Government of West Bengal
Department of Environment

Prani Sampad Bhawan, 5th Floor, LB-2, Sect-III, Saltlake, Kolkata-106.

Memo No: 2627/EN/3C-01/2019(Part-II) Date: 17 /11/2023

To:
Shri Anup Kumar Srivastava
Executive Director- Technical
National Mission for Clean Ganga
1st Floor, Major Dhyan Chand National Stadium
India Gate, New Delhi-110002

Sub: Monthly Progress Report- July 2023 to September 2023

Sir

The undersigned is directed to send herewith the Monthly Performance Report (MPR) in the prescribed proforma as prepared by Urban Development and Municipal Affairs Department, Government of West Bengal, for the months of July, 2023 to September,2023, for the State of West Bengal in respect of polluted river stretches in West Bengal.

This is for your information and necessary action please.

Yours faithfully

Enclo: as stated

Sd/-

Additional Secretary
to the Government of West Bengal

Copy forwarded for information to-

1. Sr. PS to the Principal Secretary, Department of Environment, Govt. of West Bengal
2. Member Secretary, Central Pollution Control Board
3. Member Secretary, West Bengal Pollution Control Board
4. Senior Special Secretary, UD & MA Department, Govt. of West Bengal

Additional Secretary
to the Government of West Bengal

CamScanner

National Mission for Clean Ganga

Monthly Progress Report in the NGT Matter O.A.No.673 from the month from July 2023 to September 2023
West Bengal

The Main Report

Overall status of the State:

I. Total Population: Urban Population & Rural Population: **10.9 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 (Urbanarea)**
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:	**45(1647.6MLD)**
b.	No. of STPs under construction	**11 (222.6MLD)**
c.	No. of STPs under renovation	**8(361.7 MLD)**
d.	No. of STPs under proposal/tender stage	**30 (665MLD)**

IV. Total Treatment Capacity (a+b+c+d) **2896.9MLD**

- 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.
- Besides, good number of STPs have already been constructed and under operation in different Industrial townships and housing complexes. Department of UD & MA has sought information of all privately operating STPs from the concerned authorities. Reports are awaited.
- 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.

N.B.

1. ***Two STPs (Garden Reach and Keaorapukur) 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. One STP (Babanpur 30MLD) under North Barrackpore HAM which is earlier considered in proposal list is now shown in Under Construction. The effective date of starting of this STP Project is 05.10.2023

Details of operational STPs in the State

EA=Executing Agency

No.	River/Coastal Stretch	EA	Location	Existing STP Capacity (MLD)
1.	Ganga	KMDA	Jagaddal Bhatpara New	31.00
2	Ganga	KMDA	Shyamnagar	10.00
3	Ganga	KMDA	Jagaddal Bhatpara old	9.50
4	Ganga	KMDA	Kankinara STP, Madrail, Bhatpara	10.00
5	Ganga	KMDA	STP Kalyani-I	11.00
6	Ganga	KMDA	STP Kalyani-II	10.00
7	Ganga	KMDA	Gayeshpur	8.33
8	Ganga	KMDA	Bansberia	0.30
9	Ganga	KMDA	Konnagar	22.00
10	Ganga	KMDA	Naihati	11.56
11	Vidyadhari	KMC	Bangur	52
12	Vidyadhari	KMC	Baghajatin	15
13	Vidyadhari	KMC	Hatisur	10
14	Ganga	PHED	Nabadwip Municipality Nadia	10

15	Ganga	PHED	Katwa Municipality, PurbaBurdwan	4.36
16	Ganga	PHED	Diamond Harbour Municipality	2.03
17	Ganga	PHED	Murshidabad Municipality	1.96
18	Ganga	MED	JiagunjAzimgunj Takia Oxidation Pond	0.69
19	Ganga	MED	JiagunjAzimgunj Takia Oxidation Pond	0.69
20	Vidyadhari	UDMA (SLRDC)	Kestopur	27.24
21	Coastal	PHED	DighaSankarpur Development Area	6.7
22	Vidyadhari	PHED	New Town Kolkata (Action Area IIC)	31
23	Vidyadhari	PHED	New Town Kolkata (Action Area IIB)	14
24	Ganga	KMDA	Barrackpore	18.00
25	Ganga	KMDA	Barrackpore	6.00
26	Ganga	KMDA	Halisahar	16.00
27	Ganga	KMDA	Budge-Budge	9.33
28	Vidyadhari	PHED	New Town, Rajarhat Action Area- IIID	24
29	Ganga	KMDA	Nabadwip	9.50
30	Vidyadhari	KMC	East Kolkata Wetlands	910
31	Ganga	KMDA	Baidyabati	6.00
32	Ganga	KMDA	Bhadreswar	7.60

33	Ganga	KMDA	Garulia	7.9
34	Ganga	KMDA	Chandannagar, Khalisani, Chinsurah-Hooghly	18.16
35	Ganga	KMDA	Chandannagar, Khalisani, Chinsurah-Hooghly	4.50
36	Ganga	KMDA	Titagarh	4.50
37	Ganga	KMDA	Titagarh	4.50
38	Ganga	KMDA	Bandipur (Khardaha)	14
39	Ganga	KMDA	Naihati	6.50
40	Ganga	KMDA	Panihati	12.00
41	Vidyadhari	NKDA, PHED	Dhiler Bheri	150
42	Damodar	DMC	Durgapur City Centre	1
43	Ganga	KMDA	Kanchrapara	18
44	Mirik Lake	MED	Mirik	1.5
45	Dwarka	PHED	Tarapith	4.25
Primary Treatment			Kaljani/Karola/Mayurakshi/Shilabati/Kansi/Rupnarayan/Dwarkeswar/Jalangi Rivers	95
Total				1647.6

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	Bally (Kona)- Kona, Chakpara (Anandanagar gram Panchayet)	62.00	Under Rejuvenation
2.	Ganga	KMDA	Howrah-Arupara	65.00	Under Rejuvenation
3.	Ganga	KMDA	Kamarhati - Baranagar -Kamarhati, Mathkol, near Belgachia Metro Car Shed	60.00	Under Rejuvenation
4.	Ganga	PHED	Berhampore Murshidabad	3.7	Under Rejuvenation
5.	Mahananda	SJDA	Mahananda Left Bank, Siliguri	32	Under Rejuvenation
6.	Mahananda	SJDA	Jorapani & Fuleswari River, Siliguri	24	Under Rejuvenation
7.	Ganga	KMC	Garden Reach	57	Under Rejuvenation
8.	Ganga	KMC	Keorapukur	45	Under Rejuvenation
			Total	**361.7**	

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	KMC	Joka	45	Nov 2023
2.	Ganga	KMC	M.G. Road	40	Nov 2023
3.	Ganga	KMDA	Baharampore	3.50	Mar 2024
4.	Ganga	KMDA	Raghunathganj	5.00	Mar 2024
5.	Ganga	KMDA	Jangipur	8.00	Mar 2024
6.	Ganga	KMC	Rania	23	Nov 2023
7.	Churni	KMDA	Sreenathpur	4	November, 2023
8.	Churni	KMDA	Silver Jubilee Road	2.6	November, 2023
9.	Ganga	KMDA	Hooghly-Chinsurah	26.5	Mar 2024
10.	Ganga	KMDA	Maheshtala	35	June 2024
11.	Ganga	KMDA	North-Barrackpore	30	July 2025
	Total			**222.6**	

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	KMC	Bansdroni (TNP)	11.6
2.	Ganga	KMC	Golf Green (TNP)	3.5
3.	Ganga	KMC	Birji Road (TNP)	10
4.	Ganga	KMC	L.S.10	16
5.	Ganga	KMC	Dhankheti Nikashi	25
6.	Ganga	KMC	BhangaKhal, Garden Reach	35
7.	Vidyadhari	KMC	Borough-XII	70
8.	Churni	KMDA	Jianagar	5.2
9.	Ganga	KMDA	North-Barrackpore	8
10	Ganga	MED	Katwa	11

11	Ganga	MED	Katwa	2.5
12	Ganga	MED	Santipur	18.1
13	Ganga	MED	Chakdah	15
14	Ganga	MED	Murshidabad	2.9
15	Ganga	MED	Jiaganj-Azimganj	1.5
16	Ganga	MED	Diamond-Harbour	10.4
17	Ganga	KMDA	Uluberia	11
18	Ganga	KMDA	Kestopur	41
19	Vidyadhari	KMDA	Baranagar	8.7
20	Vidyadhari	KMDA	North Dumdum	33
21	Vidyadhari	KMDA	South Dumdum	27
22	Vidyadhari	BMC	Bidhannagar	7.5
23	Mahananda	SJDA	West Bank	48

24	Damodar& Barakar	KMDA	4 STPs in Durgapur/Asansol	69.5
25	Ganga	KMDA	Champdani	30
26	Ganga	KMDA	Serampore	130
27	Ganga	KMDA	Krishnanagar	13.8
		Total	30 STPs	**665**

IV. Details of Industrial Pollution:

No. of industries in the State (Red = 3927, Orange = 12332) =17465
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 tanneries 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 nine (9) 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 =824
Total Hazardous Waste generation =203272.00 MTA
Treatment Capacity of all CHTSDFs (Haldia & Saltora,Bankura)
Land fill capacity =2,20,000 MTPA
Land fill after treatment =1,20,000 MTPA
Incineration =14,400 MTPA
Storage area =30,000 MTPA
Average quantity of hazardous Waste reaching TSDF = 38,062.45 MT

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

- Principal Secretary, Department of Environment, Govt. of West Bengal.

