

National Mission for Clean Ganga

Monthly Progress Report in the NGT Matter O.A.No.673 from the month of March 2024 till May 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):**
- | | |
|--|------------------------|
| a. Existing no. of operational STPs including East Kolkata Wetland and Primary Treatment facilities: | 49 (1875.69MLD) |
| b. No. of STPs under construction | 12 (237.60MLD) |
| c. No. of STPs under renovation | 6 (130.20 MLD) |
| d. No. of STPs under proposal/tender stage | 25 (611.64MLD) |
- IV. Total Treatment Capacity (a+b+c+d) **2855.13 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. *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)'.*

2. Howrah and Bally STPs are under Trial Run.

3. 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.

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

11	Ganga	KMDA	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	JagaddalBhatparaNew	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

24	Ganga	KMDA	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	KMC	Keorapukur	45.00
30	Ganga	KMC	Garden Reach	57.00
31	Vidyadhari	KMC	Bangur	52.00
32	Vidyadhari	KMC	Baghajatin	15.00
33	Vidyadhari	KMC	Hatisur	10.00
34	Vidyadhari	KMC	East Kolkata Wetlands	910.00
35	Ganga	PHED	Nabadwip Municipality Nadia	10.50
36	Ganga	PHED	Katwa Municipality, PurbaBurdwan	4.36
37	Ganga	PHED	Diamond Harbour Municipality	2.03

38	Ganga	PHED	Murshidabad Municipality	1.96
39	Ganga	PHED	Berhampore Murshidabad	3.70
40	Vidyadhari	PHED	New Town Kolkata (Action Area IIC)	31.00
41	Vidyadhari	PHED	New Town Kolkata (Action Area IIB)	14.00
42	Vidyadhari	PHED	New Town, Rajarhat Action Area- IIID	24.00
43	Dwarka	PHED	Tarapith	4.25
44	Coastal	PHED	Digha Sankarpur Development Area	6.70
45	Ganga	MED	Jiagunj-Azimgunj Takia Oxidation Pond	0.69
46	Ganga	MED	Jiagunj-Azimgunj Takia Oxidation Pond	0.69
47	Vidyadhari	UDMA (SLRDC)	Kestopur	27.24
48	Vidyadhari	NKDA, PHED	DhilerBheri	150.00
49	Damodar	DMC	Durgapur City Centre	1.00
Primary Treatment			Kaljani/Karola/Mayurakshi/Shilabati/ Kansi/Rupnarayan/Dwarkeswar/Jalan gi Rivers	95.00
Total				1875.69

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.	Ganga	KMDA	Kamarhati - Baranagar -Kamarhati, Mathkol, near Belgachia Metro Car Shed	60.00	Under Rejuvenation
2.	Mahananda	KMDA	Mahananda Left Bank, Siliguri	32.00	Under Rejuvenation
3.	Mahananda	KMDA	Jorapani & Fuleswari River, Siliguri	24.00	Under Rejuvenation
4.	Mirik Lake	MED	Mirik (STP -1; Krishnagar Ward No: 5)	0.60	Under Rejuvenation
5.	Mirik Lake	MED	Mirik (STP -2; Adjacent to Aquarium Ward No: 3)	0.30	Under Rejuvenation
6.	Mirik Lake	MED	Mirik (STP -3; Home Dara Ward No: 3)	0.30	Under Rejuvenation
Additional capacity of Garden Reach STP				8.00	LoA issued, New construction with augmented capacity of 65 MLD.
Augmentation of Keorapukur STP				5.00	Augmented capacity of 50 MLD.
Total				130.20	

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	Sep 2024
2	Ganga	KMDA	Raghunathganj	5.00	Sep 2024
3	Ganga	KMDA	Jangipur	8.00	Sep 2024
4	Ganga	KMDA	Hooghly-Chinsurah	26.50	Oct,2024
5	Ganga	KMDA	Maheshtala	35.00	Dec 2024
6	Ganga	KMDA	North-Barrackpore	30.00	July 2025
7	Ganga	KMDA	Chakdah	15.00	Sep 2025
8	Churni	KMDA	Sreenathpur	4.00	July 2024
9	Churni	KMDA	Silver Jubilee Road	2.60	July 2024
10	Ganga	KMC	Rania	23.00	August 2024
11	Ganga	KMC	Joka	45.00	December 2024
12	Ganga	KMC	M.G. Road	40.00	December 2024
	Total			237.60	

Details of proposed STPs in the State

EA-Executing Agency

No.	River/Coastal Stretch	EA	Location	Capacity of the STP proposed in MLD
1.	Ganga	KMDA	Murshidabad	4.00
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	130.00
8.	Ganga	KMDA	North-Barrackpore	8.00
9.	Ganga	KMDA	Diamond-Harbour	10.40
10.	Ganga	KMDA	Jiaganj - Azimganj	1.50

11.	Churni	KMDA	Jianagar	5.20
12.	Damodar & Barakar	KMDA	Durgapur/Asansol	46.00
13.	Mahananda	KMDA SIDA	West Bank	48.00
14.	Vidyadhari	KMDA	Baranagar	8.70
15.	Vidyadhari	KMDA	North Dumdum	33.00
16.	Vidyadhari	KMDA	South Dumdum	27.00
17.	Vidyadhari	BMC	Bidhannagar	7.50
18.	Ganga	KMC	Bansdrone (TNP)	11.60
19.	Ganga	KMC	Golf Green (TNP)	3.50
20.	Ganga	KMC	Birji Road (TNP)	10.00
21.	Ganga	KMC	Dhankheti Nikashi	25.00
22.	Ganga	KMC	Bhanga Khal, Garden Reach	35.00

23.	Ganga	KMC	New Keorapukur	25.00
24.	Ganga	KMC	Strand Road	23.00
25.	Non-Ganga	KMC	New Baghajatin	26.00
Additional capacity of Katwa STP (Augmented capacity 13.50 MLD.)				9.14
Total			25 STPs	611.64

IV. Details of Industrial Pollution:

No. of industries in the State (Red = 3998, Orange = 13526)	=17524
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	=9712
Total Bio-medical generation	=38886.62 kg / day
Status of Treatment Facility / CBMWTF	= 9 CBMWTF are operating
Treatment capacity	= 2,11,000 bed

All Biomedical wastes generated in the state are treated at the six (7) 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	=832
Total Hazardous Waste generation	=240215.0 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	= 44,811.34 MT

One CHWTSDF at Saltora, Bankura has been set up but yet to be commissioned.

VII. Details of Nodal Officer appointed by Chief Secretary in the State /UT:

- 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 generated. • All are “safe” categorized blocks along polluted stretch of Damodar and Barakar river. • Groundwater sampling for its Physio-chemical tests is done twice a year (April & Nov). Post-Monsoon (Nov'22) GW level data is generated.
Ganga	<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.

	<ul style="list-style-type: none"> 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.
Rupnarayan	
Jalangi	<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) □ Groundwater sampling for its Physio-chemical tests is done twice a year (April & Nov). Post-Monsoon(Nov'22) GW sampling is completed.
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 "safe" categorized block along polluted stretches of Silabati, Darakeswar, Kaljani and Karala River.

	Groundwater sampling for its Physio-chemical tests is done twice a year (April & Nov). Post-Monsoon (Nov'22) GW sampling is completed.
Mahananda	<p>Groundwater regulation:</p> <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>
Teesta	

IX. Good irrigation practices being adopted by the State:

River	Stretch of the river	Good irrigation practices
Dwarka	Tarapith to Sadhak Bamdeb 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), SahidMatangini (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 JalpaiguriSadar 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 Barakar	1 in Kanksa Block is in progress.
Ganga	1) Barrackpur-II Block- 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. 1.88Crore 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.
Mathabhang a	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.
Dwarekeswa r	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. 0.87croreis 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.A1.132 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 Croreis 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 Mayurakshi 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. (ChandrakonaII : 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.

Use of treated Sewage Water at Budge Budge -

- A joint route survey has been done by NMCG, KMDA and CESE at Budge Budge STP for utilizing the treated water in the CESE power plant.
- An expert agency is being engaged to find out layout of underground utility as well as to prepare DPR.

