant. Preparation of tender document under process.
118	South 24 parganas	Puduli	16	37,000	12.63	0	12.63	Wastewater Composting	MRF	6.9461	1.263	0.7578	3,6627	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	ROF based Cement Plants / Making of different road items (power blocks/ tiles etc)	Recycling Plants	6.9461	0.7578	1.263	3,6627	July-2025	1.38	Tender floated for engagement of agency for setting up of fresh waste processing plant.
119	South 24 parganas	Rajpur Sarpanch	35	4,23,734	348.53	5	343.53	Wastewater Composting & Bio Gas	MRF	191.886	34.851	20.9111	101.07	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	ROF based Cement Plants / Making of different road items (power blocks/ tiles etc)	Recycling Plants	166.636	20.9112	34.851	101.0708	Sept-2025	38.16	Tender shall be floated by the ULB itself for engagement of agency for setting up fresh waste processing plant. Tender document prepared.
120	West	Dudhaha	15	37,063	17.29	4	13.29	Wastewater Composting	MRF	9.396	1.729	1.0734	5,0141	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	ROF based Cement Plants / Making of different road items (power blocks/ tiles etc)	Recycling Plants	9.396	1.0734	1.729	5,0141	Sept-2025	1.89	DR (Drawing Design & Estimate) for Fresh Waste Processing Plant prepared. Tender floated for engagement of agency for setting up of fresh waste processing plant.
121	West	Islampur	17	54,340	21.73	12	9.73	Wastewater Composting	MRF	11.9616	2.373	1.3038	6,3017	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	ROF based Cement Plants / Making of different road items (power blocks/ tiles etc)	Recycling Plants	11.9616	1.3038	2.373	6,3017	March-2025	2.38	DR (Drawing Design & Estimate) for Fresh Waste Processing Plant is under preparation & simultaneously preparation of tender document for engagement of agency is under process.
122	West	Kadirganga	17	53,580	39	39	39	Wastewater Composting	MRF	21.45	3.9	2.34	11.31	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	ROF based Cement Plants / Making of different road items (power blocks/ tiles etc)	Recycling Plants	21.45	2.34	3.9	11.31	Sept-2025	4.27	Tender floated for engagement of agency for setting up fresh waste processing plant.
123	West	Bajrang	27	1,83,612	95	16	79	Wastewater Composting	MRF	52.25	9.5	5.7	27.85	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	ROF based Cement Plants / Making of different road items (power blocks/ tiles etc)	Recycling Plants	52.25	5.7	9.5	27.85	Sept-2025	10.80	Work order issued to an agency for setting up of fresh waste processing work Infrastructure Work is in progress.
124	West	Haveri	50	10,10,645	710	10	706	Wastewater Composting	MRF	396.3	71	42.8	205.9	Local Farmers/ Horticulture/ Agriculture	SlF / Road Making / Low land filling	ROF based Cement Plants / Making of different road items (power blocks/ tiles etc)	Recycling Plants	396.3	42.8	71	205.9	Dec-2025	77.75	After reclamation of land through legacy waste processing, tender will be floated for engagement of agency for setting up of fresh waste processing plant. Preparation of tender document under process.

Monitor and action plan for ensuring 100% processing of fresh waste for 134 (11 Bn of Wet Weight) after November 2024

Sl. No. of District	(1) Name of U.B. ward	No. of Comm. ward (2011)	(2) Waste generated (CTD)	Waste being processed per day (CTD)	Gap in waste processing (CTD)	Type of wet waste processing Unit	Type of Dry Waste processing Unit	(iii) Method of treatment in TFD				(iv) Final destination each of the component (b)				(v) Break up details of waste processing				Time line for starting of processing of remaining waste	Budget (Rs. In Cr)	Action plan to process 100% of waste	
								Organic (Wet Waste)	herts	KDF	Others	Local	Inter	RDF	Others	Energy plant (Waste to energy plant)	Bio-Compound units	Land fill	Land fill sites				Others sites of inter
121	Hennah	18	241916	13993	16	Wetland Composting	MRF	766615	13991	83958	4638	Local Farmer/ Horticulture / Agriculture	SE / Road Making/ Low land filling	RDF based Cement Plant / Manufacturing of different road items (kerbs, blocks, tiles etc)	Recycling Plant	766615	83958	13991	46397	Dec-2025	15.32	After evaluation of land through agency waste processing tender to be issued for engagement of agency for setting up of fresh waste processing plant. Preparation of tender document under process.	
122	Hennah	17	36253	127	0	Wetland Composting	MRF	6985	127	0782	3883	Local Farmer/ Horticulture / Agriculture	SE / Road Making/ Low land filling	RDF based Cement Plant / Manufacturing of different road items (kerbs, tiles etc)	Recycling Plant	6985	0782	127	3883	March, 2025	1.29	Work order issued to an agency for setting up of fresh waste processing unit. Infrastructure Work is in progress.	
123	Alipoura	18	54109	22	0	Wetland Composting	MRF	121	22	132	638	Local Farmer/ Horticulture / Agriculture	SE / Road Making/ Low land filling	RDF based Cement Plant / Manufacturing of different road items (kerbs, tiles etc)	Recycling Plant	121	132	22	638	Sept, 2025	2.41	Work order issued to an agency for setting up of fresh waste processing unit. Infrastructure Work is in progress.	
124	Kothana MC	141	449694	450	609	Wetland Composting & Bio-CNG	Material Recovery & Recycling Unit	2075	450	270	1335	Local Farmer/ Horticulture / Agriculture	SE / Road Making/ Low land filling	RDF based Cement Plant / Manufacturing of different road items (kerbs, tiles etc)	Recycling Plant	350	2125	270	480	1335	Dec- 2025	600.00	Bio-CNG and wetland compost plant to be set up for remaining wet waste and for remaining dry waste. MRF to be set up.
Total =		204	2141341	131667	2386.5	10794		2586838	131667	79226	3832				74933	6819297	792064	132467	302356	Total =	1554.41		

Phase - I: Status of Bio-mining and Bio - Remediation of Legacy Waste of the ULBs of West Bengal where the Processing work has been initiated upto November,2024

Sl No	(i) District	ULB	(ii) Legacy Waste Site		(iii) Area of Dump Site in acre	(iv) Quantity of Waste in MT	(v) Composition of the Waste			(vi) Process adopted at site	Quantity of legacy waste processed upto (MT)	(vii) Timeline to process at site	(viii) Status of Waste (Classified)	(ix) Final Disposition of the Components at (v)			Area Reclaimed in Acre	Treated/Recycled in Cent	Action plan to remediate and recover the sites	
			No. of Legacy waste sites	Location of the site			CPS coordinate (Lat & Long)	Iron (%)	Composite (%)					RDF (%)	Highly inert material (%)	Compost (%)				RDF (%)
1	ALPBUJAR	Alipurjar	1	Beside Baramulla Market	24°37'33"N 89°37'29"E	0.38	424	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio Remediation	424	Completed	Low land filling & used as soil enricher in cultivation	Cement Plumb of other status	Moderate Loss and other handling Loss	0.38	0.22	Bio-mining and Bio remediation of the assessed quantity of Legacy Waste has been completed.
2	BARUDA	Baruda	1	Kolhar Trending Canal	23°34'28"N 87°02'08"E	16.33	12937.6	35-45%	30-40%	3-15%	10-20%	Bio-mining and Bio Remediation	12938	Completed	Low land filling & used as soil enricher in cultivation	Cement Plumb of other status	Moderate Loss and other handling Loss	6.30	13.29	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
3	BARUDA	Sonamuhul	1	Ashok Bar	23°30'43"N 87°38'59"E	1.50	2400	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio Remediation	2400	Completed	Low land filling & used as soil enricher in cultivation	Cement Plumb of other status	Moderate Loss and other handling Loss	1.50	0.15	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
4	BIRBHUM	Behur	1	Behur, Khasra, S. Behur, II, No. 55, I.P.A. No. 2591, 2011	23°52'29"N 87°21'13"E	1.33	69814	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio Remediation	69814	Completed	Low land filling & used as soil enricher in cultivation	Cement Plumb of other status	Moderate Loss and other handling Loss	1.30	3.95	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
5	BIRBHUM	Dubringur	1	Mahaprabha Canal	23°28'36"N 87°38'59"E	1.20	6122	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio Remediation	6122	Completed	Low land filling & used as soil enricher in cultivation	Cement Plumb of other status	Moderate Loss and other handling Loss	0.75	0.25	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
6	BIRBHUM	Rangpurhat	1	Banake Karamda Road	24°18'26"N 87°29'49"E	3.83	24212	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio Remediation	24212	Completed	Low land filling & used as soil enricher in cultivation	Cement Plumb of other status	Moderate Loss and other handling Loss	0.85	1.27	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
7	BIRBHUM	Sartha	1	Ward No.14	23°56'27"N 87°40'39"E	1.10	7361	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio Remediation	7361	Completed	Low land filling & used as soil enricher in cultivation	Cement Plumb of other status	Moderate Loss and other handling Loss	0.40	0.46	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
8	BIRBHUM	Suri	1	Dhanyam/UL, No. - 219	23°49'22"N 87°48'29"E	2.00	16828	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio Remediation	16828	Completed	Low land filling & used as soil enricher in cultivation	Cement Plumb of other status	Moderate Loss and other handling Loss	0.60	1.05	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
9	COOCH BEHAR	Cooch Behar	1	Churamati	26°29'12"N 91°46'25"E	6.25	6719.21	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio Remediation	6719	Completed	Low land filling & used as soil enricher in cultivation	Cement Plumb of other status	Moderate Loss and other handling Loss	2.30	4.08	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
10	COOCH BEHAR	Erinba	1	Buri durba	26°28'21"N 89°28'27"E	3.20	12432	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio Remediation	12432	Completed	Low land filling & used as soil enricher in cultivation	Cement Plumb of other status	Moderate Loss and other handling Loss	1.20	0.77	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.