VIII. Ground waterregulation:

River	Groundwater regulation
Vidyadhari	• 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 Dwarka	• 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). 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:** *Semi-Critical*- Rampurhat-II (BirbhumDist) • **Mathabhangariverstretch:** *Semi-Critical*- Deganga (North 24 Parganas dist.) • Periodic groundwater sampling for its Physio-chemical tests is done twice a year (April & Nov).
Damodar Barakar	• Water meter without telemetry system is installed at industrial tube well permitted by SWID. • Groundwater Resources Estimation and Assessment is done as per GEC'97guidelines. • 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 Barakarriver. • Groundwater sampling for its Physio-chemical tests is done twice a year (April & Nov).Post-Monsoon (Nov'22) GW level data is generated.
Ganga	Ground water regulation: • Installation of Water Meter with telemetry system at industrial Tube Wells for monitoring of real-time GW withdrawal is in progress. • Implementation of Real-Time GW Level monitoring system is in progress. • Ground water monitoring:

	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) Post-Monsoon (Nov'22) GW sampling from 52 GW monitoring stations under the blocks along polluted stretch of River Ganga is completed.
River	**Groundwater regulation**
Churni	Groundwater regulation: • Water meter without telemetry system is installed industrial tubewell. • Physio-chemical quality of groundwater samples collected from GW monitoring wells during pre-monsoon and post-monsoon period is tested everyyear. Groundwater monitoring: Post-Monsoon (Nov'21) GW level data against 136 GW monitoring stations under the blocks along polluted stretch of River Churni is generated. GW Monitoring Stations (52)=42 (Manual) + 10 (Real-Time) Post-Monsoon (Nov'22) GW sampling from 52 GW monitoring stations under the blocks along polluted stretch of River Churni is completed.
Kansi Mayurakshi Rupnarayan Jalongi	• 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). 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. ✓ **Kansi River Stretch:** *Semi-Critical*- Keshpur, Debra (PaschimMedinipurDist) *Critical*- Panshkura (PurbaMedinipurDist) ✓ **Mayurakshi River Stretch:** *Semi-Critical*- Suti-I (MurshidabadDist), Labhpur (BirbhumDist) ✓ **Jalangi River Stretch:** *Semi-Critical*- Berhampur, Nowda (MurshidabadDist), Tehatta-II, Chapra (Nadia Dist) *Critical*- Domkal (MurshidabadDist), 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	• 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 Teesta	Groundwater regulation: • 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. 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).

IX. Good irrigation practices being adopted by theState:

River	Stretch of the river	Good irrigation practices
Dwarka	Tarapith to SadhakBamdebGhat	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,Diamonharbour-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 MedinipurAnicut. 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 WaterHarvesting:

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 (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 Churni12 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 preparedby 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.14.40 Crore 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.7.64 Crore will be taken up during 2020-21, by which 32000 people under 465 Ha areas may be benefitted.
Churni	There is no embankment on either side of the river in this stretch. Bank protection works are taken up as and when required to protect the adjoining areas. 0.5 km bank protection work of Rs. 1.88 Crore will be taken up during 2020-21, by which 2000 people in 98 Ha of areas may be benefitted.
Dwarka	There is no embankment on either side of the river in this stretch. For this stretch, Bank protection works are being taken by Tarapith-Rampurhat Development Authority (TRDA).

Ganga	There is no illegal encroachment on the river embankments. In left bank, 0.135 km bank protection work of Rs. 2.61 Crore is under running and 1.045 km bank protection work of Rs.11.17 Crore will be taken during 2020-21. In right bank, 0.900 km bank protection work of Rs. 6.21 Crore will be executed during 2020-21.
Damodar	There is no embankment on either side of the river in this stretch. Bank protection works are taken up as and when required to protect the adjoining areas. At present there is no such requirement of taking up anti erosion work in this stretch of river.
Jalangi	There is no embankment on either side of the river in this stretch. Bank protection works are taken up as and when required to protect the adjoining areas. 1.05 km bank protection work of Rs. 3.15 Crore is under progress, by which 3500 people under 205 Ha areas may be benefitted.
Kansi	There is no illegal encroachment on the river embankments. 1.5 km bank protection work of Rs. 3.62 Crore is already completed by which 13800 people under 700Ha areas may be benefitted.
Mathabhanga	There is no embankment on either side of the river in this stretch. Bank protection works are taken up as and when required to protect the adjoining areas. At present, there is no such vulnerable zone noticed in this stretch. However, protection work will be taken up as & when required.
Barakar	There is no embankment on either side of the river in this stretch. Bank protection works are taken up as and when required to protect the adjoining areas. At present, there is no such vulnerable zone noticed in this stretch. However, protection work will be taken up as & when required.
Dwarekeswar	There is no embankment on either side of the river in this stretch. Bank protection works are taken up as and when required to protect the adjoining areas.A bank protection work of length 300 m of amounting Rs. 0.87 crore is already executed in 2020-21 by which 790 people under 1.67 Ha area will be benefitted.
Kaljani	There is no illegal encroachment on the river embankments. 2.92 km bank protection work of Rs. 4.49 Crore 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 Mayurakhshi. 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 Crore is also completed during 2020-21.
Teesta	There is no illegal encroachment on the river embankments. 10.61 km bank protection work of Rs. 31.41 Crore is under running, by which 42000 people under 1580 Ha areas may be benefitted.

XII. Maintaining minimum e-flow ofriver:

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

XIII. Plantation activities along therivers:

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-Diversitypark:

River	Number of biodiversity parks	Status of the biodiversity parks
Vidyadhari	4 nos. (Haroa : 3 nos; Minakhan: 1 nos)	Ongoing projects
Churni	1 no.	Ongoing project
Jalongi	3 nos.	Ongoing projects

Kansi	6 nos. (Chandrakona II : 2 nos.; Daspur I: 1 no.; Kharagpur I: 1 no.; Midnapore: 1 no.; Sabang: 1 no.	Ongoing projects
Ganga	3 nos. (Budge Budge II: 1 no.; Diamond I: 1 no.; Diamond II: 1 no.)	Ongoing projects
Dwarekeswar	2 nos. (Bankura I: 1 no.; Onda I: 1 no.)	Ongoing projects
Mahananda	2 nos. (Phansidewa: 1 no.; Matigara: 1 no.)	Ongoing projects
Rupnarayan	3 nos. (Baidyanathpur: 1 no.; Orphuli: 1 no.; Antila: 1 no.)	Ongoing projects
Mayurakshi	Plan of 18 ha biodiversity park	

Total 18 bio-diversity parks have been set up.

XV. Reuse of Treated Water:

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

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 Mahestala-

- We have also proposed the Concessioner of 35 MLD STP builder at Mahestala on HAM model to propose a reuse plan of 35 MLD treated 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 vigorousmonitoring:

1. West Bengal River Rejuvenation Committee is holding meeting regularly to examine the progress of work. The next Meeting is fixed on 7th June 2022.
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 River Ganga

- 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.

  MOM of the Chief Secretary held on 25.08.2023- Annexure-A.
  MOM of the Mahananda held on 21.08.2023- Annexure-B.