Use of treated Sewage Water at Maheshtala-

- Concessioner of 35 MLD at Maheshtala has been request 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

- Two STPs at Howrah and Bally have already been put on Trial Run and currently adding 59 MLD to the Existing Treatment Capacity.
- The Department of UD & MA is closely monitoring the work of pollution abatement in the polluted river stretches of 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 PD WBSPMG on several occasions. (Annexure: D)
- **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 are under Tendering Stage.
- FSTP at Burdwan (50 KLD), revised DPR is under preparation 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 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 emptied upto 31.05.2024 in the functional STPs by ULBs as below:

Sl. No	Name of ULB	Co-Treated Sludge(KL)
1	Gayeshpur	69.00
2	Nabadwip	205.00
3	Halisahar	260.80
4	Budge Budge	402.80
5	Barrackpore	1120.00
6	Chandannagar &Chinsurah	1276.00
Total Capacity (KL)		3333.60

Total Amount of Septage emptied up to February 2024 –2233.60 KL

**** Incremental progress of co-Treatment from the submission of last OA 673 (for the period from Dec 2023 to Feb 2024) is 1100.00 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: B)

List of Some GOOD WORK done

1. As a result of Co-Treatment, there has been substantial reduction in Faecal Coliform in Palta-Shitalatala, Diamond Harbour as observed from the Water Quality Report received from WBPCB for the month of May 2024.
2. 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.
3. 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.
4. Proposal for one STP with the capacity of 41 MLD at Kestopur is under DPR preparation stage and will also help to mitigate the pollution of River Vidyadhari.
5. Four STPs have also been proposed on Bagjola Canal for mitigating the pollution of river Vidyadhari.
6. In order to mitigate the pollution of river Mahananda, two STPs are already under rejuvenation and DPR finalized for another one.
7. Hooghly-Chinsurah (Taldanga) STP project partially commissioned.
8. 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.

PHOTO GALLERY

Communication and Public Outreach Activities from March 2024 to May 2024 undertaken by the DGCs under guidance of WBSPMG.

Behavioural Change Communication Activities



Mass Awareness Exhibition (Stall in Fairs & Ghats)



Public Outreach & Knowledge Based events involving specially abled children



Slogan Competition on River Pollution Abatement



Tableau Campaign



Wall Painting



Ganga Swachhta Pakhwada



Ghat Pe Haat (Livelihood Generation Program)



List of Annexures

Annexure-A: Water Quality Report for the Month of May 2024, WBPCB

Annexure-B: Site Inspection Report, KMDA

Annexure-C: Capacity Utilization of Functional STPs

Annexure-D: MoM of Chief Secretary meeting dated: 02.04.2024

Annexure-I: Report from P&RD

Annexure-II: Report from SUDA

Annexure-III: Report from Forest Department

WEST BENGAL POLLUTION CONTROL BOARD

Water Quality of Polluted River stretches of 17 rivers in West Bengal during May 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)	7.35	7.5	1.9	140000	30000	79
	Mahananda	Ramghat(Downstream)	7.49	5.3	22	330000	140000	7000
II	Vidyadhari	Haroa bridge (upstream)	7.34	0.76	10.95	110000	58000	940
	Vidyadhari	Malancha (downstream)	7.71	1.33	8.89	70000	31000	700
II	Churni	Downstream of Ranaghat town	7.82	5.1	2.1	49000	22000	1300
	Churni	Majhdia	7.85	1.9	3.43	17000	5400	430
III	Matha bhanga	Gobindapur	7.89	1.7	3.5	130000	54000	2200
IV	Ganga	Farakka	7.24	6.6	2.2	1100	350	23
	Ganga	Farakka	7.5	7.3	2.8	1100	280	23
	Ganga	Khagra	7.39	7	2.05	1300	540	46
	Ganga	Khagra	7.64	7.2	2.9	2400	920	70
	Ganga	Baharampore	7.27	6.5	1.9	13000	5400	490
	Ganga	Baharampore	7.56	7.3	2.8	17000	5400	700
	Ganga	Gorabazar	7.21	7	2.15	7000	2400	330
	Ganga	Gorabazar	7.52	7	2.9	13000	3500	460
	Ganga	Nabadip	7.64	7.3	2.1	1700	790	49
	Ganga	Nabadip	7.72	6.9	2.9	2400	1300	70
	Ganga	Tribeni	7.61	7.4	2.75	2400	920	46
	Ganga	Tribeni	7.66	6.8	2.8	3500	1700	79
	Ganga	Palta Shitalatala	7.42	7	2.7	7900	2400	330
	Ganga	Palta Shitalatala	7.5	6.5	2.75	11000	2200	330
	Ganga	Palta,	7.49	6.7	2.65	17000	5400	460
	Ganga	Palta	7.48	6.7	2.5	13000	2400	460
	Ganga	Serampore	7.46	6.7	2.8	33000	7900	940
	Ganga	Serampore	7.45	6.7	2.6	46000	14000	700
	Ganga	Dakshmineswar	7.24	5.64	2.81	84000	32000	940
	Ganga	Dakshmineswar	7.34	5.56	2.71	110000	49000	1100
	Ganga	Garden reach	7.51	5.32	2.84	110000	63000	1300
	Ganga	Garden reach	7.54	5.41	2.82	350000	240000	1300
	Ganga	Howrah-shivpur	7.54	5.23	2.9	79000	40000	1100
	Ganga	Howrah-shivpur	7.45	5.51	2.78	240000	130000	1100
	Ganga	Uluberia,	7.98	5.57	2.79	31000	14000	790
	Ganga	Uluberia,	7.32	5.59	2.7	39000	17000	630
	Ganga	Durgachak near Pathikhali,	8.4	6.7	1.3	14000	7000	460
	Ganga	Durgachak near Pathikhali,	8.4	5.1	1.15	17000	9400	460
	Ganga	Diamond harbour,	7.18	5.95	2.74	2100	920	110
	Ganga	Diamond harbour,	7.18	5.71	2.64	4000	2100	200

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

Priority	River	Stations	pH(Unit)	(DO) (mg/l)	BOD (mg/l)	Total Coliform (MPN /100ml)	Fecal Coliform (MPN /100ml)	Fecal Strepto cocci (MPN/ 100ml)
IV	KANSI	Downstream at Midnapore	7.1	5.6	2.45	7000	3300	140
IV	JALANGI,	Downstream of Krishna nagar	7.55	5.3	2.5	13000	5400	490
V	Damodar	Dishergarh	7.61	7.7	2.25	3300	1700	22
	Damodar	IISCO near Dhenna Village,	7.77	8.1	2.05	2600	2100	27
	Damodar	Narainpur	7.95	7.8	2.15	3300	2600	17
	Damodar	Near Mujher Mana Village	7.52	7	2.6	3200	1700	27
	Damodar	Andal D/s	7.91	7.7	2.2	2600	2100	22
	Damodar	Andal U/s	7.74	7.9	2.6	2700	2200	21
	Damodar	Asansol U/s	7.67	8	2	2200	1700	14
	Damodar	Durgapur U/s	7.6	7.8	2.25	2200	1700	26
	Damodar	Raniganj D/s	7.64	8	2.3	3900	2000	22
	Damodar	Water intake point for Burdwan Town	7.65	7.9	2.3	2200	2100	21
V	Dwarka	Upstream of Tarapith at Sadhak Bamdeb ghat	7.31	7.3	2.5	4000	2600	22
	Dwarka,	Downstream of Tarapith Satighat	7.24	6.9	2.85	4700	3200	17
V	Barakar	Asansol	7.7	7.9	2.3	2200	2000	17
V	Rupnarayan	Geonkhali	8.4	5	1	22000	14000	490
	Rupnarayan	Kolaghat (Down Stream)	8	6.3	1.25	7900	3300	140
V	Dwarakeshwar	Bankura town	7.57	7.9	2.15	3300	2100	27
V	Teesta	At Jalpesh	7.33	7.5	0.8	11000	5000	70
	Teesta	At Sevoke	6.5	7.2	1.1	3400	1700	90

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 steptoc occi (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- MAY 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	26.53	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	18.5	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
							done =18000, house connection remaining= 12000	
3	Gayeshpur	Gayeshpur	8.33	3.63	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	7.219	Only for available drain connection	Not install till now	Total Connection 13200 House pit constructed -13186 nos IP constructed - 5316 Connection made to the source : 2091.	Under O&M HDPE PIPELINE = 100 Mtr. Jack Push work : 10 Mtr. Manhole : 8 nos IP : 8 nos
5	Barrackpore	Barrackpore	24.0	9.63	Sewerage network could not been 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	5.4	a. House connection pending which executed from local ULB and about 600 nos house hold source connectet 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 16592	Operation & Maintenance work for STP started.
7	Bandipur (Khardah)	Khardah	14.00	12.0	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		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
				3.8	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	11.5	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	8.5	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	3.645	-	Not install till now	NA	Operation & Maintenance work for STP started.
14	Bhadreswar	Bhadreswar	7.60	3.33	-	Not install till now	NA	Operation & Maintenance work for STP started.
15	Chandannagar	Chandannagar	22.66	9.28	During dry season level of water reduces accordingly.	Not install till now	NA	Operation & Maintenance work for STP started.
16	Bansberia	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 & renovation of network- is under progress.
18	Nabadwip	Nabadwip	9.50 MLD	4.309	Actual capacity will reached in the year 2051	Installed	NA	O&M started from 01/07/2022
19	Kanchrapara	Kanchrapara	18.00 MLD	7.48	-	Not install till now		Trial & Run started from 01/09/2022