Phase - 1: Status of Bio-mixing and Bio-Remediation of Legacy Waste of the UI Be of West Bengal where the Processing work has been initiated upto November, 2024

Sl No	(i) District	UIB	(ii) Legacy waste Site			(iii) Composition of the Waste					(iv) Process adopted at each site	Quantity of paper waste processed upto (MT)	(v) Estimated (Completed) at each site	(vi) Final Destination of the Components at (iv)			Area reclaimed in Acre	Estimated Budget (Rs. in Crore)	Action plan to remediate and recover the sites		
			No. of Legacy waste sites	Location of site	GIS coordinate (Lat & Long)	(iib) Area of Dump site in acre	(i) Inert (%)	(ii) Concrete (%)	(iii) Compost organic (%)	(iv) EDP Plastic (%)				(v) If any Other material (%)	(i) Inert (%)	(ii) Compost organic (%)				(iii) EDP Plastic (%)	(iv) If any Other material (%)
25	HOWRAH	Underbarra	2	Bardola Ward No. 31 (Bardola NH 6) Ward No. 4, Barra	22.673306 N 88.029627E 22.673306 N 88.029627E	4.50	28794	35-45 %	30-40 %	5-15 %	10-20 %	Bio-mixing and Bio-Remediation	28794	Completed	Low land filling & use as soil enricher in cultivation	Compost (F)	EDP Plastic	Mixture Loss and other handling Loss	3.00	1.80	1st Phase of Bio-mixing and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mixed and Bio-remediated at 2nd Phase.
26	HOWRAH	Bally	1	Chandernani	22.436698 N 88.341979E	3.00	170000	35-45 %	30-40 %	5-15 %	10-20 %	Bio-mixing and Bio-Remediation	60318	Dec-25	Low land filling & use as soil enricher in cultivation	Compost (F)	EDP Plastic	Mixture Loss and other handling Loss	0.00	2.32	1st Phase of Bio-mixing and Bio-remediation of the assessed quantity of Legacy Waste is in progress which will be completed at per time line mentioned. Further it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mixed and Bio-remediated at 2nd Phase.
27	HOWRAH	Howrah MC	1	Balghata	22.796378 N 88.173471E	21.99	940367	35-45 %	30-40 %	5-15 %	10-20 %	Bio-mixing and Bio-Remediation	3,00,14,362	Oct-28	Low land filling & use as soil enricher in cultivation	Compost (F)	EDP Plastic	Mixture Loss and other handling Loss	1.80	66.00	1st Phase of Bio-mixing and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mixed and Bio-remediated at 2nd Phase.
28	JALPAIGURI	Jalpaiguri	1	Palsapur	26.564206 N 88.796121E	2.50	25891.6	35-45 %	30-40 %	5-15 %	10-20 %	Bio-mixing and Bio-Remediation	25892	Completed	Low land filling & use as soil enricher in cultivation	Compost (F)	EDP Plastic	Mixture Loss and other handling Loss	2.50	1.61	1st Phase of Bio-mixing and Bio-remediation of the assessed quantity of Legacy Waste is in progress which will be completed at per time line mentioned. Further it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mixed and Bio-remediated at 2nd Phase.
29	JHARKHAND	Jhargram	1	Jhargram (New Land)	22.767676 N 86.582976E	12.00	3729	35-45 %	30-40 %	5-15 %	10-20 %	Bio-mixing and Bio-Remediation	3729	Completed	Low land filling & use as soil enricher in cultivation	Compost (F)	EDP Plastic	Mixture Loss and other handling Loss	12.00	0.20	1st Phase of Bio-mixing and Bio-remediation of the assessed quantity of Legacy Waste has been completed.
30	KOLKATA	Kolkata MC	2	Chandernani	22.518319 N 88.291516E	19.77	1500000	35-45 %	30-40 %	5-15 %	10-20 %	Bio-mixing and Bio-Remediation	10000	Dec-25	Low land filling & use as soil enricher in cultivation	Compost (F)	EDP Plastic	Mixture Loss and other handling Loss	0.80	8.06	1st Phase of Bio-mixing and Bio-remediation of the assessed quantity of Legacy Waste is in progress which will be completed at per time line mentioned. Further it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mixed and Bio-remediated at 2nd Phase.
30	KOLKATA	Kolkata MC	2	DHAPA Under W-35 OF BR-VII/KSCC	22.723216 N 88.251746E	60.00	4000000	35-45 %	30-40 %	5-15 %	10-20 %	Bio-mixing and Bio-Remediation	1813000	Mar-26	Low land filling & use as soil enricher in cultivation	Compost (F)	EDP Plastic	Mixture Loss and other handling Loss	23.00	260.00	1st Phase of Bio-mixing and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mixed and Bio-remediated at 2nd Phase.
31	MAHARASHTRA	English Bazar	1	English Bazar (maza Road) (Khadakpur)	32.5459488 N 78.192797E	3.53	3350	35-45 %	30-40 %	5-15 %	10-20 %	Bio-mixing and Bio-Remediation	3350	Completed	Low land filling & use as soil enricher in cultivation	Compost (F)	EDP Plastic	Mixture Loss and other handling Loss	0.52	0.76	1st Phase of Bio-mixing and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mixed and Bio-remediated at 2nd Phase.
32	MURSHIDABAD	Bhatnagar	1	Bhatnagar (Khadakpur)	32.5459488 N 78.192797E	2.16	123981	35-45 %	30-40 %	5-15 %	10-20 %	Bio-mixing and Bio-Remediation	123981	Completed	Low land filling & use as soil enricher in cultivation	Compost (F)	EDP Plastic	Mixture Loss and other handling Loss	1.00	8.27	1st Phase of Bio-mixing and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mixed and Bio-remediated at 2nd Phase.

Phase - 1: Status of Bio-mining and Bio - Remediation of Legacy Waste of the ULBs of West Bengal where the Processing work has been initiated upto November, 2024

Sl No	District	ULB	No. of Legacy waste sites	Location of site	GPS coordinate (Lat & Long)	Area of Dump Site in acre	Quantity of Waste in each site (MT)	(v) Composition of the Waste				(vi) Process adopted to remediate the site	Quantity of Legacy waste site (MT)	(vii) Timeline to process at each site	(viii) Final Disposition of the Components at (v)				Area reclaimed in Acre	Estimated Budget (Rs. in Crore)	Action plan to remediate and recover the sites			
								Inert (%)	Compost organic (%)	RDF Plastic (%)	Heavy metal (%)				Inert (%)	Compost organic (%)	RDF Plastic (%)	Heavy metal (%)						
33	MURSHIDABAD	Jangpur	1	Agarpara near Kullajpur	24°28'0.79" N 88°37'17.75" E	0.28	3211	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	331	Completed	Low land filling	Low land used as soil enricher in cultivation	Compost (%)	RDF (%)	Plastic (%)	Heavy metal (%)	Medium Loss and other handling Loss	0.10	0.20	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
34	MURSHIDABAD	Jangpur-Adampur	1	Chouramat (Varnandi Side)	24°14'14.8" N 88°35'36.8" E	3.00	19426	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	19426	Completed	Low land filling	Low land used as soil enricher in cultivation	Compost (%)	RDF (%)	Plastic (%)	Heavy metal (%)	Medium Loss and other handling Loss	1.00	1.20	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
35	NADIA	Birgaon	1	Mahabubpur	23°28'03.5" N 88°58'03.5" E	3.00	6799	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	6799	Completed	Low land filling	Low land used as soil enricher in cultivation	Compost (%)	RDF (%)	Plastic (%)	Heavy metal (%)	Medium Loss and other handling Loss	3.00	0.35	Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed.
36	NADIA	Gopeshpur	2	1) Near VS Club Ward No-6 Near SIFC Training Centre, Ward No-15	22°35'31.9" N 88°12'21.3" E 22°35'32.2" N 88°12'29.7" E	5.00	12665	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	12665	Completed	Low land filling	Low land used as soil enricher in cultivation	Compost (%)	RDF (%)	Plastic (%)	Heavy metal (%)	Medium Loss and other handling Loss	1.00	0.64	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
38	NADIA	Koljoni	2	Near Kukuljopura Ward No-6 Near highway, Ward No-10	21°46'06.3" N 88°03'04.7" E 21°46'06.3" N 88°43'04.7" E	2.1 1.4	60543	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	60543	Completed	Low land filling	Low land used as soil enricher in cultivation	Compost (%)	RDF (%)	Plastic (%)	Heavy metal (%)	Medium Loss and other handling Loss	1.20	3.11	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
39	NADIA	Keshanagar	1	Chakalanga Ward-3	23°48'23.4" N 88°11'26.9" E	8.00	21802	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	21802	Completed	Low land filling	Low land used as soil enricher in cultivation	Compost (%)	RDF (%)	Plastic (%)	Heavy metal (%)	Medium Loss and other handling Loss	3.00	3.36	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
40	NADIA	Sahadpur	1	Near Haldighat, Ward No-1	23°41'30.86" N 88°59'27.86" E	12.35	83900	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	83900	Completed	Low land filling	Low land used as soil enricher in cultivation	Compost (%)	RDF (%)	Plastic (%)	Heavy metal (%)	Medium Loss and other handling Loss	5.00	5.14	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
41	NADIA	Ranghat	1	Asutia, CP	23°28'03.8" N 88°58'03.8" E	6.31	45774	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	45774	Completed	Low land filling	Low land used as soil enricher in cultivation	Compost (%)	RDF (%)	Plastic (%)	Heavy metal (%)	Medium Loss and other handling Loss	3.36	3.34	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.