- **The water quality data for the Polluted River Stretches has shown substantial improvement and as such River Ganga has now put to lesser Priority Category. As per the latest Water Quality Report of WBPCB for the month of August 2023 (Annexure-D), BOD level everywhere is below the permissible level and as such Ganga now may be placed in Priority-V. This has been made possible due to sustained efforts in Solid and Liquid Waste Management. Even the level of Faecal Coliform has been improved. Remarkable improvement has been noticed in Nabadwip.**

- **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.**

Implementation strategy of the above-mentioned Policy will be as follows:

- In towns, where facility of STP will be available, the septage of the town will be co – treated in the STP.
- In other towns, facility for treatment of Faecal Sludge and Septage (FS &S) will be developed in a phased manner
- In some towns, if necessary, **cluster mode approach** will be taken up for construction of FSTP after assessing the proximity of ULBs, operational cost, transportation cost and overall management.
- Principal Secretary, Department of UD & MA has taken an elaborate meeting to chalk out the working procedure for construction of FSTPs on 14.03.2023.
- 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 Barangar.
- **Construction of FSTPs in Burdwan is under Tendering Stage.**
- **DPR for construction of FSTPs in Ranaghat, Uttarpara-Kotturang and Bansberia and Pujali falling under Ganga basin have been internally prepared by KMDA and submitted to NMCG for approval.**
- **Presently, Septage and Sewage is co-treated in Gayespur, Nabadwip and Barrackpore STPs, Budge Budge and Halisahar.**
- **One FSTP at Bansberia with the capacity of 15 KLD has been sanctioned by NMCG in the last EC Meeting and is now under Tendering Stage.**
- **The Pilot FSTP Projects at Siliguri and Kharagpur (on the reclaimed land of Legacy Waste Dumpsite) are also under Tendering stage.**

Total Septage emptied upto 30.9.2023 in the functional STPs as below:

Sl. No	Name Of STP	Co-Treated Sludge (KL)
1	Gayeshpur	66
2	Nabadwip	75
3	Halisahar	193.8
4	Budge Budge	137.2
5	Barrackpore	508.8
	Total Capacity (KL)	**980.8**

Total Amount of Septage emptied up to June 2023- 598.2 KLD

****Marginal Increment over last Quarter is 382.6 KL.**

***** AS a result of Co-Treatment, there has been substantial reduction in Faecal Coliform in Faraka, Khagra, Nabadwip and Tribeni as observed from the Water Quality Report received from WBPCB for the month of August 2023.**

❖ TollyNullah

The DPR of Tolly Nullah Project has been divided into two tranches. The Tranche-I comprising of 03 STPs with some critical sewer lines amounting Rs. 653 crores has been approved. Bid has already been floated and opening date is in 4.11.2023. A Pre-Bid meeting was held wherein good number of prospective bidders participated and we have received good numbers of queries which are being replied upon.

Interim measures taken up by K.M.C.

- ❖ KMC has constructed 77 nos. of Community Sanitary Latrines, demolishing the make shift toilets amounting to an expenditure of approximately Rs.87 lakhs.
- ❖ All the khatals along the banks of Tolly's Nullah (Adi Ganga) have been evicted.
- ❖ KMC has carried out temporary Fencing at vulnerable places of Br.X, Br.XI for about 2 km for restricting the access towards the Bank of Tolly's (Adi-Ganga) Nullah resulting in minimizing the solid wastes being dumped directly to the Nullah, amounting to an expenditure of around15 lakhs.
- ❖ KMC is carrying out cleaning of floating garbage on regular basis by installing10 nos. of floating garbage arrester.
- ❖ KMC has installed 04 nos. of organic Composter as follows:
  - □ Wardno.114,Kudghatbazar
  - □ Wardno.115,nearkarunamoyeeTemple,kudghat
  - □ Wardno.82,nearChetlaBridge
  - □ Wardno.73,BalaramBoseGhat
- ❖ KMC has carried out Awareness Campaigns on Regular basis. It has placed the Banner in Bengali language across the major Ghats of Tolly's Nullah (Adi-Ganga) to make the people aware.
- ❖ KMC has carried out urgent re-excavation/dredging at most polluted stretch of the upstream of Tolly's Nullah (Adi-Ganga) i.e. nearly 4.6 km, amounting to an expenditure of approximately Rs.1.3 crores.
- ❖ It has engaged one Consultant for preparation of DPR for "Detail Survey for Dredging and to ascertain proposed beautification of Tolly's Nullah (Adi Ganga) of length about 15.5 km and preparation of DPR". The work order for which has been issued on 08/02/2021 and the Report is expected to be submitted soon.

- It has already prepared estimate for Dredging of Tolly's Nullah (Adi-Ganga) from confluence point of Ganga to Chetla Bridge, amounting to Rs 11.16 cr. The work of dredging already started and the work is in under process. Below are some photographs showing the water quality of Adi Ganga after dredging and sustained pollution abatement measures.
- Due to sincere and successful interim measures, the water quality of Tolly Nullah has been improved. A good number of religious deities have performed Tarpan and Bathing in the Ghats of Adi Ganga during Mahalaya this year.

- ***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 on the progress of the work along with good quality photographs (The site inspection Report of KMDA for the month of September 2023. (Annexure-C)

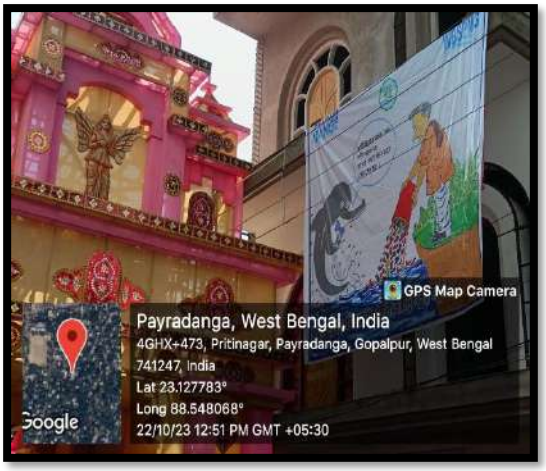
List of Some GOOD WORK done

1. **West Bengal is using the treated water extensively in Agricultural activities, Pisciculture and Gardening at different locations including EKW, Durgapur, Nabadwip, Bandipur, Konnagar and Kharda.**

2. **WBSPMG is setting up Stalls in different Melas, Events for mass awareness towards pollution abatement and also showcasing the use of treated water for Gardening, agricultural activities and Pisciculture. We have already booked stalls in Ganga Sagar Mela, Book Fair and other Melas for this purpose as use of Treated Water is a huge challenge in water abundant states like ours.**

3. **We have displayed the Design Parameters in all our STPs and we are now integrating these data in the Paribesh App of WBPCB so that the compliance status is instantly available in the App after water quality testing.**
4. **WBSPMG has displayed flex and banners containing Mass awareness and pollution abatement messages selected 5 Durga Pujas of 9 Ganga Districts and Kolkata. Pamphlets were also distributed to the public in order to make them consciousness.**

PHOTO GALLERY



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Photographs showing of emptying of Faecal Sludge in the functional STPs through Cess Pool

List of Annexures

Annexure-A: MOM Chief Secretary
Annexure-B: MOM Mahananda, Principal Secretary, Department of UD & MA
Annexure-C: Site Inspection Report, KMDA
Annexure-D: Water Quality Report, WBPCB

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

Minutes of the Meeting of the Liquid Waste Management taken by the Hon'ble Chief Secretary, Govt. of West Bengal on 25/08/2023 at 4:00 P.M. at 13th Floor Conference Hall, Nabanna, Howrah.

At the outset Hon'ble Chief Secretary welcomed all in the meeting and asked Program Director WBSPMG to present the updated progress of different projects under taken in the Liquid Waste Management Program in the State. The following issues were discussed at length and subsequently decisions taken as under:

1) **Pollution Abatement Work in River Churni by installation of a STP at Jianagar of 5.2 MLD Capacity:**

Chief Secretary sir enquired on the land issues regarding setting up of STP for River Churni at Jianagar. On this issue, District Magistrate Nadia stated that he is looking into the matter and also requested KMDA to go ahead with the work.

Chief Secretary directed District Magistrate Nadia to expedite the matter.

[Action: DM Nadia, KMDA]

2) **Pollution Abatement Work for River Ganga at North Barrackpore STP-II at Manirampur of 8 MLD capacity to be implemented under HAM:**

Program Director, WBSPMG appraised Hon'ble Chief Secretary on the land issues for setting up STP-II at North Barrackpore, Manirampur and also stated the difficulties being faced with respect to the approached road. She further informed that the Commissioner of Police, Barrackpore Police Commissionerate is personally following up the matter for early.

Program Director, WBSPMG further intimated that the financial closure of the Project will be achieved by the September, 2023 considering the STP proposed to be setup at Babanpur.

Chief Secretary desired to get an Updated Status of the Financial Closure in the next Review Meeting.

[Action: NMCG, WBSPMG, KMDA]

3) **MoU on Re-use of Treated Water of Asansol – Durgapur STPs:**

Program Director, WBSPMG intimated that the MoU between the Ministry of Power and NMCG has been signed on 26/09/2022 but MoU between the UD & MA Department, Government of West Bengal and the DVC is required to be entered into and will be taken up shortly.

Chief Secretary stated that Government has already nominated Senior Special Secretary, Department of UD & MA to sign the MoU on behalf of the Government. The matter will be taken up for review in the next meeting.