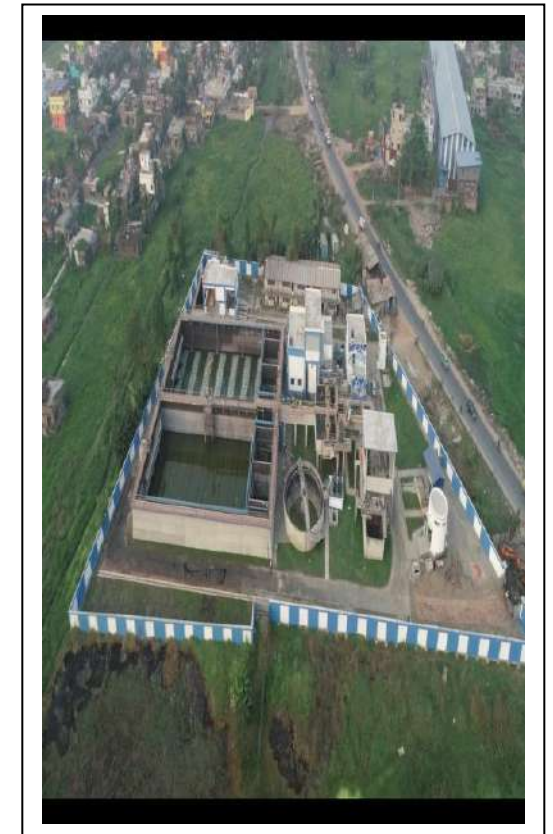
**SITE VISIT PHOTOGRAPH OF STP UNDER OPERATION & MAINTENANCE STAGE IN
MAY 2024**



KALYANI



KALYANI



BARRACKPORE



Chlorination Building



GAYESHPUR



HALISAHAR



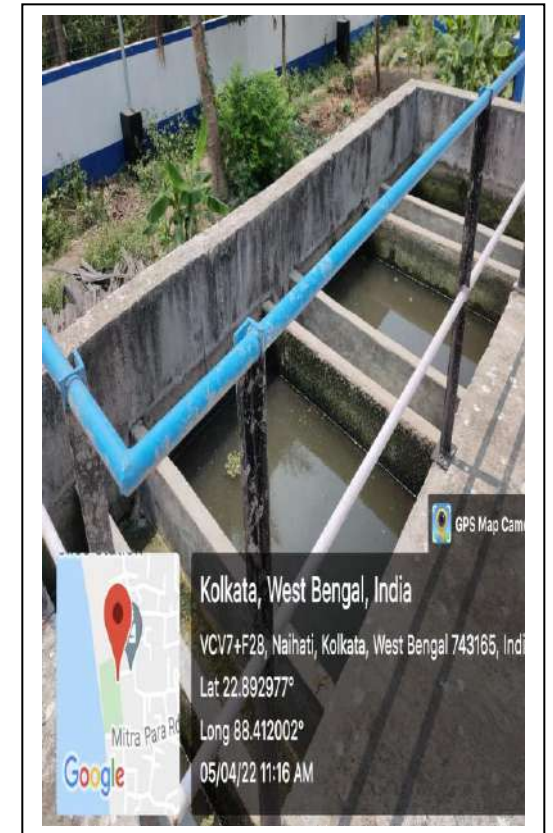
KALYANI



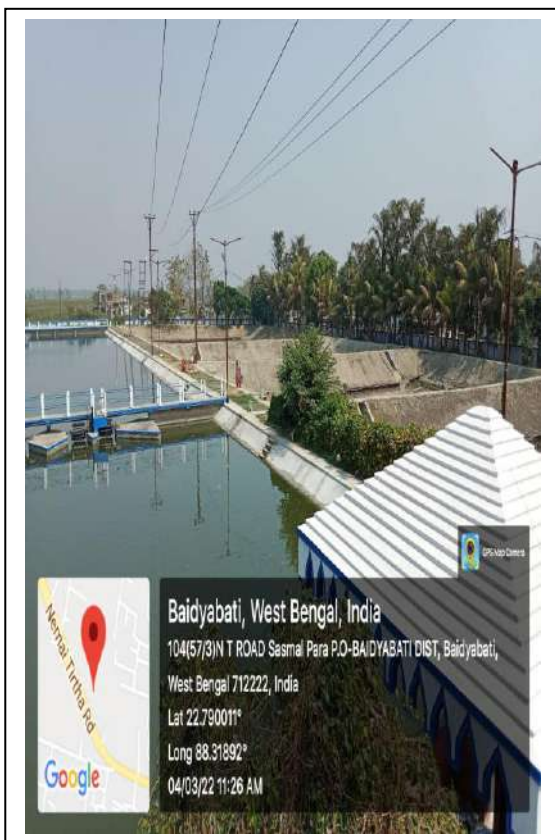
Budge budge



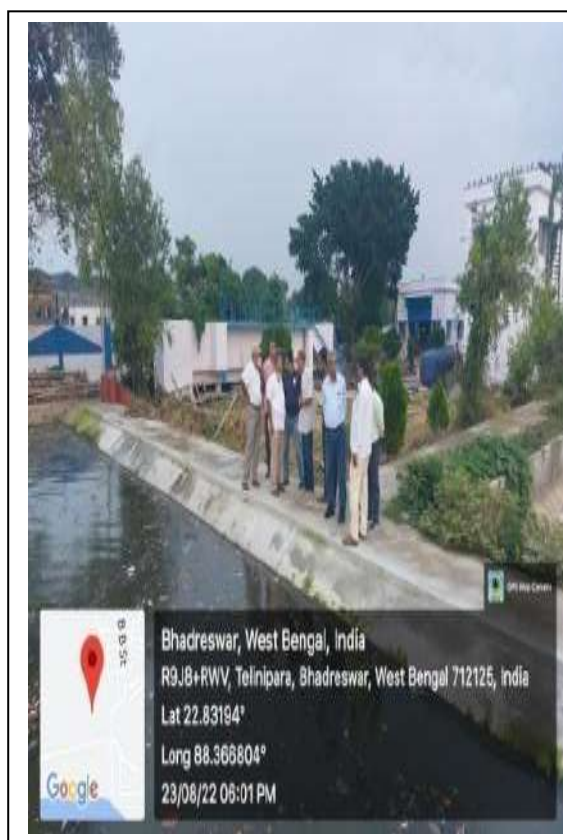
TITAGARH



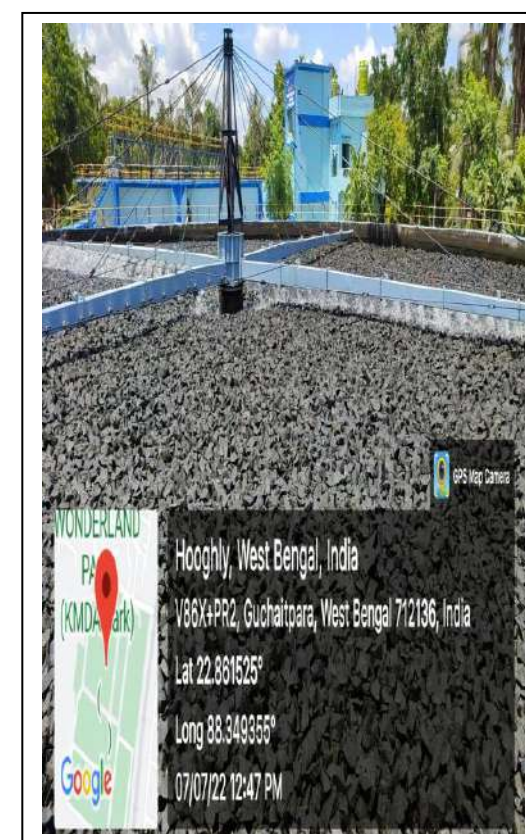
NAIHATI



Baidyabati



Bhadreswar



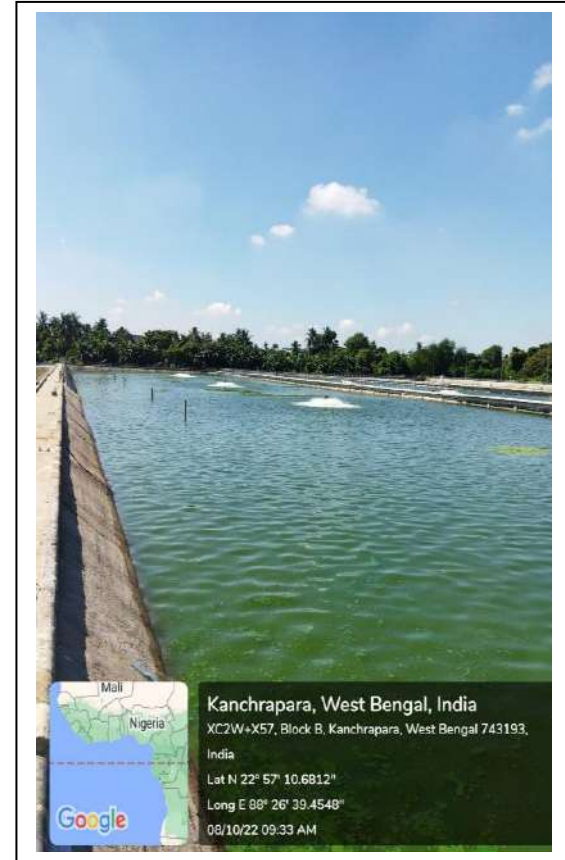
Chandannagore



NABADWIP



Kanuiपुर STP



KACHRAPARA

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 31.05.2024</p> <p>For Civil parts 85.5%</p> <p>E&M Parts 94.30%</p> <p>Overall progress «87.3% (including E&M)</p> <p>SBR Basin water tightness test Completed.</p> <p>2) Chlorination tank water tightness test Completed.</p> <p>3) Sewerage network design as well as structural design completed and work going on.</p> <p>4) Admin building Finishing work going on</p> <p>5) 500mm dia DI pipe laying almost completed & laying of 600 mm dia D.I pipe going on & gravity line going on.</p> <p>6) MPS work Completed.</p> <p>7) LS-3 work going on.</p> <p>8) Jack pushing work Completed.</p>	