Phase - 1: Status of Bio-mining and Bio-Remediation of Legacy Waste of the UBs of West Bengal where the Processing work has been initiated upon November, 2024

SI No	District	ULB	(ii) Legacy waste Site				(iii) Composition of the Waste				Process adopted for remediation at each site	Quantity of legacy waste processed upto (MT)	Status of the site	(iv) Final Destination of the Composites (U)				Area Reclaimed in Acre	Estimated Budget (Rs. in Crore)	Action plan to remediate and recover the sites	
			No. of Legacy waste sites	Location of site	GIS coordinates (Lat & Long)	Area of Site in acre	Quantum of Waste in each site (MT)	Inert (%)	Compost (%)	RPF (%)				Other material (%)	Class (e)	Class (e)	Class (e)				Class (e)
42	MADIA	Santipur	1	Moglar math, Ward No. - 10	23.90021° N 88.41034° E	4.55	22097	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	22097	Completed	Low land filling	Low land used as soil enricher of other states	Current Plans of other states	Moderate Loss and other handling Loss	2.30	1.43	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
43	MADIA	Talcherpur	1	Cremation Ground Road, Ward No.1	23.79607° N 88.57984° E	1.25	6119	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	6119	Completed	Low land filling	Low land used as soil enricher of other states	Current Plans of other states	Moderate Loss and other handling Loss	0.50	0.31	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
44	MADIA	Chakrabah	1	Ward No.-19	23.60612° N 88.51798° E	5.00	19428	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	19428	Completed	Low land filling	Low land used as soil enricher of other states	Current Plans of other states	Moderate Loss and other handling Loss	5.00	1.02	Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed.
45	NORTH 24-PURBANGMA	Buruaat	1	Kodurabogochi	22.76839° N 88.51908° E	3.50	62966.535	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	62967	Completed	Low land filling	Low land used as soil enricher of other states	Current Plans of other states	Moderate Loss and other handling Loss	3.50	3.71	Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed.
46	NORTH 24-PURBANGMA	Barrackpore	1	Kolkata Road	22.46824° N 88.38127° E	5.00	72545	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	72546	Completed	Low land filling	Low land used as soil enricher of other states	Current Plans of other states	Moderate Loss and other handling Loss	3.00	4.73	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
47	NORTH 24-PURBANGMA	Banhat	1	Ward 8	22.65347° N 88.67249° E	4.00	24270.065	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	24271	Completed	Low land filling	Low land used as soil enricher of other states	Current Plans of other states	Moderate Loss and other handling Loss	4.00	1.15	Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed.
48	NORTH 24-PURBANGMA	Bongson	1	Boakle Indira Park, Ward No.- 19, Opposite Truck Parking lot	24°14.13' N 88°30.14' E	2.26	2013	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	2013	Completed	Low land filling	Low land used as soil enricher of other states	Current Plans of other states	Moderate Loss and other handling Loss	1.20	0.44	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
49	NORTH 24-PURBANGMA	Habra	1	Near Banipur Home, Ward No.- 3	22.81984° N 88.68282° E	1.20	9438.1	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	9438	Completed	Low land filling	Low land used as soil enricher of other states	Current Plans of other states	Moderate Loss and other handling Loss	0.98	0.51	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
50	NORTH 24-PURBANGMA	Kandarpura	1	Bhishampally	23.4139386° N 88.582769° E	3.00	24282	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	24282	Completed	Low land filling	Low land used as soil enricher of other states	Current Plans of other states	Moderate Loss and other handling Loss	1.20	1.58	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
51	NORTH 24-PURBANGMA	Khardah	1	Buwalasempur	22°54.0714' N 88°39.0791' E	2.25	44118	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	44118	Completed	Low land filling	Low land used as soil enricher of other states	Current Plans of other states	Moderate Loss and other handling Loss	1.00	2.99	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.

Phase - I: Status of Bio-mining and Bio - Remediation of Legacy Waste of the ULBs of West Bengal where the Processing work has been initiated upto November 2024

Sl No	District	ULB	(i) Legacy waste Site				(ii) Composition of the Waste					Process adopted at site	Quantity of legacy waste processed upto MTI	(iii) Final Destination of the Components at (i)					Area Reclaimed in Acre	Estimated Budget (Rs. in Crore)	Action plan to remediate and recover the sites
			No. of Legacy waste sites	Location of site	GPS coordinate (Lat & Long)	Area of Dump Site in acre	Quantity of Waste in MTI	Iron (%)	Carbonic (%)	RDI (%)	If any Other material (%)			Process adopted at site	Quantity of legacy waste processed upto MTI	Use (%)	Compost (%)	RDI (%)			
65	NORTH 24-PARSONAS	Kamarkhat	1	Mangal Jirna Pipli, Kamarkhat	23.679490N, 86.377940E	8.00	32000	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	32000	Completed	Low land filling	Low land filling & used as soil enricher in cultivation	Compost Plants of other states	Moderate Loss handling Loss	0.50	2.08	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
66	NORTH 24-PARSONAS	Nahbat	3	Adapt Paterson Chughtal W.No. 14, Nahbat	22.972020N, 88.410584E	23.94	300000	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	300000	Completed	Low land filling	Low land filling & used as soil enricher in cultivation	Compost Plants of other states	Moderate Loss and other handling Loss	15.00	16.80	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
67	NORTH 24-PARSONAS	Ashoknagar-Kalyangarh	1	Ward 27 Beatala Nabha-Habra Road	22.507217° N, 88.35448° E	21.49	81388	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	86514	Completed	Low land filling	Low land filling & used as soil enricher in cultivation	Compost Plants of other states	Moderate Loss and other handling Loss	6.13	3.62	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste is in progress which will be completed as per time line mentioned.
68	NORTH 24-PARSONAS	Cokhacherra	1	Ward 3, near Bhuban bridge	22.53397° N, 88.84297° E	4.00	19298	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	12899	Completed	Low land filling	Low land filling & used as soil enricher in cultivation	Compost Plants of other states	Moderate Loss and other handling Loss	3.59	0.87	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste is in progress which will be completed as per time line mentioned.
69	PASCHIM BARDHAMAN	Asansol MC	5	a. Asansol- Kalipahar, Bhangpur, c. Bangpur Road, d. Jannara -8 No. 4, Kandi -11d. Piyasa, e. 23, 703844 7996, 85330 07E	23.618345° N, 87.77° E, b. 23.61219° N, 86.5397907E, c. 23.618484° N, 87.123207714° E, d. 23.707714° N, 87.9270742° E, e. 23.703844° N, 87.9648330° 07E	36.95	1100000	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	438000	Completed	Low land filling	Low land filling & used as soil enricher in cultivation	Compost Plants of other states	Moderate Loss and other handling Loss	11.00	46.64	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
70	PASCHIM BARDHAMAN	Durgapur MC	1	Sankarpur	23.530879° N, 87.3503807E	6.60	300000	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	300000	Completed	Low land filling	Low land filling & used as soil enricher in cultivation	Compost Plants of other states	Moderate Loss and other handling Loss	3.00	12.45	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
71	PASCHIM MEDINIPUR	Chinal	1	Ayoga Shyamspur II	22.663829° N, 87.221899° E	1.25	1603840	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	1603840	Completed	Low land filling	Low land filling & used as soil enricher in cultivation	Compost Plants of other states	Moderate Loss and other handling Loss	0.50	0.77	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
72	PASCHIM MEDINIPUR	Khatengpur	1	Hindal, Ward No. -32	22.321850° N, 87.280377E	1.50	2999551	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	2999551	Completed	Low land filling	Low land filling & used as soil enricher in cultivation	Compost Plants of other states	Moderate Loss and other handling Loss	1.50	1.65	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
73	PASCHIM MEDINIPUR	Khatengpur	1	Imdadnaga	22.70606° N, 87.453097E	2.00	69234	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	692	Completed	Low land filling	Low land filling & used as soil enricher in cultivation	Compost Plants of other states	Moderate Loss and other handling Loss	1.00	0.21	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.