[Action: WBSPMG, Department of UD & MA]

4) **Pollution Abatement Work in Tolly's Nullah (Adi Ganga) Project under NMCG Programme:**

A Pre-Tender Meeting was convened involving the prospective bidders to aware them on the scope of work and other modalities under which bid is being invited. Response has been encouraging and it is expected that the response in the Tender would be good. In the meeting, detailed schedule of Tender has been spelt out so that the bidder gets ample opportunity to participate in the bid.

The matter will be placed in the next meeting for review.

[Action: WBSPMG, KMC, NMCG]

5) The Progress on Construction of STPs:

The Program Director, WBSPMG appraised the meeting on the Progress on Construction of STPs. The Projects as below are expected to be completed by December, 2023.

i) Howrah, Bally Project will be completed.
ii) Baranagar – Kamarhati Project will be completed.
iii) Three Projects of KEIIP at Joka, M.G. Road Rania will be completed.
iv) Hooghly Chinsurah will go for partial commissioning.
v) Churni STP II and III will go for partial commissioning.

Chief Secretary has desired that strict monitoring to be done to ensure the completion of this Project within the targeted timeline.

[Action: KEIIP, KMDA, WBSPMG, Department of UD & MA]

6) Pollution Abatement Work at Bagjola Canal:

Tender for setting up of STPs are under different stages and funding of the Projects would be done from Ring Fenced Fund Account.

Chief Secretary instructed to expedite the Tendering Process.

[Action: KMDA, Department of UD & MA]

7) Pollution Abatement Work for Kestopur Canal:

Hon'ble Chief Secretary pointed out that the environmental improvement is essential in and around Kestopur Canal and he opined that the Executing Agencies can consider for setting up of Community Latrine to improve the environmental condition.

[Action: SUDA, Department of UD & MA]

8) Progress of Asansol – Durgapur STP:

The revised DPR is in final stage and it will be sent to NMCG shortly.

Chief Secretary instructed to expedite the Tendering Process.

[Action: WBSPMG, KMDA]

9) Progress of Krishnanagar STP:

Kishtwar Survey is on process. DPR will be finalized shortly.

Chief Secretary instructed to expedite the Tendering Process.

[Action: WBSPMG, KMDA]

10) Sludge Management:

Program Director, WBSPMG informed that of late State has co-treated septage of 598.2 Kl in the 5 functional underutilized STPs situated in Gayespur, Halisahar, Budge Budge, Nabadwip & the Barrackpore Municipalities.

Tender for Sludge Management of functional STPs has been finalized and it is being sent to NMCG for approval for funding.

The matter will be taken in the review Meeting.

[Action: WBSPMG, Department of UD & MA, KMDA]

11) Pendency of DPR with the NMCG:

The Program Director, WBSPMG presented in the meeting the plan for Project Proposals against the provision of ₹ 2885 Cr. under NG II as below:

i)	Project Proposals already sanctioned by NMCG	₹ 1167.51 Cr.
ii)	Project Proposals sent & under consideration of NMCG	₹ 225.75 Cr.
iii)	Project Proposals prepared & under process of sending it to NMCG	₹ 769.61 Cr.
iv)	Preparation of DPR for Shantipur, Chapdani, Serampore, Diamond Harbour, Uluberia under Progress	₹ 722.13 Cr.
		₹ 2885.00 Cr.

Chief Secretary directed to follow up with NMCG on regular basis.

[Action: WBSPMG, NMCG]

12) (A) Installation of CBG Plants in West Bengal for Pollution Abatement of River Ganga:

The Program Director, WBSPMG informed that CBG Plant at Dankuni of 110 TPD with the involvement of HPCL by using Cow Dung and segregated solid waste from the adjoining area of 6 Municipalities and Rural Areas within a radius of 20 Kms of Dankuni Canal is on progress.

Chief Secretary desired to expedite the process. The matter will be reviewed thoroughly in the next meeting.

(B) CBG Plant at North 24 Parganas:

The GAIL, a PSU has approached to the Department of UD & MA for installation of the CBG Plant with the capacity of 200 TPD. Primarily a land parcel has been identified in Palta (North Barrackpore Municipality) under Housing Board. Several rounds of meeting have been done with GAIL.

Hon'ble Chief Secretary, West Bengal desired to Review the Progress in the next meeting.

[Action: WBSPMG, Department of UD & MA, KMDA]

13) Legacy Waste Management:

A detailed presentation has been shown and a detailed discussion has also been held with respect to the Bio Mining of the Legacy Waste. Chief Secretary has expressed his satisfaction over the progress and directed KMDA to keep the ongoing pace so that the Bio Mining work in all the legacy dumpsites can be completed within the target date. The matter will be reviewed in the next Meeting.

[Action: KMDA]

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

Chief Secretary to
the Govt. of West Bengal

Minutes of the Review Meeting on the progress of STP projects and related technical issues in river Mahananda held under the chairmanship of Principal Secretary, UD & MA Department on 21.08.23 at 4.00 PM at Conference Hall, WBSPMG, Unnayan Bhawan, DJ – 11, Sector – II, Salt Lake, Kolkata–700091.

Members participated in the meeting are as per annexure enclosed herewith.

Principal Secretary, UD & MA Department took the chair and initiated discussions. CE, KMDA presented a PPT highlighting the progress made on 2 STPs (STP –II & STP –III) with a detailed survey report on the prospective sewer network on the existing road network for STP-II based on the decisions taken in the Meeting of the Core Committee on August 4, 2023. Additionally, detailed drawings were shown for construction of a low height weir with gated arrangement for channelizing waste water from Jorapani Fuleswari River to STP-III.

After threadbare discussions, following decisions were taken.

(A) Technical Decisions -

1. **Sewage Treatment Plant –II** on the Left bank of River Mahananada (STP –II)
   - Taking into account the potential constraints associated with the current road network including factors such as probable collateral damage, exclusion of a part sewage generation and higher CAPEX and OPEX cost as assessed by the CE, KMDA, as well as opinion provided by the Executive Engineer, I & WD, it is decided that laying of trunk Sewer line/intercepting sewer line should be planned by utilizing river bank. If river bank does not permit to lay entire sewer network, planning should be made for utilising both the river bank and river slope.
   - On this matter, it is also decided that an evaluation of stability of slope is necessary. Moreover, positioning of Manhole openings should be such that exposed portion from the slope is above High flood level (HFL) of river Mahananda.
   - To proceed, it is essential to secure a No Objection certificate (NOC) from the appropriate authority of I & WD and WBPCB for laying of trunk sewer ling as planned above prior to finalization of Minutes of the Meeting (MoM). KMDA is required to initiate necessary process to obtain the required NOC from I&WD and WBPCB.

     [Action: KMDA]

2. **Sewage Treatment Plant –I** at right Bank of river Mahananda (STP-I)
   - All outfall drains leading to River Mahismari must be intercepted and diverted to STP 1. NABCON is required to deliver a presentation on the final DPR on September 1, 2023 before Technical Committee.

     [Action: NABCON]
   - Certification from KMDA is a mandatory requirement for initiating payment to NABCON for consultancy charges

     [Action: KMDA, AMRUT]

3. **Sewage Treatment Plant –III** at Jorapani Fuleswari (STP –III)
   - The approval of the appropriate authority of I & WD is necessary for effective implementation of a low height weir with gated arrangement to channelize waste water from Jorapani Fuleswai River to STP-III.

     [Action: KMDA]

(B) Administrative Decisions -

1. Sewage Treatment Plant –I

- Hon'ble Mayor has expressed keen interest in involving Siliguri Municipal Corporation (SMC) in the project's implementation, collaborating with KMDA. File will be placed before Hon'ble MIC for his kind instructions.

[Action: UD & MA Deptt.]

2. Sewage Treatment Plant –III

- A feasibility study involving IIT, Kharagpur must be conducted to assess the potential rehabilitation of existing interception and diversion sewer, or alternatively, the installation of new diversion sewers to divert waste water from SMC to STP-III keeping in view the action plan of I & WD which has been prepared for rejuvenation of Jorapani Fuleswari Rivers. Principal Secretary, UD & MA Department has directed to organise a joint visit with participation of SMC, KMDA and I & WD in this process.

[Action: UD & MA Deptt.]

Lastly, it is decided that IIT, Kharagpur will be engaged as a Third Party Agency (TPA) to oversee the cost effective implementation of all the three (3) STP projects in Mahananda River. *[Action: UD & MA Deptt.]*

As there were no other issues to discuss, the meeting ended with thanks to & from the chair.