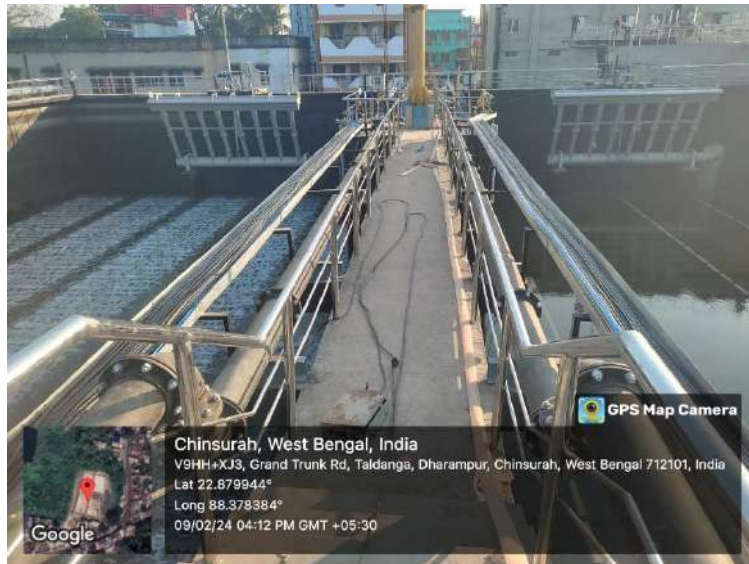
Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
2	Jangipur	Jangipur	8.00 MLD	MAR-2024	<p><u>Jangipur:</u></p> <p>Jangipur: Construction of STP Physical progress- Civil Work 87.60 %. Completed i) SBR Basin: SBR wall is under progress.-Civil-99% Completed. ii) Inlet Chamber: Civil- 98% Completed. iii)MCC- Blower Room: Civil Work-95% Completed. iv) Centrifuge House of STP: Civil work-99% Completed. v) Chlorination Building : Civil work-98% Completed. vi) CCT : Civil Work-98% Completed. vii) MPS- 1 no. 88.20% civil work Completed viii) Boundary Wall- Civil work-70%</p> <p>I&D Structure: 26.15% completed</p> <p>Network(Raghunathganj and Jangipur): DWC-3018 m completed DI-1870m</p>	
3	Raghunathganj	Jangipur	5.00 MLD	MAR-2024	<p>Overall Physical Progress upto 30.04.2024 : 61.10%(Considering actual E&M Progress)</p> <p>Raghunathganj: Construction of STP Physical progress- Civil Work 84.60% completed i) SBR Basin: Civil Work- 99% Completed. ii) Inlet Chamber: Civil Work- 98.5%Completed. iii)MCC- Blower Room: Civil Work-93% Completed. iv) Centrifuge House of STP: Civil Work-98% Completed. v) Chlorination Building : Civil Work-98% Completed.</p>	

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
					<p>vi) CCT room: Civil Work-98% Completed.</p> <p>vii) MPS- 1no. Civil Work-72%</p> <p>viii) Boundary wall- 70%</p> <p>1) LS at Global More: Civil work 38.3% completed.</p> <p>2) UGLS at SHibaji Sangha: NOC issued on 01.02.2022., Drawing & Design is under progress.</p> <p>3) UGLS at Balighata: NOC has been issued on 07.07.2022. Drawing & Design is under progress.. Drawing & Design is under progress.</p>	
4	Berhampore	Berhampore	3.50 MLD	SEP-2024	<p>As per proposed revised BOQ</p> <p>Physical Progress upto 31.05.2024 : 59.5%(Considering actual progress as received from E&M Sector)</p> <p>Construction of STP Physical progress- Civil Work 63.60% Completed.</p> <p>i) SBR Basin: Civil Work-97% Completed.</p> <p>ii) MPS- 39% Completed</p> <p>iii) Centrifuse House- 83% Completed</p> <p>iv) Inlet Chamber- 88% Completed</p> <p>v) MCC Blower Room- 71% Completed.</p> <p>v) Boundary Wall- Civil work- 120 m/240m Completed</p> <p>LS at Kapiler Math: Civil work Progress-43%</p> <p>LS near DM Bungalow: Civil work Progress-39%</p> <p>UGLS at Battala: 80% civil work completed.</p> <p>I&D Structure: 31.8 % completed.</p> <p>Network: 83.5% completed</p> <p>Laying of HDPE(DWC) pipe of 4150m length done till date.</p> <p>Laying of Raising main of 727 m length done till date.</p>	

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
5	Bally (Kona)	Jagacha Gram Panchayet	62.00	JUN-2024	Overall progress: 97.6% STP: 99% Network: Manhole Rising 98% LS MPS Repair 90% Desilting 97% Pipe Laying 97%Pipe Laying 98%	
6	Arupara	Howrah	65.00	JUN-2024	Overall progress: 95.1% STP :99% Network: Manhole Rising 99% LS MPS Repair 98% Desilting 94% Pipe Laying 92%	
7	Mathkal	Baranagar	60.00	JUN-2024	Overall progress: 96.13% STP : 99% Network: Manhole Rising 96% LS MPS Repair 95% Desilting 98% Pipe Laying 94%	
8	Maheshtala	Maheshtala	35.00	DEC 2024	Total:-75.75% completed till 31-05-24 consisting of :- 1. 29.08% of STP Civil Process unit. 2. 1.99 % of Office Building & Staff Quarter. 3. 22.71% of Supply of Electromechanical Items. 4. 21.97% of Associate Infra Civil Structure & pipe Laying works. SBR Basin:-Platform & wall 100% completed. Hydrotesting of Basin-1 & 2 completed. CCT:- 1st floor slab casting completed. Brickwork & Plastering Completed. SHU:- 2nd floor slab casting 100% completed. PTU:- Grit Chamber side wall WIP. Admin Building:- Electrification WIP. Staff Quarter:- Electrification WIP. Pipelaying:- Pipe Laying , Hydrotesting &	

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
					Road Restiration WIP. LS2- Wet sump excavation 100% completed. PCC WIP. LS-2A:- Raft and sinking of Well 100% completed. LS-3:- Raft and sinking of Well 100% completed.	
9	North Barrackpore	North Barrackpore	38.00	OCT-2025	Total:-30.067% completed till 31-05-2024 consisting of :- SBR Basin:- Piling of SBR Basins 100% Completed and work upto raft including PCC 100% completed. Raft R.C.C at base level 100% completed. 1st Lift wall at SBR 84.1% completed. 2nd Lift of Wall at SBR 47.01% completed. 3RD Lift of Wall 46.95% Completed. Final Lift of Wall 37.64% completed. Therefore, ovelall completion of SBR Basins is 9.609% PU Unit: Piling of PU Unit 100% Completed. Scour chamber, Pile cap and beam casting is in progress. Work upto plinth 100 % completed. PCC & RCC footing 100% completed., Inlet chamber slab with column & wall 10%, Grit chamber slab with column 5% Overall completion of PU is 0.54%. SHU: Piling of SHU 100% Completed. Work upto plinth 50% completed. ADMIN BUILDING: Piling of ADB 100% completed. Work upto plinth 100% completed. 50% of RCC work 20%. Ovearall completion of ADB is 0.37% HT Substation: Piling of HT Substation 100% completed. Work upto plinth 100% completed. PCC & RCC footing 100% completed. RCC upto plinth 100% completed. CCT: Piling of CCT 100% completed.	