Phase - I: Status of Bio-mining and Bio - Remediation of Legacy Waste of the ULBs of West Bengal where the Processing work has been initiated upon November,2024

SI No	(i) District	ULB	(ii) Legacy waste Site			CRS coordinate (Lat & Long)	Area of Dump Site in acre	(iv) Quantity of Waste in each site (MT)	(v) Composition of the Waste					(vi) Process adopted at each site	Quantity of Legacy waste upon (MT)	(vii) Treatment process at site	(viii) Final Destination of the Compost etc (v)					Area Reclaimed in Acre	Estimated Budget (Rs. in Crore)	Action plan to revitalize and recover the sites
			No of Legacy waste sites	Location of site	CRS coordinate (Lat & Long)				Test (%)	Compost (%)	ROF Plank (%)	Heavy Other material (%)	Test (%)				Test (%)	Compost (%)	ROF (%)	If any Other material (%)				
74	PASCHIM MEDINIPUR	Madanpore	1	Dhama Dhaning Ground, Houshad Mouza	22.4172° N 87.3095° E	4.00	168814.31	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	168814	Completed	Low land used as soil enricher in cultivation	Low land filling & used as soil enricher of other states	Current Plank of other states	Medium Loss and other handling Loss	1.30	8.90	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.			
75	PASCHIM MEDINIPUR	Chandrakona	1	Rangee, Ward No -02	22.1719° N 88.3006° E	2.00	49902	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	49902	Completed	Low land used as soil enricher in cultivation	Low land filling & used as soil enricher of other states	Current Plank of other states	Medium Loss and other handling Loss	1.20	2.15	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.			
76	PASCHIM MEDINIPUR	Khasar	2	Khasar Bypass Road	10.59328° N 76.64634° E 10.59328° N 76.64634° E	0.27	2044	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	2044	Completed	Low land used as soil enricher in cultivation	Low land filling & used as soil enricher of other states	Current Plank of other states	Medium Loss and other handling Loss	0.30	0.11	Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed.			
77	PASCHIM MEDINIPUR	Kamajitpur	1	Bypass Road	22.143006° N 87.2973° E	0.20	4611	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	4611	Completed	Low land used as soil enricher in cultivation	Low land filling & used as soil enricher of other states	Current Plank of other states	Medium Loss and other handling Loss	0.10	0.26	Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed.			
78	PURBA BARDHAMAN	Bardhaman	1	Karphagan	25°41'6.5" N 87°17'21"E	6.83	138225	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	138225	Completed	Low land used as soil enricher in cultivation	Low land filling & used as soil enricher of other states	Current Plank of other states	Medium Loss and other handling Loss	1.20	10.13	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.			
79	PURBA BARDHAMAN	Ganbarua	1	Rasari Kallada	21.48924° N 87.4667° E	2.00	7285	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	7285	Completed	Low land used as soil enricher in cultivation	Low land filling & used as soil enricher of other states	Current Plank of other states	Medium Loss and other handling Loss	0.30	0.41	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.			
80	PURBA BARDHAMAN	Kalima	1	Bede Kalia Kali Suburb, Madanpur Cantonment, Garia, Ambher Kalna	23.21381° N 88.33334° E	3.30	36830	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	36830	Completed	Low land used as soil enricher in cultivation	Low land filling & used as soil enricher of other states	Current Plank of other states	Medium Loss and other handling Loss	0.50	2.33	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.			
81	PURBA BARDHAMAN	Kanoo	1	Sadhana Para, W-12	22.71923° N 86.30046° E	2	3855	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	3855	Completed	Low land used as soil enricher in cultivation	Low land filling & used as soil enricher of other states	Current Plank of other states	Medium Loss and other handling Loss	1.00	0.30	Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed.			
82	PURBA BARDHAMAN	Mohari	1	Lock gate, Nandipur Bridge, Mohari Baraman	Lock gate, Nandipur Bridge	2.50	38551	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	38551	Completed	Low land used as soil enricher in cultivation	Low land filling & used as soil enricher of other states	Current Plank of other states	Medium Loss and other handling Loss	1.15	2.83	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.			
83	PURBA MIDNAPUR	Egra	1	Ramchandrapur	22°23'58.84" N 87°51'19.19" E	0.23	2122.51	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	2122.51	Completed	Low land used as soil enricher in cultivation	Low land filling & used as soil enricher of other states	Current Plank of other states	Medium Loss and other handling Loss	0.12	0.10	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.			

Phase - 1: Status of Bio-mining and Bio-Remediation of Legacy Waste of the ULBs of West Bengal where the Processing work has been initiated upto November, 2024

Sl No	(i) District	ULB	(ii) Legacy waste sites	GTS coordinate (Lat & Long)	(iii) Area of Dump Site in acre	(iv) Quantity of Waste in MT	(v) Composition of the Waste					(vi) Process adopted at each site	(vii) Quantity of legacy waste processed upto (MT)	(viii) Timeline to process legacy waste site	(ix) Final destination of the Compost at (v)	Area Reclaimed in Acre	Estimated Budgets in Crores	Action plan to remediate and restore the sites	
							Moisture (%)	Compost (%)	RDF (%)	If any Other material (%)	Clear cut								Clear cut
84	PURBA MIDNAPORE	Paschura	1	22°23'35.04" N 87°42'14.17" E	1.28	667.3	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	667	Complete	Low land used as soil enrichment in cultivation	Compost Plants of other states	Moisture Loss and other handling Loss	1.20	0.47	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
85	PURBA MIDNAPORE	Tanraipara	1	22°16'00" N 87°35'48"E	0.49	2386.48	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	2386	Complete	Low land used as soil enrichment in cultivation	Compost Plants of other states	Moisture Loss and other handling Loss	0.20	1.07	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
86	PURBA MIDNAPORE	Central	1	21°16'42.34" N 87°10'40"E	4.50	6285	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	6285	Complete	Low land used as soil enrichment in cultivation	Compost Plants of other states	Moisture Loss and other handling Loss	2.00	3.28	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
87	PURBULIA	Purnulia	3	23°32'55" N 86°43'09" E 23°30'27" N 86°38'47" E 23°30'00" N 86°40'27" E	10.63	7735	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	7735	Complete	Low land used as soil enrichment in cultivation	Compost Plants of other states	Moisture Loss and other handling Loss	4.00	4.97	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
88	PURBULIA	Sagpurnatipu	3	23°32'09" N 86°42'06" E 23°32'22" N 86°42'06" E 23°32'28" N 86°42'06" E	1.81	8301	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	8301	Complete	Low land used as soil enrichment in cultivation	Compost Plants of other states	Moisture Loss and other handling Loss	0.50	0.53	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
89	PURBULIA	Jhalka	3	23°30'19" N 86°41'57" E 23°32'79" N 86°41'57" E 23°34'05" N 86°41'57" E	2.00	1018.43	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	1018	Complete	Low land used as soil enrichment in cultivation	Compost Plants of other states	Moisture Loss and other handling Loss	0.50	0.92	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
90	SOUTH 24 PARGANNAS	Bardhamur	1	22°20'18" N 88°25'49" E	2.30	19685	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	19685	Complete	Low land used as soil enrichment in cultivation	Compost Plants of other states	Moisture Loss and other handling Loss	1.20	1.10	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
91	SOUTH 24 PARGANNAS	Dudge Dudge	1	22°42'35" N 88°18'07" E	3.48	20721	35-45%	30-40%	5-15%	10-20%	Bio-mining and Bio-Remediation	20721	Complete	Low land used as soil enrichment in cultivation	Compost Plants of other states	Moisture Loss and other handling Loss	2.20	1.32	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase processing the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.

Phase - I: Status of Bio-mining and Bio-Remediation of Legacy Waste of the UIBs of West Bengal where the Processing work has been initiated upto November, 2024