Dr. T.K. Gupta, Chief Technical Advisor, WBPCB	
Prof. A. Majumder, Expert Member, LWM Committee	
Prof. Partha Ghosal, Assistant Professor, School of Water Resources Indian Institute of Technology, Kharagpur	
Sri K.Basak, Director General, GAP,KMDA	
Sri P.Roy, Chief Engineer, GAP,KMDA	
Sri B.Das, Chief Engineer, MED	
Smt. Saheli Choudhury, Additional Chief Engineer, SJDA & Chief Engineer, SMC	
Sri Priyam Goswami, Executive Engineer, Department of Irrigation & Waterways	

Commissioner
Siliguri Municipal Corporation

Executive Engineer
Siliguri Irrigation Division
Siliguri

Municipal Commissioner
Siliguri Municipal Corporation

Program Director,
WBSPMG

&
Secretary, KMDA

Principal Secretary
Department of UD & MA

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Site Inspection Report.

Month- September 2023

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	27.77	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	18.98	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 done =18000, house connection remaining= 12000	NIL

Sl. No.	Location	ULB Jurisdiction	Capacity in MLD	Actual utilization at present	Reasons for underutilization if any	Status of installation of OCEMs	Status of House Connection (if any)	Incremental progress over the last visit
3	Gayeshpur	Gayeshpur	8.33	3.86	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	8.91	Only for available drain connection	Not install till now	Household connection in the scope (Nos.)-13200, Pipe line laid for -11265 nos Connection to the source (Nos.)-658 The individual household connection is in progress in Ward No. 7, 8 & 11 only. In Ward No. 10, 12 & 16 the same will be started shortly after getting consent from ULB. The Individual household connection in the other wards has been held up due to some technical reasons.	Under O&M HDPE PIPELINE = 100 Mtr. Jack Push work : 10 Mtr. Manhole : 8 nos IP : 8 nos
5	Barrackpore	Barrackpore	24.0	7.00	Sewerage network could	Not install till now	Barrackpore Municipality is	Operation &

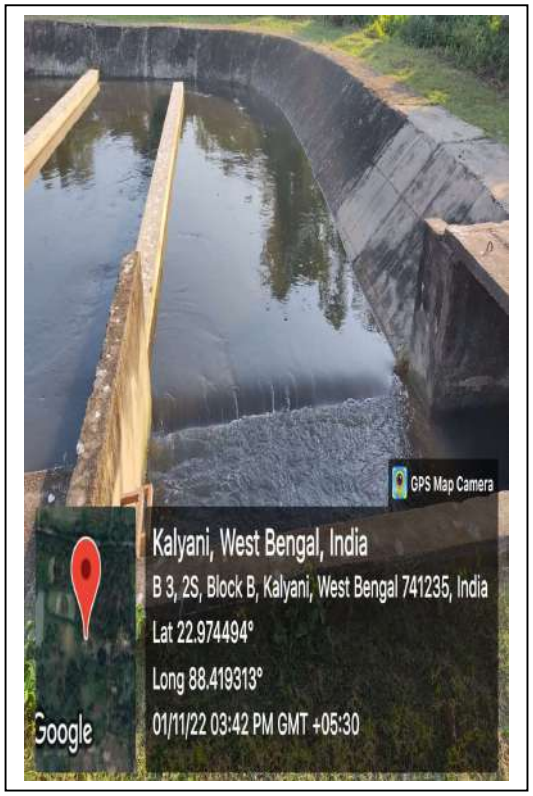
Sl. No.	Location	ULB Jurisdiction	Capacity in MLD	Actual utilization at present	Reasons for underutilization if any	Status of installation of OCEMs	Status of House Connection (if any)	Incremental progress over the last visit
					not been completed as the Local Municipal authority has barred the Sewerage network at present for the ensuing assembly poll and House connection work has also not been completed. Presently sewage from the existing drains are being taken by I& D structures		executing a part (about 4,150 connections) of the house connection work and KMDA has invited 24 nos. ward wise tender for balance 31,000 connections. During 1st call no bidder participated. In 2nd call tender, out of 24nos work, bidders participated only for 7 nos tenders, out of which 6 nos tenders to be sent to DTC as numbers of bidder is less than three. Financial bid will be opened tomorrow. Further tendering for balance house-connections is proposed in Halisahar mode.	Maintenance work for STP started
6	Halisahar	Halisahar	16.0	4.83	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	Not install till now	Due to pending work of house connection Total House connection needed 32866. Achieved Chamber nos 21214 , Connection to the source –620	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
					collect water.			
7	Bandipur (Khardah)	Khardah	14.00	11.99	a.Necessary permission from railway to rectify/restore the leakage of rising main pipe yet not receive from the competent authority till to date.	Not install till now	NA	Operation & Maintenance work for STP started.
8	Garulia	Garulia	4	3.10	a.Irregular/inadequate pumping due pump break down etc may cause defficit in inlet discharge. b. Irregular cleaning of Debitola Pacha Khal 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.
9	Naihati	Naihati	6.50	0.00	a.Irregular/inadequate pumping may cause defficit 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	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
					inlet discharge.			
10	Naihati	Naihati	11.56	8.09	a.Irregular/inadequate pumping may cause defficit 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	10.20	a.Necessary permission from PWD to rectify/restore the leakage of rising main pipe yet not receivethe from the competent authority till to date.	Not install till now	NA	Operation & Maintenance work for STP started.
12	Titagarh	Titagarh	9.00	6.75	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	5.051	-	Not install till now	NA	Operation & Maintenance work for STP started.
14	Bhadreswar	Bhadreswar	7.60	4.65	-	Not install till now	NA	Operation & Maintenance work for STP started.
15	Chandannagar	Chandannagar	22.66	12.27	During dry season level of water reduces accordingly.	Not install till now	NA	Operation & Maintenance work for STP started.
16	Bansberia	Bansberia	0.30	0.35	NA	Not install till now	NA	Operation & Maintenance work for STP

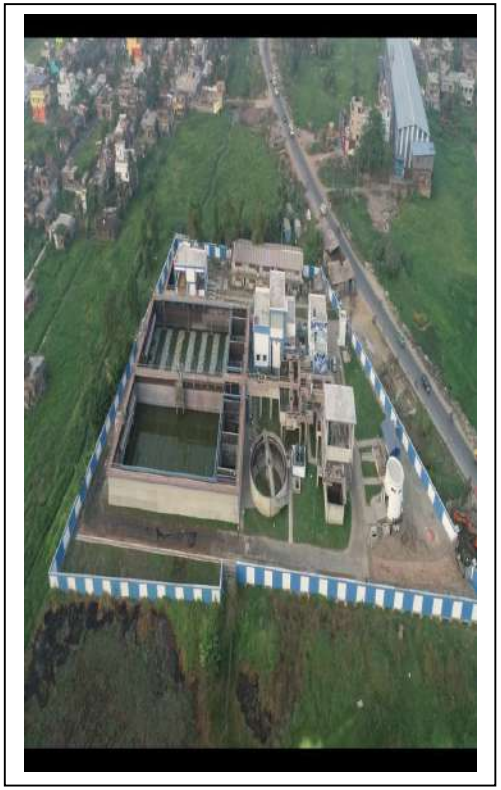
Sl. No.	Location	ULB Jurisdiction	Capacity in MLD	Actual utilization at present	Reasons for underutilization if any	Status of installation of OCEMs	Status of House Connection (if any)	Incremental progress over the last visit
								started.
17	Uttarpara – Kotrung and Konnagar	Kanaipur Gram Panchayet	22.00	0.00	NA	Not install till now	NA	Trial run started from 27.07.2022) cleaning, repairing & renovtion of network- is under progress.
18	Nabadwip	Nabadwip	9.50 MLD	9.5	Actual capacity will reached in the year 2051	Installed	NA	O&M started from 01/07/2022
19	Kanchrapara	Kanchrapara	18.00 MLD	1.44	-	Not install till now	-	Trial & Run started from 01/09/2022