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
					Raw Sewage Sump and Pump House : Approval is in progress . Boundary Wall: 50% of the compound wall completed including Brickwork and another 40 % of sub structure is also completed. Therefore, Overall progress of Boundary Wall is 0.50%	



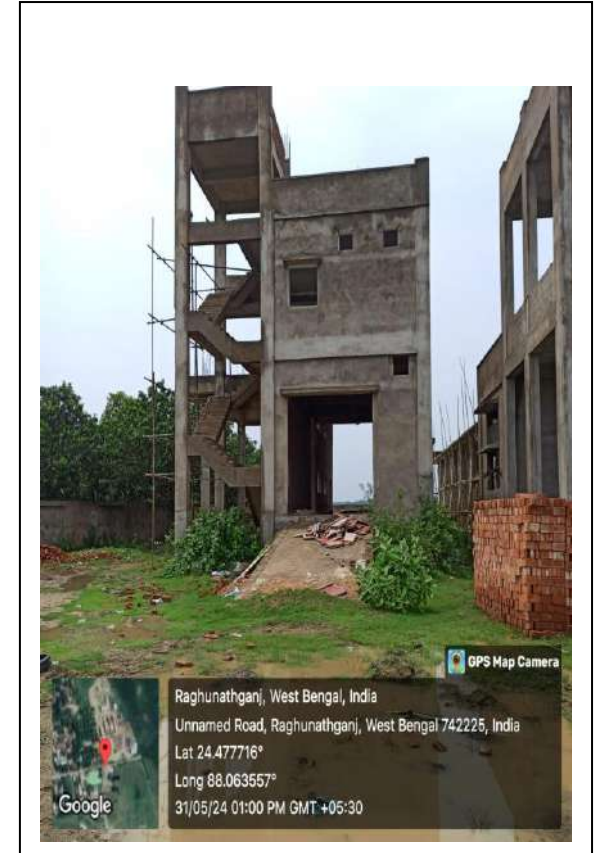
Hooghly Chinsurah



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 in 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

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
						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/Bhagirathi 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

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
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	Dahighat, 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 3 bar 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	DPR already sent	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
37.	Pratapnagar-Rajbari Drain	Bhatpara	35.3 MLD			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 separate	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
					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.	DhopaGhat 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.	ITC Triveni Drain	Hooghly	3.88 MLD	No	No	This drain carries discharge from ITC, tribeni. It is located under Chandrahatty-2 panchayet.	Action plan of this drain has been submitted by WBPCB.

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
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	
51.	Bazarpara-Garighat Drain / Sharenga drain	Sarenga-Sankrail, Howrah	87.20 MLD	No	No	To be tapped /DPR 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 humongous capacity and flow will be treated as	Consultant engaged for DPR. DPR shall be submitted by 14.09.2024	Financial evaluation in progress

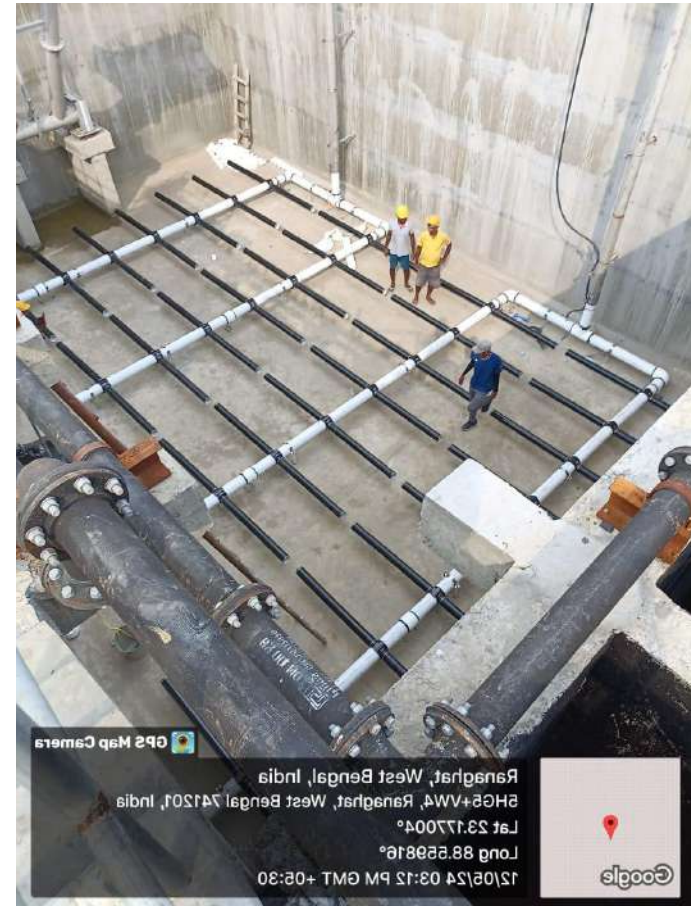
SI no.	Name of drain	City/ Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
					separate canal/River		
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 Panchyot.	NIL
56.	Bagher Khal	Kanchrapara	55.65 MLD	To be diverted to the ongoing Kanchrapara STP	No	I&D work is under Progress	Nil



GARIFA SOUTH (RAM GHAT)



HALISAHAR DRAIN LOCKGATE



RANAGHAT

4. DetailsofAlternateTreatmentTechnologybeingadoptedinthePollutedRiverStretches.

River name	Polluting drain	In-situ treatment details	MLD treated	Present Status	Incremental progress overthe lastvisit
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 NGT 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 Visit 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 May 2024

SI NO.	Name of STP	Executing Agency	Built up Capacity (MLD)	Design flow to come as on May 2024	Actual Utilization as on May 2024 (MLD)	Percentage Utilization (%)	Technology	Remarks
[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	
1	Jagaddal Bhatpara New	KMDA	31.00	25.10	19.03	75.82	FBAS	
2	Shyamnagar	KMDA	10.00	8.10	2.30	28.40	WSP	
3	Jagaddal Bhatpara old	KMDA	9.50	7.69	1.44	18.73	ASP	
4	Kankinara STP, Madrail, Bhatpara	KMDA	10.00	8.10	4.44	54.81	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	3.84	80.00	SBR	
8	Bansberia	KMDA	0.30	0.30	0.29	96.67	ASP	
9	Konnagar	KMDA	22.00	22.00	16.00	72.73	WSP	
10	Naihati	KMDA	11.56	11.56	11.00	95.16	ASP	
11	Garden Reach	KMC	57.00	57.00	53.68	94.18		
12	Keorapukur	KMC	45.00	45.00	36.00	80.00		
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	JiagunjAzimgunjTakia Oxidation Pond	MED	0.69	0.69				
19	Barrackpore	KMDA	18.00	12.50	6.20	49.60	SBR	
20	Barrackpore	KMDA	6.00	3.60	2.63	73.06	SBR	
21	Halisahar	KMDA	16.00	10.75	5.10	47.44	SBR	
22	Budge-Budge	KMDA	9.30	8.48	5.14	60.61	SBR	
23	Nabadwip	KMDA	9.50	7.80	3.92	50.26	Extended Aeration Tube Settler	
24	Baidyabati	KMDA	6.00	6.00	4.20	70.00	Areated Lagoon	
25	Bhadreswar	KMDA	7.60	7.60	3.21	42.24	Areated Lagoon	
26	Garulia	KMDA	4.10	4.10	3.80	92.68	WSP	
27	Chandannagar, Khalisani, Chinsurah-Hooghly	KMDA	18.16	18.16	6.51	35.85	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	4.25	93.61	ASP	
30	Titagarh	KMDA	4.54	4.54	4.25	93.61	OP	
31	Bandipur (Khardaha)	KMDA	14.10	14.10	12.80	90.78	WSP	
32	Naihati	KMDA	6.50	6.50	6.00	92.31	WSP	
33	Panihati	KMDA	12.00	12.00	11.00	91.67	WSP	
34	Kanchrapara	KMDA	18.00	13.92	7.04	50.57	WSP	
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		

Minutes of the Review Meeting on Liquid Waste Management in connection with the Order of Hon'ble NGT under OA No. 200 of 2014 chaired by the Chief Secretary, GoWB on 02/04/2024 at 13th Floor Conference Hall, Nabanna, Howrah.

At the beginning of the meeting the Chief Secretary, welcomed all the Officials and briefed the situation under which the present Review Meeting is being taken.

The Chief Secretary, instructed Program Director, WBSPMG to present the status of Liquid Waste Management & Legacy Waste Management. She presented the total scenario of the both and discussion was held agendawise and the following decisions were taken.

1) Water Quality of River Ganga:

Based on the WBPCB reports, presented during the meeting, it is clear that water quality of river Ganga with respect to BOD parameter has been improved from **12.0 mg/L in 2018 to 8.0 mg/L in 2022 & 2.90 mg/L in 2024**. The sustained efforts of the State yielded good result and it is now within the permissible limit for bathing standard. But, the Faecal Coliform level is a matter of concern which need to be addressed with all-out effort. Chief Secretary has directed to take note of the matter and proceed accordingly. This reduction in BOD shall be highlighted in the affidavits before HNGT. Advocate on Record (AOR) has been directed accordingly.

[Action: KMDA, WBPCB, KMC, MED & WBSPMG]

2) Sewage Management in Ganga Districts:

From the presentation it appears that the total sewage generations for Urban Areas in the State based on the estimated population in the year 2022 are as follows:

In the Ganga Districts	: 1044.9 MLD.
For Kolkata District	: 356.1 MLD.
Total	: 1401.0 MLD.