Sl No	District	UIB	(i) Legacy waste Site			(ii) Composition of the Waste					(v) Process adopted at each site	(vi) Quantity of legacy waste processed upto (MT)	(vii) Final Destination of the Constituents at (v)	Area Reclaimed in Acres	Estimated Budget (Rs. in Crore)	Action plan to remediate and recover the sites	
			No. of Legacy waste sites	Location of the Site	CIR (Lat & Long)	Area of Dump Site in acre	Quantity of Waste in (MT)	Inert (%)	Compost (%)	RDF (%)							If any Other material (%)
92	SOUTH 24-PARADIGMS	Diamond Harbour	1	Edouardpur, Beside NH1717 (Phase-1/2nd)	22°18'17"N 88°15'44"E	2.00	9421.092	35-45 %	30-40 %	5-15 %	10-20 %	Biomining and Bio-Remediation	9421	Complete Low land filling & used as soil embankment for cultivation	0.59	0.59	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase preceding the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
91	SOUTH 24-PARADIGMS	Jaynagar-Mazipur	1	Shalabpur	22°10'07"N 88°59'27"E	4.00	1379	35-45 %	30-40 %	5-15 %	10-20 %	Biomining and Bio-Remediation	1379	Complete Low land filling & used as soil embankment for cultivation	1.00	0.87	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase preceding the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
94	SOUTH 24-PARADIGMS	Medinichala	1	Srangshala, Ward No.-20	22°02'10"N 86°30'56"E	19.61	230517	35-45 %	30-40 %	5-15 %	10-20 %	Biomining and Bio-Remediation	230517	Complete Low land filling & used as soil embankment for cultivation	4.00	14.84	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase preceding the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
95	SOUTH 24-PARADIGMS	Rajpur-Sourpur	1	Kalipara	22°25'04"N 87°25'37"E	10.00	18511329	35-45 %	30-40 %	5-15 %	10-20 %	Biomining and Bio-Remediation	18511	Complete Low land filling & used as soil embankment for cultivation	2.00	1.95	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase preceding the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
96	UTTAR DINAKPUR	Dalibhola	1	Udar Dalibhola	25°39'16.6"N 87°09'26.1"E	0.68	7255	35-45 %	30-40 %	5-15 %	10-20 %	Biomining and Bio-Remediation	7255	Complete Low land filling & used as soil embankment for cultivation	0.68	0.45	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase preceding the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
97	UTTAR DINAKPUR	Kahampur	1	Semalibhola Gram Panchayat, Tranching, Gramod, Ward No.-9	26°15'23.5"N 88°17'13.1"E	0.17	1469	35-45 %	30-40 %	5-15 %	10-20 %	Biomining and Bio-Remediation	1469	Complete Low land filling & used as soil embankment for cultivation	0.10	0.09	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase preceding the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
98	UTTAR DINAKPUR	Kaliganj	1	Masaldipour, Ward No.-17	25°35'26.6"N 87°15'26.6"E	2.94	28144	35-45 %	30-40 %	5-15 %	10-20 %	Biomining and Bio-Remediation	28144	Complete Low land filling & used as soil embankment for cultivation	1.00	1.75	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase preceding the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
99	UTTAR DINAKPUR	Rajganj	1	Bandar Saban, Ward No.-22	25°39'51"N 88°7'04"E	3.00	34420.02	35-45 %	30-40 %	5-15 %	10-20 %	Biomining and Bio-Remediation	34420	Complete Low land filling & used as soil embankment for cultivation	1.00	2.36	1st Phase of Bio-mining and Bio-remediation of the assessed quantity of Legacy Waste has been completed. But it has been observed during the period of 1st phase preceding the incoming regular fresh waste has been converted to Legacy Waste, which will be Bio-mined and Bio-remediated at 2nd Phase.
			Total =			1199	430	1,32,47,035				79,60,076		363	779		

Phase - I : Status of Bio-mining and Bio - Remediation of Legacy Waste of the ULBs of West Bengal where the Processing work to be initiated upto November, 2024

Sl No	(i) District	ULB	(ii) Legacy waste Site			Area of Dump Site in acre	Quantity of waste in each site (MT)	(iii) Composition of the Waste					Process adopted at each site	Quantity of legacy waste processed upto (MT)	(iv) Timeline to process waste at each site	(v) Final Destination of the				Estimated Budget (Rs. in Crore)	Action plan to remediate and recover the sites
			No. of Legacy waste sites	Location of site	GPS coordinate (Lat & Long)			Inert (%)	Compost (%)	RDF (%)	Plastic (%)	Other material (%)				Inert (%)	Compost (%)	Plastic (%)	Other material (%)		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
1	BIRBHUM	Nabard	1	Khatpur	24.30659°N 87.825431°E	5.00	5600	-	-	-	-	Biomining and Bio Remediation	-	Sep-25	-	-	-	-	3.08	Previously tender was floated for biomining or bioremediation of legacy waste but cancelled as there was no response. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.	
2	DARJEELING	Darjeeling	1	Darjeeling (Near Gachas Road and Victoria Road)	27° 27'26.60"N 88°15'33.00"E	3.33	Assessment could not be done due to high hill slope.	-	-	-	-	Biomining and Bio Remediation	-	Mar-26	-	-	-	-	-	As the site is in high hill slope, so assessing the quantity of Legacy Waste is very difficult. It was decided that after installation of fresh waste processing units the Legacy waste will be collected in phased manner and to be processed with the fresh waste.	
3	DARJEELING	Kurseong	1	Kurseong (Down Hill from Parkchukur Road)	26°51'53.20"N 88°15'56.05"E	3.00	Assessment could not be done due to high hill slope.	-	-	-	-	Biomining and Bio Remediation	-	Mar-26	-	-	-	-	-	As the site is in high hill slope, so assessing the quantity of Legacy Waste is very difficult. It was decided that after installation of fresh waste processing units the Legacy waste will be collected in phased manner and to be processed with the fresh waste.	
4	DARJEELING	Mirik	1	Mirik, Northel Area (Near DP Rai Road)	26° 52' 59.28"N 88° 10' 12.39"E	4.00	Assessment could not be done due to high hill slope.	-	-	-	-	Biomining and Bio Remediation	-	Mar-26	-	-	-	-	-	As the site is in high hill slope, so assessing the quantity of Legacy Waste is very difficult. It was decided that after installation of fresh waste processing units the Legacy waste will be collected in phased manner and to be processed with the fresh waste.	
5	KALIMPONG	Kalimpang	1	Kalimpang (Near Bhadulpur/Kalimpang Hill)	27° 52'4.23"N 88°28'39.82"E	8.25	Assessment could not be done due to high hill slope.	-	-	-	-	Biomining and Bio Remediation	-	Mar-26	-	-	-	-	16.50	Previously tender was floated for biomining or bioremediation of legacy waste but cancelled as there was no response. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.	
6	HOOCHLY	Bhadrabar	1	Samra, colony, N S Road.	22.834138°N 86.549175°E	0.42	33000	-	-	-	-	Biomining and Bio Remediation	-	Dec-25	-	-	-	-	2.4	Previously tender was floated for biomining or bioremediation of legacy waste but cancelled as there was no response. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.	
7	HOOCHLY	Dankuni	1	Beate Parkapur Road, Ramnagar (panchayet Area)	22°40'31".N, 89°13'55".E	2.40	48078	-	-	-	-	Biomining and Bio Remediation	-	Mar-25	-	-	-	-	-	Previously tender was floated for biomining or bioremediation of legacy waste but cancelled as there was no response. It is observed that during this period the incoming regular fresh waste accumulated has been converted in Legacy Waste, as a result quantity of Legacy Waste raised. Now further assessment of Legacy Waste is under process. Expected date of completion of Processing will be as per timeline mentioned.	
8	HOOCHLY	Bardaha	2	Ward no. 8 & 18	22° 57'45.1" N 88° 23'45.5" E	2.29	47000	-	-	-	-	Biomining and Bio Remediation	-	Sep-25	-	-	-	-	-	Previously tender was floated for biomining or bioremediation of legacy waste but cancelled as there was no response. It is observed that during this period the incoming regular fresh waste accumulated has been converted in Legacy Waste, as a result quantity of Legacy Waste raised. Now further assessment of Legacy Waste is under process. Expected date of completion of Processing will be as per timeline mentioned.	
9	HOOCHLY	Arambha	1	Kolpur (ward No 6)	22.88825°N, 87.27548°E	1.20	37720	-	-	-	-	Biomining and Bio Remediation	-	Sep-25	-	-	-	-	-	Previously tender was floated for biomining or bioremediation of legacy waste but cancelled as there was no response. It is observed that during this period the incoming regular fresh waste accumulated has been converted in Legacy Waste, as a result quantity of Legacy Waste raised. Now further assessment of Legacy Waste is under process. Expected date of completion of Processing will be as per timeline mentioned.	

Phase - II : Status of Bio-mining and Bio - Remediation of further quantity of Legacy Waste accumulated in the dump sites of the ULBs of West Bengal, due to accumulation of regular fresh waste during the 1st phase of processing period which have turn to Legacy waste upto November,2024.

Sl No	(i) District	ULB	(ii) Legacy waste Site			(iii) Area of Dump Site in acre	(iv) Quantity of Waste in each site (MT)	(v) Composition of the Waste					(vi) Process adopted to waste processed at each site	(vii) Quantity of legacy waste processed upto (MT)	(viii) Timeline to process at each site	(ix) Final Destination of the			Remark	Action plan to remediate and recover the sites
			No. of Legacy waste sites	Location of site	GPS coordinate (Lat & Long)			Inert (%)	Construction Waste, Wood, Class etc)	Compost (%)	KDF (%)	Plastic				If any Other material	Final Destination of the	Compost (%)		
1	Birbhum	Duhrajpur	1	Mahaprabhu Gate	23.731967N 87.388599E	1.20	1,00,894	-	-	-	-	-	-	Dec-25	-	-	-	-	5.28	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.
2	Birbhum	Sambha	1	Ward No. H	23.56577N 87.40299E	1.10	67,000	-	-	-	-	-	-	Nov-25	-	-	-	-	3.69	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.
3	Coochbihar	Haldibari	1	DRDH	26°19'22.4"N 88°47'6.5"E	0.73	37,000	-	-	-	-	-	-	Jul-25	-	-	-	-	2.04	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further 2nd call floated. Expected date of completion of Processing will be as per timeline mentioned.
4	Coochbihar	Dumuria	1	Buri dhuria	26.8211°N 89.2902°E	1.20	25,000	-	-	-	-	-	-	Jul-25	-	-	-	-	1.38	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further 2nd call floated. Expected date of completion of Processing will be as per timeline mentioned.
5	Coochbihar	Mahabunga	2	Ward No.- 4 (behind Jangli Kalbari and Manasi River) & No.- 2, Ward No. 2, (Beside Manasi and Sutunga River)	26.2041°N 89.1379°E & 26.2017°N 89.1316°E	2.20	6,000	-	-	-	-	-	-	Mar-25	-	-	-	-	0.33	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further 2nd call floated. Expected date of completion of Processing will be as per timeline mentioned.
6	Coochbihar	Cooch Behar	1	Corahatti- II G.P	26.299124° N, 89.468202° E	6.75	1,26,000	-	-	-	-	-	-	Dec-25	-	-	-	-	6.93	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.
7	Coochbihar	Tulsianguri	1	Karnai Phansubari	26.1346°N 89.4014°E	2.70	13,000	-	-	-	-	-	-	Mar-25	-	-	-	-	0.72	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.