SITE VISIT PHOTOGRAPH OF STP UNDER OPERATION& MAINTENANCE STAGE IN September 2023



KALYANI

KALYANI



BARRACKPORE

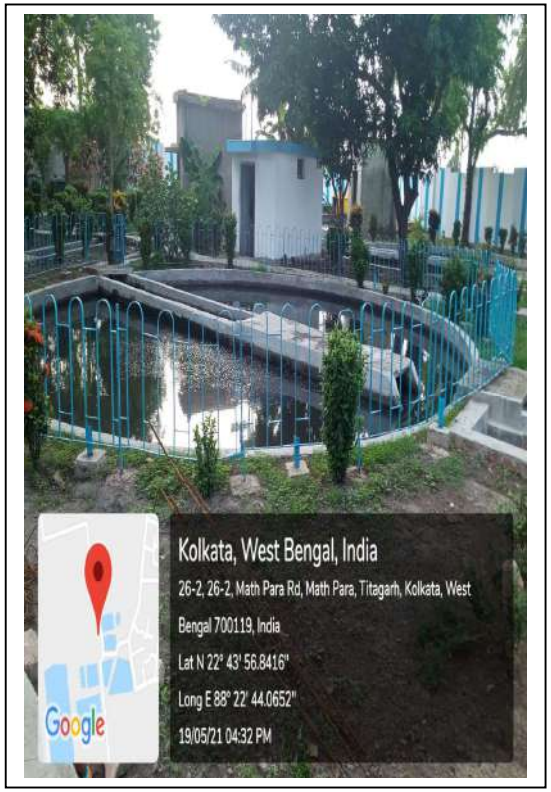
Chlorination Building

GAYESHPUR

HALISAHAR

KALYANI

Budge budge

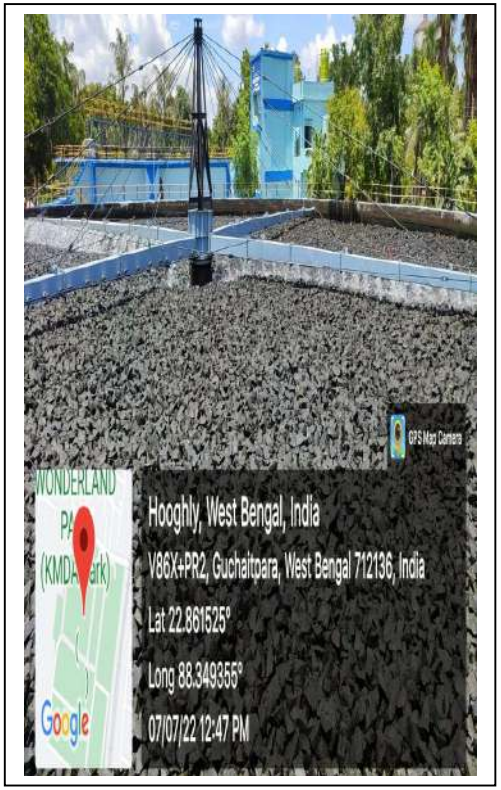


TITAGARH

NAIHATI

Baidyabati

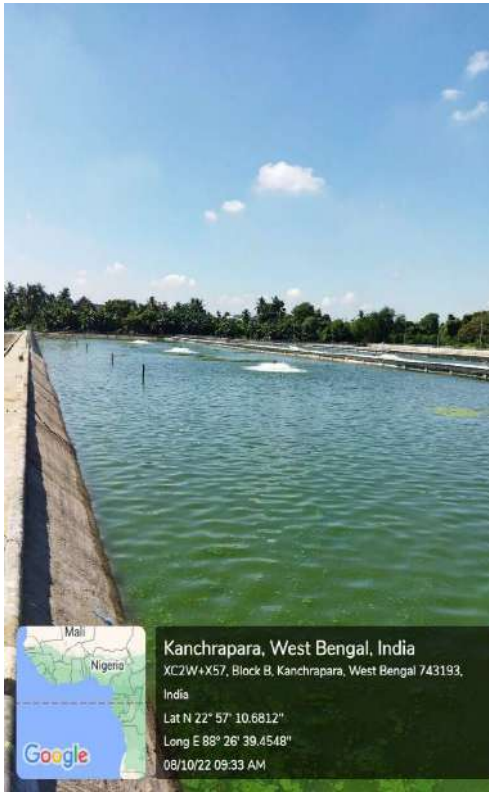
Bhadreswar



Chandannagore

NABADWIP

Kanuipur 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	MAR-2024	Progress as on 30.09.2023 For Civil parts =77% E & M - 75%, Overall progress =76% . 1) SBR BASIN water tightness test going on. 2) Chorination tank water tightness test going on.. 3) Sewerage network design as well as structural design are going on. 4) Admin building finishing work going on. 5) 500 dia D.I pipe is laying on almost completed & laying of 600 mm dia DI pipe going on & gravity line going on. 6) LS3 work going on	

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
					7) MPS work going on. 8) LS3 work going on 9) Jack pushing work going on.	
2	Jangipur	Jangipur	8.00 MLD	MAR-2024	Physical progress- upto 30.09.2023 Civil Work 79.1 %. Completed i) SBR Basin: SBR wall is under progress.-Civil-98% Completed. ii) Inlet Chamber: Civil- 81% Completed. iii)MCC- Blower Room: Civil Work-83% Completed. iv) Centrifuge House of STP: Civil work-95% Completed. v) Chlorination Building : Civil work-96% Completed. vi) CCT : Civil Work-93% Completed. vii) MPS- 1 no. 43.33% Completed (7th Lift wall casting completed.) viii) Boundary Wall- Civil work-70% m Network(Raghunathganj and Jangipur): DWC-3018 m completed	
3	Raghunathganj	Jangipur	5.00 MLD	MAR-2024	Physical progress- upto 30.09.2023 Civil Work 80.5% completed i) SBR Basin: Civil Work- 98% Completed. ii) Inlet Chamber: Civil Work- 86%Completed. iii)MCC- Blower Room: Civil Work-91% Completed. iv) Centrifuge House of STP: Civil Work-96% Completed. v) Chlorination Building : Civil Work-93% Completed. vi) CCT room: Civil Work-95% Completed. vii) MPS- 1no. Civil Work-48.33% viii) Boundary wall- 60% 1) LS at Global More: Civil work 23.26% completed. 2) UGLS at SHibaji Sangha: NOC issued on 01.02.2022., Drawing & Design is under progress.	

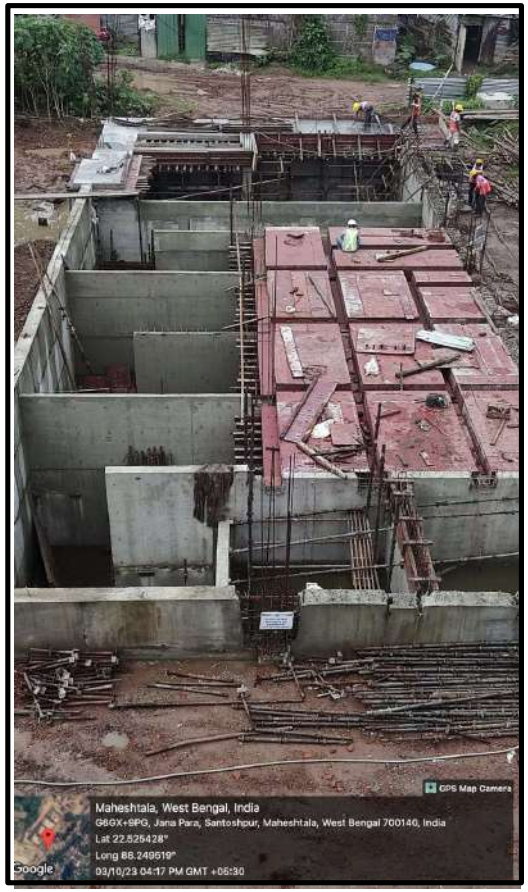
Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
					3) UGLS at Balighata: NOC has been issued on 07.07.2022. Drawing & Design is under progress.	
4	Berhampore	Berhampore	3.50 MLD	MAR-2024	Physical Progress upto 30.09.2023 : 47.57%(Considering actual progress as received from E&M Sector) Construction of STP Physical progress- Civil Work 54.5% Completed. i) SBR Basin: Civil Work-97% Completed. ii) MPS- 39% Completed iii) Centrifuse House- 77% Completed iv) Inlet Chamber- 64% Completed v) MCC Blower Room- 27% Completed. v) Boundary Wall- Civil work- 38 m Completed LS at Kapiler Math: NOC issued on 06.07.2022 , Civil work Progress-39% LS near DM Bungalow: NOC issued on 06.07.2022 , Progress-39% UGLS at Battala: 50% completed. Network: 79.5% The NOC for laying pipeline on Kaji Najrul Sarani has been issued from PWD on 17.05.2022 and Berhampore Municipality on 06.05.2022. Laying of HDPE (DWC) pipe of 3949m length done till date. Laying of Raising main of 727 m length done till date.	
5	Bally (Kona)	Jagacha Gram Panchayet	62.00	Sept.-2023	Overall Progress (Only Civil work except finishing): 97.3 % STP: 98.6% Network: Manhole Rising 100%	

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
					LS MPS Repair 86% Desilting 100% Pipe Laying 98%	
6	Arupara	Howrah	65.00	Sept.-2023	Overall Progress (Only Civil work except finishing):99.25 % STP :98.5% Network: Manhole Rising 100% LS MPS Repair 100% Desilting 100% Pipe Laying 100%	
7	Mathkal	Baranagar	60.00	Sept.-2023	Overall Progress (Only Civil work except finishing):99.58 % STP : 99.16% Network: Manhole Rising 100% LS MPS Repair 100% Desilting 100% Pipe Laying 100%	
8	Maheshtala	Maheshtala	35.00	June 2024	**Total:-37.35% completed till 30-09-23 consisting of :-** 1. 23.24% of STP Civil Process unit. 2. 2.71% of Office Building & Staff Quarter 3. 6.17% of Supply of Electromechanical Items. 4. 5.23% of Associate Infra Civil Structure & pipe Laying works **SBR Basin:-**Wall & Platform concreting in progress. **CCT:-** RCC Wall up to El + 8.3 Mtr work is 100% completed and slab shuttering WIP. **SHU:-** Pile cap 90 % Completed. SHU Sump Portion Raft Casting Completed. RCC wall of Sump portion up to El +7.0 mtr completed. **PTU:-** Pile Cap & Tie Beam 100%	

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
					completed. Column & beam WIP. **Admin Building:-** 1st floor roof slab 100 % completed. Brick work & Plastering in progress. **Staff Quarter:-** Brickwork & Plastering work is 100% completed.	