Status of the Sewage Treatment Plants:

i)	Existing number of Operational STPs	36 with Treatment Capacity of 535.38 MLD
ii)	Number of STPs under Construction	10 with Treatment Capacity of 231.00 MLD
iii)	Number of STPs under renovation	2 with Treatment Capacity of 76.70 MLD (Including the additional 13 MLD by way of augmenting the Capacity of Garden Reach STP & Keorapukur STP)

iv)	Number of STPs under proposal/tendering	18 with Treatment Capacity of 414.60 MLD
v)	Capacity of Sewage Treatment in Private STPs in the State (data received from WBPCB)	78 MLD
vi)	Total treatment capacity	1335.68 MLD
vii)	GAP in Treatment Capacity	65.32 MLD

The Program Director, WBSPMG stated that to mitigate the GAP in treatment capacity, proposals for setting up of STPs & FSTPs are being submitted to NMCG under Namami Gange II within the provision of fund of ₹ 2,885 Cr.as indicated by the NMCG. On this point the Chief Secretary, Govt. of West Bengal asked Program Director, WBSPMG to pursue the matter vigorously with NMCG, so that clearance is given without any loss of time from their end.

Program Director, WBSPMG also informed that STP & FSTP projects totaling ₹1263.95 Cr. have so far been sanctioned. Projects amounting to ₹797.35 Cr. are under examination by NMCG, while preparations of DPRs are underway for projects totaling to ₹ 823 Cr.

[Action: NMCG, WBSPMG]

3) Review of the Projects:

a) Under KMDA:

The incremental progress since last review meeting in November 2023 on the following ongoing STP projects were presented and found to be satisfactory.

Project	Overall Progress (%) as on date	Incremental Progress (%)
STP project at Howrah-Bally-Baranagar (3STPs)	96.00	1.09
STP project at Jangipur-Raghunathgunj (2STPs)	60.67	4.37
STP project at Behrampore	54.26	4.76
STP project at Chinsurah	85.50	4.50
STP project at Maheshtala	60.42	17.07
STP project at North Barrackpore (Babanpur)	20.00	18.00
STP project at Chakdah	Work just started	

While reviewing the progress of upcoming projects, the matter of Model Code of Conduct of Lok Sabha General Election, 2024 was discussed, as it may delay the tendering process for some of the upcoming STP projects.

Chief Secretary directed to refer the matter to him to enable him to take up the matter if required with the Election Commission of India for proceeding further in this matter.

The discussion arose regarding the pending DPRs in Katwa, Murshidabad, Shantipur, Asansol & Durgapur STP projects with NMCG. Chief Secretary directed to take up the matter with National Mission for Clean Ganga (NMCG) immediately.

[Action: WBSPMG]

b) Under KMC:

Implementation of Projects under KMC was reviewed and found to be under different stages of implementation. The status of the projects is as follows:

Projects	Status as on date
Garden Reach STP (65MLD)	Concession Agreement signed on 15.03.2024
Keorapukur STP (50 MLD)	Finalisation of Bid document in 2 nd call is in progress
Adi-Ganga STP project (Tolly Nullah)	Technical Bid Evaluation is in progress
New Penstock/I&D structure at Beliaghata Circular Canal	Finalisation of Tender is in progress

Beside above, out of other 4 (four) proposed projects, 2 (two) projects namely the STP project at Surinaam Ghat (Dhankheti Nikashi)(25MLD) and Strand Road STP (23 MLD) have been planned to be installed on the lands owned by KoPT as no other alternative land is available for installation of these two projects.

The Chief Secretary directed to take up the matter with the KoPT to ensure allocation of the lands at free of cost for installation of these projects and taking up the matter with the NMCG for funding under Namami Gange Programme.

[Action: KMC, KoPT and WBSPMG]

The incremental progress since last Review meeting taken by the Chief Secretary, Govt. of West Bengal in November 2023 of the KEIP STP projects is as follows:

Project	Overall Progress (%) as on date	Incremental Progress (%)
STP at Joka (45MLD)	68.00	1.10
STP at M.G. Road (40 MLD)	75.70	3.10
STP at Rania (23 MLD)	96.50	3.50

Chief Secretary directed to take special care so that the projects are completed within scheduled time. A Review Meeting by the Secretary UD&MA shall be conducted soon in this regard.

[Action: KEIIP]

4) Status of Faecal Sludge & Septage Management:

A number of FSTP Projects are under examination in the NMCG. The Program Director, WBPMG informed that currently a total of 2233.6 KL Septage has been co-treated in the functional STPs across seven (7) ULBs with an increment of 880 KL since last review meeting. Quantum of septage from the following 7 ULBs is given below. The septage is collected from these Municipalities through cesspools and emptied in the nearby functional STPs.

Sl. No.	Name of ULB	Functional STP	Quantum of Septage emptied as on February, 2024
1	Gayeshpur	Gayeshpur STP (8.33 MLD)	69 KL
2	Halisahar	Halisahar STP (16 MLD)	257.80 KL
3	Budge Budge	Budge Budge STP (9.3 MLD)	268.40 KL
4	Nabadwip	Nabadwip STP (9.50 MLD)	142 KL
5	Barrackpore	Barrackpore STPs (24 MLD)	910.40 KL
6	Chandannagar & Chinsurah	Chandannagar STPs (22.66 MLD)	586 KL
Total			2233.6 KL

5) End to End Solution:

a) Sludge management in functional STPs:

State Government has sanctioned ₹ 49.8 Lakh for preparation of DPR on Sludge Management for 26 old functional STPs.

b) Re-use of Treated Waste Water:

Program Director, WBSPMG informed that currently State Government is utilizing Treated Waste Water in Pisciculture (Durgapur, East Kolkata Wetland, Nabadwip, Murshidabad), Gardening (Durgapur, Halisahar), Road Cleaning (New Kolkata Development Authority).

6) Profile of Ganga Districts in West Bengal:

The sewage generation and management profiles of each Ganga Districts were presented as were provided to the District Ganga Committee to facilitate submission of Affidavit before HNGT.

The Chief Secretary, Govt. of West Bengal was kind enough to take up the matter with the Chairpersons of all District Ganga Committee & instructed to place the updated reports before HNGT in their upcoming affidavits.

[Action: All DGCs, UDMA & WBSPMG]

7) Status of Drains:

In the meeting, Program Director, WBSPMG provided an update on the drains discharging into the River Ganga as follows:

- 400 drains and 2 canals have been identified out of which all the 400 drains are netted. Netting cannot be done in the 2 canals because of huge flow.
- 105 major drains have been highlighted by CPCB.
- 44 drains have been connected to functional STPs or proposed to be tapped in the upcoming STPs.
- Work orders have been issued to engage Consultants for preparing of DPRs for 6 major/big canals like Bally Khal, Khardah Khal, Baidyabati Khal, Champdani DVC Canal, Bagh Khal (Rishra) & Hasting Ghat Khal.
- Tenders have been invited for 4 major drains & tendering process of another 4 major canals is underway.
- In-situ treatment process / construction of FSTPs are being undertaken for the remaining drains.

The Chief Secretary, Govt. of West Bengal instructed to place the updated reports before HNGT in their upcoming affidavits.

[Action: All DGCs, UDMA & WBSPMG]

8) Utilization of Fund:

Program Director, WBSPMG provided an overview of the funds received & expenditures made from April 2014 to March 2023 across three schemes (EAP, Non- EAP and NGP) along with the fund utilization for the financial year 2023-24. Notably, she highlighted achieving 100% utilization of the funds received in 2023-24.

Instructions given by the Chief Secretary:

Instructions have been received from the Chief Secretary, GoWB for presenting the positive results achieved so far in the State in pollution abatement of River Ganga before HNGT in a convincing and appropriate

manner. Additionally, a time frame should be included in the upcoming affidavit to address the gap between sewage generation and treatment before HNGT including last 5 years progress with respect to Liquid Waste Management.

[Action: KMDA, KMC, KEIP & All DGCs]

Legacy Waste Management:

The program Director, WBSPMG presented the status as below:

- Total no. of Dumpsites: 84 (76 ULBs).
- Incremental progress on Handingover of Dump sites from November, 2023 to March, 2024: 5
- Incremental progress on quantity processed from November, 2023 to March, 2024: 1.8 Lakh MT (5.43%)
- Incremental progress in total disposal from November, 2023 to March, 2024: 1.5 Lakh MT (5.07%)
- Incremental progress on Disposal of RFD from November, 2023 to March, 2024: 0.11 Lakh MT (5%)
- Incremental progress on Disposal of Inert from November, 2023 to March, 2024: 0.57 Lakh MT (5.6%)
- Incremental progress on Disposal of Good Earth from November, 2023 to March, 2024: 1.45 Lakh MT (9%)
- Incremental progress on Land Reclamation from November, 2023 to March, 2024: 12.43 Acres (6.34%)

Instructions given by the Chief Secretary:

Instructions have been received from the Chief Secretary, Govt. of West Bengal to present before HNGT the achievement of Legacy Waste Management convincingly and appropriately. He has further instructed to expedite the process of Legacy Waste Management so that the remaining land can be reclaimed in a time bound manner.