Phase - II : Status of Bio-mining and Bio - Remediation of further quantity of Legacy Waste accumulated in the dump sites of the ULBs of West Bengal, due to accumulation of regular fresh waste during the 1st phase of processing period which have turn to Legacy waste upto November,2024.

Sl No	(i) District	ULB	(ii) Legacy waste Site			(iii) Area of Dump Site in acre	(iv) Quantity of Waste in each site (MT)	(v) Composition of the Waste						(vi) Quantity of legacy waste processed at each site (MT)	(vii) Timeline in process at each site	(viii) Final Destination of the				Estimated Budget (Rs. In Crore)	Action plan to remediate and recover the sites
			No. of Legacy waste sites	Location of the site	GPS (Lat & Long)			Inert (%)	Compost (%)	RDF (%)	Plastic (%)	Other material (%)	Process adopted to waste at each site			Inert (%)	Compost (%)	RDF (%)	Plastic (%)		
8	Dakshin Dinajpur	Balrampur	1	5 no. Bhatpara, Durgul Under Bhatpara Gram panchayat	25.2052146°N 88.70702841°E	9.99	133,000	-	-	-	-	-	-	Mar-26	-	-	-	-	7.32	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tender floated. Expected date of completion of Processing will be as per timeline mentioned.	
9	Dakshin Dinajpur	Gangarampur	1	Narov Dampul 6 No. Andol, Gangarampur	25.402148°N, 88.552081°E	5.50	19,000	-	-	-	-	-	-	Mar-25	-	-	-	-	1.05	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering done & under valuation. Expected date of completion of Processing will be as per timeline mentioned.	
10	Darjeeling	Siliguri MC	1	Don Bosco colony	26.74683°N 88.48239°E	26.00	10,00,000	-	-	-	-	-	-	Dec-27	-	-	-	-	55.00	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering done & under evaluation. Expected date of completion of Processing will be as per timeline mentioned.	
11	Howrah	Udeshin	2	Bentaha, Ward No. 31 (Beside NH 6) & Ward No. 6, Bauria	22.478333°N 88.078462°E & 22.469437°N 88.169112°E	6.50	64,000	-	-	-	-	-	-	Sep-25	-	-	-	-	3.52	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering done & under evaluation. Expected date of completion of Processing will be as per timeline mentioned.	
12	KOLKATA	Kolkata MC	1	DHA'VA Under W-51 OF BK-VII/KMC	22°52'32.6"N 88°29'17.6"E	60.00	200,000	-	-	-	-	-	-	Mar-26	-	-	-	-	110.00	Tender will be floated shortly for bio-mining and bioremediation of this further quantity of legacy waste. Expected date of completion of Processing will be as per timeline mentioned.	
13	Malda	English Bazar	1	English Bazar (routa Bahadurpur)	24°54'59.18"N 88°6'57.87"E	3.52	1,16,000	-	-	-	-	-	-	Mar-26	-	-	-	-	8.03	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tender floated. Expected date of completion of Processing will be as per timeline mentioned.	
14	Malda	Old Malda	1	#N/A	#N/A	#N/A	24,000	-	-	-	-	-	-	Mar-25	-	-	-	-	1.32	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tender floated. Expected date of completion of Processing will be as per timeline mentioned.	
15	Murshidabad	Berhampore	1	Banajpore ring road	24°7'30"N 88°15'35"E	2.16	1,90,000	-	-	-	-	-	-	Jun-26	-	-	-	-	10.45	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tender floated & work order to be issued shortly. Expected date of completion of Processing will be as per timeline mentioned.	

Phase - II : Status of Bio-mining and Bio - Remediation of further quantity of Legacy Waste accumulated in the dump sites of the ULBs of West Bengal, due to accumulation of regular fresh waste during the 1st phase of processing period which have turn to Legacy waste upto November, 2024.

Sl No	(b) District	ULB	(ii) Legacy waste Site		(iii) Area of Dump Site in acre	(iv) Quantity of Waste in each site (MT)	(v) Composition of the Waste						(vi) Process adopted to process waste at each site	(vii) Final Destination of the	Remark	Action plan to remediate and recover the sites		
			No. of Legacy waste sites	Location of site			GPS coordinate (Lat & Long)	Inert (%)	Compos 1 (%)	RDF (%)	Other material (%)	Process adopted to process waste at each site					Quantity of legacy waste processed upto (MT)	Timeline to process at each site
16	Murshidabad	Bedanga	1	Bagdanga muth, Mouza- Maniknagar, JL no-54, P-5, Bedanga Dist- Murshidabad	23.93390N, 88.30373E	2.05	49,000	-	-	-	-	-	-	-	-	-	2.70	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.
17	Murshidabad	Jangpur	1	Azgarpara near Mithapur	24°28'43.79"N 88°3'10.75"E	0.28	35,000	-	-	-	-	-	-	-	-	-	1.93	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.
18	Murshidabad	Murshidabad	1	Kuligokh Bagum (ward no 15)	24°12'29.9" N 88°16'7.4" E	5.38	13,000	-	-	-	-	-	-	-	-	-	0.72	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.
19	Murshidabad	Jangpur- Azimganj	1	Choromad (Azimganj Sub)	24°14'14.8"N 88°15'56.8" E	3.07	38,000	-	-	-	-	-	-	-	-	-	2.09	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.
20	North 24 Pps	Baramagar																
21	North 24 Pps	Dum Dum	1	Dum Dum, Beside Belgoria Expressway	22.648657N, 88.397365E	22.68	11,00,000	-	-	-	-	-	-	-	-	-	49.50	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.
22	North 24 Pps	New Barrackpore																
23	North 24 Pps	North Dum Dum																
24	North 24 Pps	South Dum Dum																
25	North 24 Pps	Kamrathi	1	Malaguri Haria Pally, Kamrathi	22.679309N, 88.379746E	8.00	9,00,000	-	-	-	-	-	-	-	-	-	49.30	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.
26	North 24 Pps	Nahati	3	Along Paterson road, Chighat, W.No. 14, Nahati	22.697030N, 88.410584E	23.94	Assessment under process	-	-	-	-	-	-	-	-	-	5.89	After assessment of the quantity of legacy waste, tender will be floated shortly for bio-mining and bioremediation of this further quantity of legacy waste. Expected date of completion of Processing will be as per timeline mentioned.

Phase - II : Status of Bio-mining and Bio - Remediation of further quantity of Legacy Waste accumulated in the dump sites of the ULBs of West Bengal, due to accumulation of regular fresh waste during the 1st phase of processing period which have turn to Legacy waste upto November,2024.

Sl No.	(i) District	ULB	(ii) Legacy waste Site			(iii) Area of Dump Site in acre	(iv) Quantity of Waste in each site (MT)	(v) Composition of the Waste					(vi) Process adopted to remediate at each site	(vii) Quantity of legacy waste processed upto (MT)	(viii) Timeline to process at each site	(ix) Final Destination of the				Earmarked Budget (Rs. In Crore)	Action plan to remediate and recover the sites
			No. of Legacy waste sites	Location of site	GPS coordinate (Lat & Long)			Inert (%)	Construction Waste, Wood, Glass etc)	Compost (%)	RDF (%)	Plastic (%)				If any other material (%)	Inert (%)	Compost (%)	RDF (%)		
27	Paschim Burdwan	Durgapur MC	1	Sanharpur	23.530829°N 87.586380°E	11.00	6,00,000	-	-	-	-	-	-	-	Dec-26	-	-	-	-	33.00	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tender floated. Expected date of completion of Processing will be as per timeline mentioned.
28	Paschim Medinipur	Midnapur	1	Dharma Dumping Ground, Homnoid Muzra	22.421732°N 87.340956°E	6.38	2,30,000	-	-	-	-	-	-	-	Mar-26	-	-	-	-	12.65	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.
29	Paschim Medinipur	Chandrobana	1	Kansagar, W. in 2, Chandrobana	22.7191° N, 88.3809° E	2.00	13,000	-	-	-	-	-	-	-	Mar-25	-	-	-	-	0.22	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.
30	Paschim Medinipur	Chatal	1	Angura Shivapur	22.663627°N 87.724196°E	1.25	27,000	-	-	-	-	-	-	-	Mar-25	-	-	-	-	1.49	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.
31	Paschim Medinipur	Kinrpal	1	Bhardanga	22.206906°N 87.615709°E	2.00	5,000	-	-	-	-	-	-	-	Mar-25	-	-	-	-	0.28	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.
32	Purba Burdwan	Burdwan	1	Kapilagan, Bakantapur-1 CP	25°14'16.5" N 87°51'7.3" E	6.85	3,40,000	-	-	-	-	-	-	-	Jun-26	-	-	-	-	21.45	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tender floated & work order issued to the agency. Expected date of completion of Processing will be as per timeline mentioned.
33	Purba Burdwan	Guskaia	1	Guskaia Kasant Kalibala, W.No. 4, Guskaia, Burdwan	23.498047, 87.746647	2.00	45,000	-	-	-	-	-	-	-	Jun-25	-	-	-	-	2.48	Tender was floated for bio-mining and bioremediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.