Hooghly Chinsurah

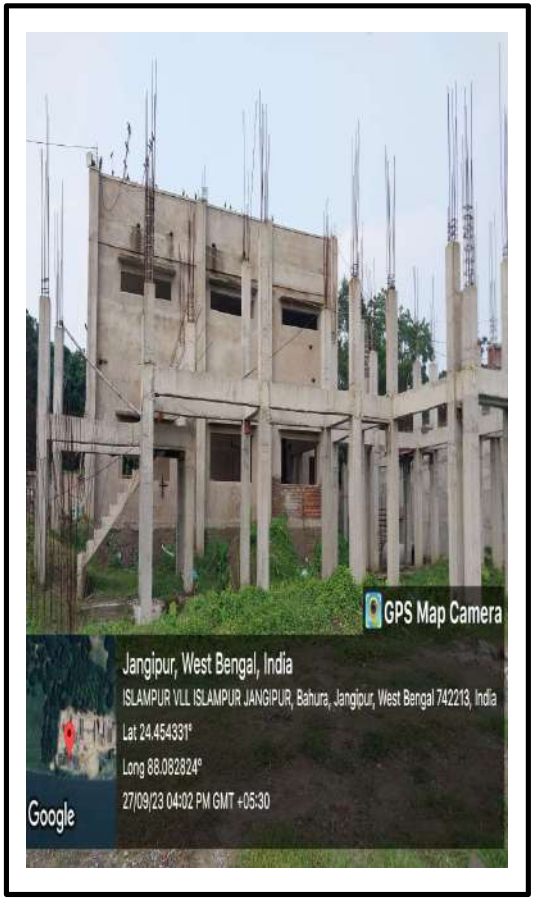
Hooghly Chinsurah



Maheshtala

RAGHUNATHGUNJ STP SITE

BEHARAMPORE



JIAGUNJ

Arupara

Bally

BARAHANAGAR

3. Status of PollutedDrains 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/interceptionof the drain of STP	Any alternative Pollution Abetment measures taken	Present Status	Incremental progress over the last visit
1.	Jangipur Drain	Jangipur	0.2 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	Chemical dosing, desilting work etc. has been taken up periodically	Dosing and Desilting work is in progress
2.	Halisahar Drain	Halisahar	97.2 MLD	To be intercepted in the Halisahar STP (16.00 MLD capacity) which is under execution.	NO	Installation of Lock gate completed and partial flow diverted to newly constructed 16.0 mld STP.	Installation of gate completed.
3.	Garifa Drain-South / Ramaghat Open pucca drain	Garifa	113.3 MLD	Considered to be connected with the STP 1 (6.50 MLD capacity) at Naihati in rejuvenation works under North 24 Parganas district.	NO	Civil construction for Lock gate completed.	Lock Gate Installed
4.	Garifa Drain-North	Garifa	6.5 MLD	Considered to be connected with the STP 1 (6.50 MLD capacity) at Naihati in rejuvenation works under North 24 Parganas district.	NO	Civil construction for Lock gate is completed.	Lock Gate Installed..
5.	Thanar Khal	Naihati	16.2 MLD	Considered to be connected with the STP 2 (11.56 MLD capacity) at	NO	Civil construction	Lock Gate Installed

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/interceptionof the drain of STP	Any alternative Pollution Abetment measures taken	Present Status	Incremental progress over the last visit
				Naihatiin rejuvenation works under North 24 Parganas district.		for Lock gate is completed.	completed.
6.	Imambara Khal	Hooghly-Chinsurah	13.0 MLD	Consider in Hooghly - Chinsurah Revised DPR	No	Technical Evaluation is in process.	NIL
7.	Chinsurah-Majir Rasta Drain	Hooghly-Chinsurah	88.1 MLD	Consider in Hooghly - Chinsurah Revised DPR	No	Technical Evaluation is in process.	NIL
8.	ChandniGhat Drain	Hooghly-Chinsurah	1.7 MLD	Consider in Hooghly - Chinsurah Revised DPR	No	Technical Evaluation is in process.	NIL
9.	DebitalaPancha Khal	Garulia	64.9 MLD	Considered to be connected with the STP (7.90 MLD capacity) at Garulia in rejuvenation works under North 24 Parganas district.	No	Installation of Lock gate completed and is diverted to STPwhich is under trial run after rejuvenation.	NIL
10.	Serampore/Bhagirathi Drain	Serampore	14.60	Planned to be diverted to the existing Serampore STP which will be renovated after the finalization of Tender	No	NA	Nil
11.	Chatra Khal	Serampore	70.00	Planned to be diverted to the existing Serampore STP which	No	NA	NA

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/interceptionof the drain of STP	Any alternative Pollution Abetment measures taken	Present Status	Incremental progress over the last visit
				will be renovated after the finalization of Tender			
12.	Barrackpore Khal (S. P. Banglow)	North Barrackpore	43.2 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	DPR stage	NIL
13.	Gandhi Ghat Drain	Barrackpore	4.8 MLD	To be intercepted in the Barrackpore STP (6.00 MLD capacity) which is under execuation.	NO	Installation of Lock gate completed and partial flow diverted to newly constructed 6.0 mld STP.	NIL
14.	Dhobi Ghat Drain	North Barrackpore	1.2 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	DPR stage	NIL
15.	Titagarh Drain (BishalaxmiGhat)	Titagarh	21.7 MLD	Considered to be connected with the STP (14.10 MLD capacity) at Khardah-Bandipur in rejuvenation works under North 24 Parganas district.	NO	Installation of Lock gate completed and partial flow will be diverted to STP after rejuvenation.	NIL

Sl no.	Name of drain	City/Town of confluence point	Flow of drain(MLD)	Any STP operation/planned in the catchment area or likely diversion/interceptionof the drain of STP	Any alternative Pollution Abetment measures taken	Present Status	Incremental progress over the last visit
16.	Hasting Ghat Drain	Rishra	29.0 MLD	Considered to be connected with the existing LS at Rishra Hooghly district.	Considered to be connect at LS at rishra	Tender invited for preparation of DPR	Financial evaluation in progress
17.	DewangaziGhat Drain	Bally	7.6 MLD	Considered in Kona STP (62.00 MLD) at Bally which shall be executed by Ganga STP Project Pvt. Ltd. under HAM.	Not yet	STP Under execution	NIL
18.	JagatnathGhat Drain-1	Belur	17.3 MLD	Considered in Kona STP (62.00 MLD) at Bally which shall be executed by Ganga STP Project Pvt. Ltd. under HAM.	No	STP Under execution	NIL
19.	Kamarhati Drain @ Jute Mill	Baranagar	25.9 MLD	Considered in Kamarhati-Baranagar STP (60.00 MLD) at Baranagar which shall be executed by Ganga STP Project Pvt. Ltd. under HAM	No	STP Under execution	NIL
20.	Kamarhati Drain @ PB Ghat	Panihati	2.9 MLD	Considered to be connected with the STP (12.00 MLD capacity) at Panihati in rejuvenation works under North 24 Parganas district.	No	Buffel wall construct inside the drain and diversion line from the PBghat to nearest manhole has been completed.	NIL
21.	Kuthighat Drain/ Baranagar Khal	Baranagar	2.1 MLD	Considered in Kamarhati-Baranagar STP (60.00 MLD) at Baranagar which	No	NIL	NIL