[Action: KMDA & All DGCs]

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



**Chief Secretary
to the Govt. of West Bengal**

GOVERNMENT OF WEST BENGAL
PANCHAYATS & RURAL DEVELOPMENT DEPARTMENT
Joint Administrative Building (6th to 10th Floors), HC-7, Sector-III
Bidhannagar, Kolkata-700106



No. 2730(2) -RD/PH&S/S/1E-9/2019

Dated ⁰⁶05.06.2024

From: State Coordinator, SBM (G) & Ex-Officio
Joint Secretary to the Govt. of West Bengal

To: 1) Chief Executive Officer
Kolkata Metropolitan Development Authority
2) Additional Secretary to the Govt. of West Bengal
Department of Environment, Govt. of West Bengal

Sub: Status report on SLWM Polluted River Adjoining (OA-673) GPs for May,24- reg.

Madam/ Sir,

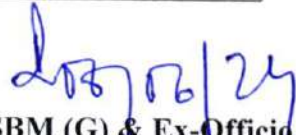
With reference to the subject cited above, please find status report on Solid & Liquid Waste Management (SLWM) for the month of May,2024 in respect of Polluted River Adjoining GPs(OA-673) for your kind perusal.

Yours faithfully,

State Coordinator, SBM (G) & Ex-Officio
Joint Secretary to the Govt. of West Bengal

**Monthly report of 17 polluted river adjoining Gram Panchyats
As per O.A 673(as on 31.05.2024)**

Sl. No.		Item	May ,23
1	General Profile	No. & Name of Districts involved	12
2		No. of Blocks involved	62
3		No. of GPs involved	221
4		No. of Sansad involved	3,630
5		No. of total household of Gram Panchayats	9,80,833
6	Progress of SWM	No. of GPs where IEC done	202
7		No. & Name of Districts where SWM activity undertaken	12
8		No. of Blocks where SWM activity undertaken	62
9		No. of GPs where SWM activity undertaken	209
10		No. of GP for which DPR has been prepared	221
11		No. of GP for which DPR has been approved	188
12		No. of GP wherein land has been identified for CPU	188
13		No. of GP wherein CPU is under construction	41
14		No. of GP wherein construction of CPU is completed	122
15		No. of GP where CPU is functional	59
16		No. of E Cart tender done	751
17		No of e cart work order issued	733
18		E cart purchase/ work completed	633
19		No of segregation cum storage shed community tender done	188
20		No of segregation cum storage shed community work order issued	165
24	Progress of LWM	No. of GWM tender floated	23,451
25		No. of GWM work order issued	20,429
26		No of project completed	17,716


 State Coordinator, SBM (G) & Ex-Officio
 Joint Secretary to the Govt. of West Bengal

STATE URBAN DEVELOPMENT AGENCY

“ইলগাস ভবন”, এইচসি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ
“ILGUS BHAVAN”, HC Block, Sector-III, Bidhannagar, Kolkata - 700 106, West Bengal

SUDA-765/2020/4255

Date : 04.06.2024

From : Shri Joly Chaudhuri, WBCS(Exe.),
Addl. Secretary, UD & MA Department &
Additional Director, SUDA.

To: The Member Secretary,
West Bengal Pollution Control Board
Government of West Bengal

Sub: Report on levy of user charges of solid waste management of 128 ULBs of West Bengal.

Sir,

In response to the office memorandum vide no. HSM-11/47/2023-HSM of the Director, Ministry of Environment, Forest and Climate Change, Government of India regarding WP© No. 1062 of 2023 in the matter of Indu Verma Vs. Union of India & Ors. Before Hon'ble Supreme Court of India, I am to **enclose** herewith the report on levy of user charges of solid waste management of 128 ULBs of West Bengal as per proforma for your kind perusal.

Yours faithfully,

Encl: As stated above

Chaudhuri.
04.06.2024
Addl. Secretary, UD & MA Dept.
&
Addl. Director, SUDA

SUDA-765/2020/4255/1(1)

Date : 04.06.2024

Copy forwarded for kind information to Smt. Nandini Ghosh, IAS, Sr. Special Secretary, UD&MA Department

Chaudhuri.
04.06.2024
Addl. Secretary, UD & MA Dept.
&
Addl. Director, SUDA

INFORMATION ON USER CHARGES BY 128 URBAN LOCAL BODIES OF WEST BENGAL FROM WASTE GENERATION FOR SOLID WASTE MANAGEMENT

District	Sl. No.	Name of ULB	Rules/Regulations under which user fee for solid waste management is charged	Quantum of user fee		Separate fee charged for Sanitary waste in addition to user fee (Yes/No) (If Yes, specify the amount in Rs per unit)	Separate fee charged for Other waste in addition to user fee (Yes/No) (If Yes, specify the amount in Rs per unit)
				Per month User Fee of each Household (In Rs.)	Average Per month User Fee of each Commercial Establishment (In Rs.)		
Alipurduar	1	Falakata	SWM Rules, 2016	10 to 25 per sq. ft	90 to 730 per sq. ft	No	No
Alipurduar	2	Alipurduar	NA	0	0	No	No
Bankura	3	Sonamukhi	NA	0	300	No	No
Bankura	4	Bankura	Notified Bye Law of ULB	30	300	No	No
Bankura	5	Bishnupur	NA	0	0	No	No
Birbhum	6	Dubrajpur	Notified Bye Law of ULB	10 to 30	30 to 1000	No	No
Birbhum	7	Bolpur	Notified Bye Law of ULB	25 to 75	2700	No	No
Birbhum	8	Sainthia	SWM Rules, 2016	5 to 30	10 to 30	No	No
Birbhum	9	Nalhati	Notified Bye Law of ULB	10 to 40	40 to 200	No	No
Birbhum	10	Suri	NA	0	0	No	No
Birbhum	11	Rampurhat	NA	0	0	No	No
Coochbehar	12	Mathabhanga	Notified Bye Law of ULB	30	0	No	No
Coochbehar	13	Tufanganj	Notified Bye Law of ULB	No	12000	No	No
Coochbehar	14	Dinhata	Notified Bye Law of ULB	30	298	No	No
Coochbehar	15	Mekliganj	Notified Bye Law of ULB	20	30	No	No
Coochbehar	16	Coochbehar	SWM Rules, 2016	20	833	1000	No
Coochbehar	17	Haldibari	Notified Bye Law of ULB	20	300	No	No
Dakshin Dinajpur	18	Gangarampur	Notified Bye Law of ULB	5 to 50 as per sq. ft.	30	No	No
Dakshin Dinajpur	19	Buniadpur	NA	0	0	No	No
Dakshin Dinajpur	20	Balurghat	Notified Bye Law of ULB	5	15	No	No
Darjeeling	21	Mirik Notified Area Authority	NA	0	0	No	No
Darjeeling	22	Kurseong	SWM Rules, 2016	50	200	No	No
Darjeeling	23	Siliguri MC	Notified Bye Law of ULB	10	8000 to 15000	No	No
Darjeeling	24	Darjeeling	SWM Rules, 2016	50	0	No	No
Hooghly	25	Arambagh	Notified Bye Law of ULB	0	500 to 1000	No	No
Hooghly	26	Baidyabati	Notified Bye Law of ULB	20	30 to 1000	No	No
Hooghly	27	Dankuni	Notified Bye Law of ULB	20	100	No	No
Hooghly	28	Tarakeswar	Notified Bye Law of ULB	10 to 40	100	No	1000
Hooghly	29	Uttarpara Kotrung	Notified Bye Law of ULB	30	200 per event	1000 to 3000	350 per 700 kg C&D for garden waste
Hooghly	30	Hooghly Chinsurah	Notified Bye Law of ULB	0	30	No	No
Hooghly	31	Bansberia	Notified Bye Law of ULB	10	20 to 200	No	No
Hooghly	32	Rishra	Notified Bye Law of ULB	20	100	No	220
Hooghly	33	Scrapmore	Notified Bye Law of ULB	0	300 to 1500	No	750
Hooghly	34	Chandernagore	Notified Bye Law of ULB	20	50	No	500/-
Hooghly	35	Chandernagore MC	NA	0	0	No	No
Hooghly	36	Konnagar	Notified Bye Law of ULB	0	40 per shop	No	No
Hooghly	37	Bhadreswar	NA	0	0	No	No
Howrah	38	Uluberia	NA	0	0	1000 to 2000	No
Howrah	39	Howrah MC	NA	0	0	No	No
Howrah	40	Bally	NA	0	0	No	No
Jalpaiguri	41	Dhupguri	NA	0	0	No	No
Jalpaiguri	42	Maynaguri	Notified Bye Law of ULB	200	0	No	No
Jalpaiguri	43	Jalpaiguri	SWM Rules, 2016	30 to 100	50 to 1000	No	No
Jalpaiguri	44	Mal	NA	0	0	No	No
Jhargram	45	Jhargram	SWM Rules, 2016	30	0	No	No
Kalimpong	46	Kalimpong	SWM Rules, 2016	30	1000	No	No
Kolkata	47	Kolkata MC	Notified Bye Law of ULB	0	10 to 1600 per sq. ft.	300 to 60,000	No
Malda	48	Englishbazar	Notified Bye Law of ULB	30	1000	No	No
Malda	49	Old Malda	NA	0	0	No	No
Murshidabad	50	Domkal	NA	0	0	No	No