Phase - II : Status of Bio-mining and Bio - Remediation of further quantity of Legacy Waste accumulated in the dump sites of ULBs of West Bengal, due to accumulation of regular fresh waste during the 1st phase of processing period which have turn to Legacy waste upto November, 2024.

Sl No	(i) District	ULB	(ii) Legacy waste Site			(iii) Area of Dump Site in acre	(iv) Quantity of Waste In each site (MT)	(v) Composition of the Waste					(vi) Process adopted to process residual waste at each site	(vii) Quantity of legacy waste processed upto (MT)	(viii) Timeline to process at each site	(ix) Final Destination of the				Remark	Action plan to remediate and recover the sites
			No. of legacy waste sites	Location of site	GPS coordinate (lat & Long)			Inert (%)	Compost RDE (%)	Plastic	If any other material (%)	Compost RDE (%)				Plastic	If any other material (%)				
34	Purba Bardwan	Kalna	1	Beside Kalna Rail Station, Kalyanpur Gram Panchayat, Anubha Kalna	23.113817°N 88.353044°E	3.33	58,000	-	-	-	-	-	-	Jun-25	-	-	-	-	3.19	Tender was floated for bio-mining and bio-remediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.	
35	Purba Bardwan	Memari	1	Lack gate, Nudupur Bridge Memari Bardwan	Lack gate, Nudupur Bridge	2.50	18,000	-	-	-	-	-	-	Mar-25	-	-	-	-	0.99	Tender was floated for bio-mining and bio-remediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.	
36	Purba Bardwan	Danabak	1	Ganga Bana, Ward-02	23.614199°N 88.17797°E	0.75	10,000	-	-	-	-	-	-	Mar-25	-	-	-	-	0.55	Tender was floated for bio-mining and bio-remediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.	
37	Purba Medinipur	Panskura	1	Panskura Railway Station	22°27'58.04"N 87°45'19.13"E	2.28	13,000	-	-	-	-	-	-	Mar-25	-	-	-	-	0.72	Tender was floated for bio-mining and bio-remediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.	
38	Purba Medinipur	Tamalpa	1	Mahabari Ward - 18	22°16'09"N 87°55'48"E	0.49	18,000	-	-	-	-	-	-	Mar-25	-	-	-	-	0.99	Tender was floated for bio-mining and bio-remediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.	
39	Purulia	Purulia	3	a.Chhara, b.Banga Bari Sansan, c.Humura	a.23.37334°N 86.42805°E, b.23.31977°N 86.38601°E, c.23.3495°N 86.4927°E	10.83	80,000	-	-	-	-	-	-	Dec-25	-	-	-	-	4.40	Tender was floated for bio-mining and bio-remediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.	
40	Purulia	Rajgunanpur	3	a.W-2 (Between Lohar & Mondal Petrol Pump), b.W-7 (Beside Ganga Kani Mandir), c.W-11 (Gadium More)	a.23.43709°N 86.6746°E, b.23.52727°N 86.6783°E, c.23.52287°N 86.6763°E	1.00	11,000	-	-	-	-	-	-	Mar-25	-	-	-	-	0.61	Tender was floated for bio-mining and bio-remediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.	

Phase - II : Status of Bio-mining and Bio - Remediation of further quantity of Legacy Waste accumulated in the dump sites of the UIBs of West Bengal, due to accumulation of regular fresh waste during the 1st phase of processing period which have turn to Legacy waste upto November, 2024.

Sl No	(i) District	ULB	(ii) Legacy waste Site			(iii) Area of Dump Site in acre	(iv) Quantity of Waste in each site (MT)	(v) Composition of the Waste							Earmark Budget (Rs. In Crore)	Action plan to remediate and recover the sites				
			No. of Legacy waste sites	Location of site	GPS coordinate (Lat & Long)			Inert (%)	Compost (%)	RDF (%)	Plastic	If any other material	If any material	Process adopted to remediate at each site			Quantity of legacy waste processed upto (MT)	Timeline to process at each site	Inert (%)	Compost (%)
41	South 24 Pps	Barrpura	1	Kirtankhola	22°20'14"N 88°26'49"E	2.30	95,000	-	-	-	-	-	-	-	-	-	-	-	5.23	Tender was floated for bio-mining and bio-remediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tender floated and under evaluation. Expected date of completion of Processing will be as per timeline mentioned.
42	South 24 Pps	Diamond Harbour	1	Dokanphala, Beside NH 117 (Franchisee Area)	22°10'17"N 88°13'44"E	2.00	22,000	-	-	-	-	-	-	-	-	-	-	-	1.21	Tender was floated for bio-mining and bio-remediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tender floated and under evaluation. Expected date of completion of Processing will be as per timeline mentioned.
43	South 24 Pps	Jaynagar-Masripur	1	Jaynagar Janjala Road, (Franchisee Area)	22°10'58" N, 88°26'22" E	4.00	13,000	-	-	-	-	-	-	-	-	-	-	-	0.72	Tender was floated for bio-mining and bio-remediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tender floated and under evaluation. Expected date of completion of Processing will be as per timeline mentioned.
44	Uttar Dinajpur	Kalampur	1	Sonakhola Guruphasti Trenching Ground, Ward No. - 9	26°15'32.5"N 88°12'13.1"E	0.17	11,000	-	-	-	-	-	-	-	-	-	-	-	0.61	Tender was floated for bio-mining and bio-remediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.
45	Uttar Dinajpur	Kalagang	1	Mahadeipur, Ward No. - 17	25°38'25.6"N 88°18'26.6"E	2.84	15,000	-	-	-	-	-	-	-	-	-	-	-	0.33	Tender was floated for bio-mining and bio-remediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.
46	Uttar Dinajpur	Kaliganj	1	Bandar Sashan, Ward No. - 22	25°36'31"N 88°70'39"E	3.00	88,000	-	-	-	-	-	-	-	-	-	-	-	4.30	Tender was floated for bio-mining and bio-remediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.
47	Bankura	Bankura	1	Kosha Trenching Ground	23.562385°N 87.003389°E	16.53	1,67,000	-	-	-	-	-	-	-	-	-	-	-	-	Tender was floated for bio-mining and bio-remediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tender floated and under evaluation. Expected date of completion of Processing will be as per timeline mentioned.
48	Birbhum	Bolpur	1	Bolpur, Khoskadambarua, P. S. Bolpur, JL No. 95, P/No. No. 2590, 2703	23.672953°N, 87.2721413°E	3.33	1,08,870	-	-	-	-	-	-	-	-	-	-	-	-	Tender was floated for bio-mining and bio-remediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tender floated and under evaluation. Expected date of completion of Processing will be as per timeline mentioned.

Phase - II : Status of Bio-mining and Bio - Remediation of further quantity of Legacy Waste accumulated in the dump sites of the ULBs of West Bengal, due to accumulation of regular fresh waste during the 1st phase of processing period which have turn to Legacy waste upto November,2024.

Sl No	(i) District	ULB	(ii) Legacy waste Site			(iii) Area of Dump Site in acre	(iv) Quantity of Waste in each site (MT)	(v) Composition of the Waste				(vi) Process adopted to remediate at each site	(vii) Quantity of legacy waste processed upto (MT)	(viii) Timeline to process at each site	(ix) Final Destination of the				Remark	Action plan to remediate and recover the sites
			No of Legacy waste sites	Location of site	GPS coordinate (Lat & Long)			Inert (%)	Compost (%)	RDF (%)	If any other material (%)				Inert (%)	Compost (%)	RDF (%)	If any other material (%)		
56	North 24 Pgs	Habra	1	Near Banipur Home, Ward No- 3	22.818064°N 88.633827°E	1.20	Assessment under process	-	-	-	-	-	Dec-25	-	-	-	-	Tender was floated for bio-mining and bio-remediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.		
57	North 24 Pgs	Bongaon	1	Beside India Park, Ward No. - 19 (opposite truck Parking lot)	22°14'13"N 88°50'31.40"E	2.26	Assessment under process	-	-	-	-	-	Dec-25	-	-	-	-	Assessment of present further quantity of legacy waste, after finalization of the quantity tender will be floated. Expected date of completion of Processing will be as per timeline mentioned.		
58	North 24 Pgs	Taki	1	Mansing road	22.52782°N 88.93388°E	0.80	Assessment under process	-	-	-	-	-	Dec-25	-	-	-	-	Tender was floated for bio-mining and bio-remediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.		
59	Purba Bardhaman	Kanwa	1	Stadium Para, W- 12	22.719238°N 88.280498°E	2.00	17,640	-	-	-	-	-	Dec-25	-	-	-	-	Tender was floated for bio-mining and bio-remediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.		
60	Purba Medinipur	Conal	1	Conal Digha Road	21.765423°N 87.730407°E	4.59	76,400	-	-	-	-	-	Dec-25	-	-	-	-	Tender was floated for bio-mining and bio-remediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.		
61	Purba Medinipur	Egra	1	Kankirhinapur	22°23'56.04"N 87°45'19.13"E	0.32	36,840	-	-	-	-	-	Dec-25	-	-	-	-	Tender was floated for bio-mining and bio-remediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.		
62	South 24 Pgs	Budge Budge	1	Sukhas Udyan freckling ground Ward No. - 17	22.477357°N 88.18079°E	3.48	30,300	-	-	-	-	-	Dec-25	-	-	-	-	Tender was floated for bio-mining and bio-remediation of this further quantity of legacy waste but cancelled due to non-availability of sufficient no of qualified bidders as per procurement rules. Further tendering process is in progress. Expected date of completion of Processing will be as per timeline mentioned.		
63	Hoochly	Baldyabari																Assessment of present further quantity of legacy waste, after finalization of the quantity tender will be floated.		
64	Hoochly	Chandpady																Assessment of present further quantity of legacy waste, after finalization of the quantity tender will be floated.		
65	Hoochly	Rishra																Assessment of present further quantity of legacy waste, after finalization of the quantity tender will be floated.		