Dhanbari
04.06.2022

District	Sl. No.	Name of ULB	Rules/Regulations under which user fee for solid waste management is charged	Quantum of user fee		Separate fee charged for Sanitary waste in addition to user fee (Yes/No) (If Yes, specify the amount in Rs per unit)	Separate fee charged for Other waste in addition to user fee (Yes/No) (If Yes, specify the amount in Rs per unit)
				Per month User Fee of each Household (In Rs.)	Average Per month User Fee of each Commercial Establishment (In Rs.)		
Murshidabad	51	Dhuliyani	NA	0	0	No	No
Murshidabad	52	Jangipur	NA	0	0	No	No
Murshidabad	53	Berhanpore	Notified Bye Law of ULB	20	50	No	800
Murshidabad	54	Beldanga	NA	0	0	No	No
Murshidabad	55	Jiaganj Azimganj	NA	0	0	No	No
Murshidabad	56	Kandi	NA	0	0	No	No
Murshidabad	57	Murshidabad	NA	0	0	No	No
Nadia	58	Haringhata	NA	0	0	No	No
Nadia	59	Nabadwip	Notified Bye Law of ULB	10	265	No	No
Nadia	60	Kalyani	Notified Bye Law of ULB	20-50	20 to 1000	No	No
Nadia	61	Ranaghat	Notified Bye Law of ULB	10	50	No	500
Nadia	62	Krishnanagar	NA	0	0	No	No
Nadia	63	Birnagar	Notified Bye Law of ULB	10	100	No	No
Nadia	64	Santipur	NA	0	0	No	No
Nadia	65	Chakdah	NA	0	0	No	No
Nadia	66	Cooper's Camp	NA	0	0	No	No
Nadia	67	Taherpur	NA	0	0	No	No
Nadia	68	Gayeshpur	NA	0	0	No	No
North 24 Paraganas	69	Bhatpara	Notified Bye Law of ULB	40	40	No	No
North 24 Paraganas	70	Titagarh	Notified Bye Law of ULB	20	100	No	No
North 24 Paraganas	71	New Barrackpore	NA	0	0	No	No
North 24 Paraganas	72	Baranagar	Notified Bye Law of ULB	20	1200	No	No
North 24 Paraganas	73	Kanchrapara	Notified Bye Law of ULB	30	30 to 1500	No	No
North 24 Paraganas	74	North Barrackpore	Notified Bye Law of ULB	20	0	No	No
North 24 Paraganas	75	South Dum Dum	SWM Rules, 2016	0	800 Per trip	No	No
North 24 Paraganas	76	Barrackpore	Notified Bye Law of ULB	40-100	2500	No	No
North 24 Paraganas	77	Ashoknagar Kalyangarh	Notified Bye Law of ULB	20	30	No	220
North 24 Paraganas	78	Halisahar	Notified Bye Law of ULB	20	250 to 1500	No	No
North 24 Paraganas	79	Taki	SWM Rules, 2016	30	50 to 350	No	No
North 24 Paraganas	80	Habra	Notified Bye Law of ULB	20	0	No	No
North 24 Paraganas	81	Madhyangram	NA	0	0	No	No
North 24 Paraganas	82	Garuha	Notified Bye Law of ULB	20	20	No	No
North 24 Paraganas	83	Bongaon	NA	0	0	No	No
North 24 Paraganas	84	Naihati	Notified Bye Law of ULB	20	40	No	Yes
North 24 Paraganas	85	Kamarhati	Notified Bye Law of ULB	20	70 to 100	No	No
North 24 Paraganas	86	Basirhat	Notified Bye Law of ULB	30	50	No	No
North 24 Paraganas	87	Bidhanagar MC	NA	0	0	No	No
North 24 Paraganas	88	Khurdah	Notified Bye Law of ULB	10	0	No	No

Handwritten signature
01.08.2020

District	Sl. No.	Name of ULB	Rules/Regulations under which user fee for solid waste management is charged	Quantum of user fee		Separate fee charged for Sanitary waste in addition to user fee (Yes/No) (If Yes, specify the amount in Rs per unit)	Separate fee charged for Other waste in addition to user fee (Yes/No) (If Yes, specify the amount in Rs per unit)
				Per month User Fee of each Household (In Rs.)	Average Per month User Fee of each Commercial Establishment (In Rs.)		
North 24 Paraganas	89	Dum Dum	SWM Rules, 2016	0	1000	650 to 1000	No
North 24 Paraganas	90	Panihati	NA	0	0	No	No
North 24 Paraganas	91	Baduria	SWM Rules, 2016	20	0	No	No
North 24 Paraganas	92	Gayeshpur	NA	0	0	No	No
North 24 Paraganas	93	Gobardanga	NA	0	0	No	No
North 24 Paraganas	94	North Dumdum	NA	0	0	No	No
Paschim Burdwan	95	Durgapur Municipal Corporation	Notified Bye Law of ULB	15 to 30	Rs. 100 for each 100 sq ft.	Rs. 100 to 150 or rate as per waste generation	No
Paschim Burdwan	96	Asansol Municipal Corporation	Notified Bye Law of ULB	40	2562	No	No
Paschim Medinipur	97	Khirpai	Notified Bye Law of ULB	10	40	No	No
Paschim Medinipur	98	Ghatal	Notified Bye Law of ULB	30	100	No	No
Paschim Medinipur	99	Midnapore	NA	0	0	No	No
Paschim Medinipur	100	Chandrakona	Notified Bye Law of ULB	0	200	No	No
Paschim Medinipur	101	Kharagpur	NA	0	0	No	No
Paschim Medinipur	102	Ramjibanpur	NA	0	0	No	No
Paschim Medinipur	103	Kharar	NA	0	0	No	No
Purba Burdwan	104	Memari	Notified Bye Law of ULB	20	0	No	No
Purba Burdwan	105	Katwa	Notified Bye Law of ULB	30	40	No	No
Purba Burdwan	106	Dainhat	Notified Bye Law of ULB	20 to 100	30 to 500	No	No
Purba Burdwan	107	Guskhara	NA	0	0	No	No
Purba Burdwan	108	Burdwan	NA	0	0	No	No
Purba Burdwan	109	Kalna	NA	0	0	No	No
Purba Medinipur	110	Egra	Notified Bye Law of ULB	30	300	No	No
Purba Medinipur	111	Panskura	Notified Bye Law of ULB	0	100	No	1000 to 3000
Purba Medinipur	112	Tamluk	SWM Rules, 2016	No	200	No	No
Purba Medinipur	113	Contai	NA	0	0	No	No
Purba Medinipur	114	Haldia	NA	0	0	No	No
Purulia	115	Raghunathpur	Notified Bye Law of ULB	30	50 to 810	No	No
Purulia	116	Jhalda	NA	0	0	No	No
Purulia	117	Purulia	SWM Rules, 2016	20	0	No	No
South 24 Parganas	118	Rajpur- Sonarpur	Notified Bye Law of ULB	35	200	No	No
South 24 Parganas	119	Maheshtala	SWM Rules, 2016	25	100 to 5000	No	No
South 24 Parganas	120	Budge Budge	Notified Bye Law of ULB	30	0	No	No
South 24 Parganas	121	Diamond Harbour	Notified Bye Law of ULB	30 to 90	60 to 80000	No	No
South 24 Parganas	122	Baruipur	Notified Bye Law of ULB	20	50 to 100	No	No
South 24 Parganas	123	Pujali	NA	0	0	No	No
South 24 Parganas	124	Jaynagar Majilpur	NA	0	0	No	No
Uttar Dinajpur	125	Islampur	NA	0	0	No	No
Uttar Dinajpur	126	Kaliyaganj	NA	0	0	No	No
Uttar Dinajpur	127	Dalkhola	NA	0	0	No	No
Uttar Dinajpur	128	Raiganj	SWM Rules, 2016	10	75	No	No

Pranab
04-06-2024

O.A. 673/2018 updated report till May, 2024

Plantation Activities

Sl. No.	River	Division	Details of plantation activities along the river
1	Ganga	24 - ParganaNorth	Advance (Nursery work) 100% completed in March, 2021. 1 st year maintenance work done over 6 Ha. Institutional plantation and 3 Km Avenue Plantation (Plantation on both sides of the river).
		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.
19. Ganga	Not applicable
20. Churni	

P. K. Rakhi
07/06/2024

Chief Conservator of Forests, SDP
& Member Secretary, WBSFDA