Phase - II : Status of Bio-mining and Bio - Remediation of further quantity of Legacy Waste accumulated in the dump sites of the ULBs of West Bengal, due to accumulation of regular fresh waste during the 1st phase of processing period which have turn to Legacy waste upto November, 2024.

Sl No	(i) District	ULB	(ii) Legacy waste Site			(iii) Area of Dump Site in acre	(iv) Quantity of Waste in each site (MT)	(v) Composition of the Waste					(vi) Process adopted to process waste at each site	(vii) Quantity of legacy waste processed upto (MT)	(viii) Timeline to process at each site	(ix) Final Destination of the Waste				Expenditure (Rs. In Crore)	Action plan to remediate and recover the sites
			No. of Legacy waste sites	Location of site	GPS coordinate (Lat & Long)			Inert (%)	Compost (%)	RDF (%)	Other material (%)	Plastic				If any adopted remedial process upto (MT)	Inert (%)	Compost (%)	RDF (%)		
78	Nadia	Krishnanagar	1	Codahanga Ward - 5	23.408240°N 88.3116297°E	5.00	Assessment under process	-	-	-	-	-	-	-	Dec-25	-	-	-	-	6.44	Tender will be floated shortly for bio-mining and bio-remediation of this further quantity of legacy waste. Expected date of completion of Processing will be as per timeline mentioned.
79	North 24 Pgs	Bhalpura	2	Madral & Jishi Math	22.87426°N 88.41807°E & 22.89932°N 88.39001°E	2.57	1,17,000	-	-	-	-	-	-	-	Dec-25	-	-	-	-	6.31	2nd call tender did not mature and 3rd call to be initiated soon for bio-mining and bio-remediation of this further quantity of legacy waste. Expected date of completion of Processing will be as per timeline mentioned.
80	North 24 Pgs	Barrackpore	1	Kolkata Road	22.748547°N 88.382122°E	5.00	1,14,696	-	-	-	-	-	-	-	Dec-25	-	-	-	-	4.96	Tender under process (2nd call) for bio-mining and bio-remediation of this further quantity of legacy waste. Expected date of completion of Processing will be as per timeline mentioned.
81	North 24 Pgs	Carulia	1	Fanching Ground Road	22.817161°N 88.372613°E	1.80	90,148	-	-	-	-	-	-	-	Dec-25	-	-	-	-	2.41	Tender will be floated shortly for bio-mining and bio-remediation of this further quantity of legacy waste. Expected date of completion of Processing will be as per timeline mentioned.
82	North 24 Pgs	Halisahar	1	Nurlan Trenching Ground	23.291021°N 88.4116394°E	0.84	43,905	-	-	-	-	-	-	-	Feb-2026	-	-	-	-	3.41	2nd call tender did not mature and 3rd call to be initiated soon for bio-mining and bio-remediation of this further quantity of legacy waste. Expected date of completion of Processing will be as per timeline mentioned.
83	North 24 Pgs	Kharakh	1	Royanwarpur	22.4431°N 88.2425°E	2.75	62,027	-	-	-	-	-	-	-	Dec-25	-	-	-	-	10.29	Tender already matured and Work order to the agency will be issued shortly. Expected date of completion of Processing will be as per timeline mentioned.
84	North 24 Pgs	Madhyamgram	1	Dighera	22.69264° 88.50124°E	7.17	1,89,128	-	-	-	-	-	-	-	Dec-25	-	-	-	-	3.85	2nd call tender did not mature and 3rd call to be initiated soon for bio-mining and bio-remediation of this further quantity of legacy waste. Expected date of completion of Processing will be as per timeline mentioned.
85	North 24 Pgs	Thagah	1	Malpura	22.88326°N 88.02011°E	4.90	70,000	-	-	-	-	-	-	-	Dec-25	-	-	-	-	6.60	LOI already issued to agency for bio-mining and bio-remediation of this further quantity of legacy waste. Expected date of completion of Processing will be as per timeline mentioned.
86	North 24 Pgs	Ranhati	1	Ranchanda Pur	22.4131°N 88.2310°E	1.50	1,20,000	-	-	-	-	-	-	-	Dec-27	-	-	-	-		Assessment of present further quantity of legacy waste, after finalization of the quantity tender will be floated. Expected date of completion of Processing will be as per timeline mentioned.
87	Paschim Bardhaman	Asansol MC	5	a Asansol- Kalipahad, b Barapur- Hirapur, c Rangpur- Bonal d Jamuria- 6 No. Bypass, e Kadir- Alti	22.31614345°N 87.133307°E, 23.1661219°N, 86.692999°E, 23.614345°N 87.133307°E, 23.70714°N, 87.07440°E, 23.703844°N 86.883800°E	36.95	Assessment under process	-	-	-	-	-	-	-	Dec-27	-	-	-	-		Assessment of present further quantity of legacy waste, after finalization of the quantity tender will be floated. Expected date of completion of Processing will be as per timeline mentioned.

Phase - II : Status of Bio-mining and Bio - Remediation of further quantity of Legacy Waste accumulated in the dump sites of the ULBs of West Bengal, due to accumulation of regular fresh waste during the 1st phase of processing period which have turn to Legacy waste upto November, 2024.

Sl No	(i) District	ULB	(ii) Legacy waste site			(iii) Area of Dump Site in acre	(iv) Quantity of Waste in each site (MT)	(v) Composition of the Waste				(vi) Process adopted to remediate waste at each site	(vii) Timeline to process each site	(viii) Final Destination of the				Earmark Budget (Rs. In Crore)	Action plan to remediate and recover the sites
			No. of Legacy waste sites	Location of site	GPS coordinate (Lat & Long)			Inert (%)	Construction Waste, Wood, Glass etc)	Compost (%)	RDF (%)			Plastic (%)	Other material (%)	Inert (%)	Construction Waste, Wood, Glass etc)		
88	Purdia	Jaldia	3	a Beside Panagati-Mongram SH. Hpt. Jaldia Road c/Ward 5	a 23.361579°N 85.971785°E, b 23.37796°N, 85.98471°E, c 23.34956°N, 85.97531°E	2.00	Assessment under process	-	-	-	-	-	-	-	-	-	-	-	Assessment of present further quantity of legacy waste, after finalization of the quantity tender will be filed. Expected date of completion of Processing will be as per timeline mentioned.
89	South 24 Pgs	Malleshaha	1	Sarengabad, Ward No. - 35	22.49216°N 89.20567°E	19.61	1.04,000	-	-	-	-	-	-	-	-	-	-	-	LOI already issued for bio-mining and bio-remediation of this further quantity of legacy waste. Expected date of completion of Processing will be as per timeline mentioned.
90	South 24 Pgs	Rajpur-Sonarpur	1	Malhapoda	22°29'16"N 88°25'37"E	10.00	Assessment under process	-	-	-	-	-	-	-	-	-	-	-	Assessment of present further quantity of legacy waste, after finalization of the quantity tender will be filed. Expected date of completion of Processing will be as per timeline mentioned.

O.A. 673/2018 updated report till November, 2024Plantation Activities

Sl. No.	River	Division	Details of plantation activities along the river
1	Ganga	24 - ParganaNorth	Nil
		Nadia Murshidabad	2 nd year maintenance work over 2 Ha. is going under Namami Gange Scheme (one side plantation).
2	Churni	Nadia Murshidabad	Advance (Nursery work) 100% completed. Creation work 100% completed during 2021-22. 3 rd year maintenance work is going on for 7.265 Ha (One side).

Development of Bio-Diversity Park

River	Details of setting up Bio-diversity Parks by removing encroachment along the river.
23. Ganga	Not applicable
24. Churni	

S. K. Khatun
19/12/2024
Chief Conservator of Forests, SDP
& Member Secretary, WBSFDA