Sl no.	Name of drain	City/Town of confluence point	Flow of drain(MLD)	Any STP operation/planned in the catchment area or likely diversion/interceptionof the drain of STP	Any alternative Pollution Abetment measures taken	Present Status	Incremental progress over the last visit
				shall be executed by Ganga STP Project Pvt. Ltd. under HAM.			
22.	ChitpurGhat Khal/ Circular Canal	Chitpur	458.6 MLD	KMC area connected with Bangur STP & EKW. (KMC)	No	Under KMC	Under KMC
23.	Cossipore / Kashipur drain	Cossipore	9.5 MLD	Connected to Bangur STP. (KMC)	NO	Under KMC	Under KMC
24.	TelkalGhat Drain	Howrah	13.7 MLD	Considered in Arupara STP (65.00 MLD) at Howrah which shall be executed by Ganga STP Project Pvt. Ltd. under HAM	NO	STP Under execution	Nil
25.	RamkrishnaGhat Drain	Howrah	0.2 MLD	Considered in Arupara STP (65.00 MLD) at Howrah which shall be executed by Ganga STP Project Pvt. Ltd. under HAM	NO	STP Under execution	Nil
26.	101,Foreshore Road Drain	Howrah	8.2 MLD	Considered in Arupara STP (65.00 MLD) at Howrah which shall be executed by Ganga STP Project Pvt. Ltd. under HAM	NO	STP Under execution	Nil
27.	TollyNala	Dahighat, Hastings, Kolkata	844.5 MLD	3 new STPs are proposed (KMC)	Under KMC	Tolly'sNullah is guarded with 8 floating garbage arrester nets at	Under KMC

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/interceptionof the drain of STP	Any alternative Pollution Abetment measures taken	Present Status	Incremental progress over the last visit
						different locations to arrest the floating materials for the ease of removing the same from reaching to the River.	
28.	Nimtala Burning Ghat Drain	NimtalaGhat, Kolkata	24.9 MLD	This is combined sewer overflow line. Thereis 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	Metiabrutz, Kolkata	80.9 MLD	Draft DPR for I&D submitted to NMCG for approval on 30.03.2019. 3 New STPs are proposed.	Under KMC	Dhankheti Khal is guarded with 3bar screens at different locations to arrest the floating materials for the ease of removing the same from	Under KMC

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/interceptionof the drain of STP	Any alternative Pollution Abetment measures taken	Present Status	Incremental progress over the last visit
						reaching to the River.	
30.	Shibpur Burning Ghat Drain	Shibpur-Howrah	5.4 MLD	Considered in Arupara STP (65.00 MLD) at Howrah which shall be executed by Ganga STP Project Pvt. Ltd. under HAM.	No	STP under execution	Nil
31.	Bagherkhal	Kanchrapara	134.50	To be diverted to the ongoing Kancrapara STP	No	I&D work is under Progress	Nil
32.	130 Foreshore Road Drain	Howrah	15.6 MLD	Considered in Arupara STP (65.00 MLD) at Howrah which shall be executed by Ganga STP Project Pvt. Ltd. under HAM	No	STP under execution	Nil
33.	Alliance Mill Drain	Bhatpara	5.2 MLD	Diverted to 31 MLD STP at Jaggadal	No	Already intercepted and diverted to Ex-LS-04 and finally delivered to 31 MLD STP at Jaggadal	NA
34.	Rosbara Khal	Bandel	168.3 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	Tendering stage	Nil
35.	Old Muni Khali Khal	Mahestala	6.9 MLD	Considered in Maheshtala I&D network project	No	Land hand over isin	

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/interceptionof the drain of STP	Any alternative Pollution Abetment measures taken	Present Status	Incremental progress over the last visit
						process.	
36.	Bhatpara Drain	Bhatpara	2.6 MLD	NO	NO	DPR already sent to NMCG for approval	NIL
37.	Pratapnagar-Rajbari Drain	Bhatpara	35.3 MLD				
38.	Bhatpara-Open pucca drain	Bhatpara	58.3 MLD			Already been taken up by GAP sector KMDA	NIL
39.	Bagh Khal	Rishra	29.5 MLD	NO	Tender invited for Preparation of DPR for Rishra Municipal Town in I&D with STP.	Tender invited for preparation of DPR	Financial evaluation in progress
40.	Majher Char Khal	Kalyani	3.9 MLD	NO	This drain will receive 90% of its flow from Kalyani Town and therefore a disinfection unit proposed	NIL	NIL

Sl no.	Name of drain	City/Town of confluence point	Flow of drain(MLD)	Any STP operation/planned in the catchment area or likely diversion/interceptionof the drain of STP	Any alternative Pollution Abetment measures taken	Present Status	Incremental progress over the last visit
					there.		
41.	Champdani Ferry Ghat / PaolghatDrain	Chapdani	2.6 MLD	I&D work proposed after Augmentation/Up-gradation of existing STP at Serampore&Champdani Municipal town.	Tender Invited for preparation of DPR.	Approval awaiting from DTC,UD&MA	Financial evaluation in progress
42.	Khardah Khal	Khardah	271.5 MLD	NO	Drain with humungus capacity and flow will be treated as separate canal/River	Tender invited for preparation of DPR	Financial evaluation in progress
43.	N.C. Pal Khal	Sankrail, Howrah	10.7 MLD	NO	Tender invited forPreparation of DPR for Howrah added zone in I&D with STP	Tender invited for preparation of DPR	Financial evaluation in progress
44.	Saraswati Khal	Howrah	20.6 MLD	NO	Tender invited forPreparation of DPR for Howrah added zone in I&D with	NIL	NIL

Sl no.	Name of drain	City/Town of confluence point	Flow of drain(MLD)	Any STP operation/planned in the catchment area or likely diversion/interceptionof the drain of STP	Any alternative Pollution Abetment measures taken	Present Status	Incremental progress over the last visit
					STP.		
45.	DhopaGhat Drain	Bansberia	0.1 MLD	NO	NO	Interception of the drain is not possible	NIL
46.	Chandannagar Drain	Chandannagar	0.4 MLD	Taken up into the STP at Chandannagar by I&D work	NO	Work started soon	NIL
47.	Nazerganj Khal	Sankrail, Howrah	1075.2 MLD	No	Preparation of DPR for Howrah added zone in I&D with STP	Tender invited for preparation of DPR	Financial evaluation in progress
48.	ITC Triveni Drain	Hooghly	0.5 MLD	No	No	M/S ITC Tribeni Tissue factory has been directed to install STP for their housing quarters. Monitoring of the same to be done on regular basis.	Action plan of this drain has been submitted by WBPCB.

Sl no.	Name of drain	City/Town of confluence point	Flow of drain(MLD)	Any STP operation/planned in the catchment area or likely diversion/interceptionof the drain of STP	Any alternative Pollution Abetment measures taken	Present Status	Incremental progress over the last visit
49.	Akhra Food Ghat drain (New Muni Khali Khal)	Mahestala	362.9 MLD	No	No	Approval awaiting from DTC,UD&MA	Financial evaluation in progress
50.	DVC Canal	Champdani	353.6 MLD	No	No		
51.	Bazarpara–Garighat Drain / Sharenga drain	Sarenga-Sankrail, Howrah	185.9 MLD	No	No	For Sarenga Khal, where 9 no. of effluent generating units are discharging effluents, WBPCB has already taken regulatory action.	Action plan of this drain has been submitted by WBPCB.
52.	Baidyabati Drain	Baidyabati	576.0 MLD	No	Drain with humungus	Tender invited for	Financial evaluation in

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/interceptionof the drain of STP	Any alternative Pollution Abetment measures taken	Present Status	Incremental progress over the last visit
					capacity and flow will be treated as separate canal/River	preparation of DPR	progress
53.	Bally Khal	Bally	4860.0 MLD	NO	Drain with humongous capacity and flow will be treated as separate canal/River	Second call for Tender has been invited for preparation of DPR	Financial evaluation in progress
54.	Singhi More Khal	Sankrail, Howrah	1.1 MLD	NO	Tender invited forPreparation of DPR for Howrah added zone in I&D with STP	Tender invited for preparation of DPR	Financial evaluation in progress
55.	BTPS Out fall Drain-I	Hooghly	5.9 MLD	No	No	WBPCB taken regulatory action.	NIL
56.	Bagher Khal	Kanchrapara	134.50 MLD	To be diverted to the ongoing Kancrapara STP	No	I&D work is under Progress	Nil

SITE VISIT PHOTOS OF OUTFALLS IN AUGUST 2023

GARIFA SOUTH (RAM GHAT)

HALISAHAR DRAIN LOCKGATE

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

1437785/2021/O/o JS(UDMA)

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 compulsorySiteVisitseverymonthandmonitortheprogressofdifferentProjectswhichinclude:

1. Visit to STPs under Construction, Rejuvenation, Renovation, Household Connections, laying of Sewer network including routinevisits.
2. VisittothePollutedDrainsandreviewtheprogressofdifferentPollutionAbetmentmeasuresbeingtaken.
3. Visit to the identified Polluted River stretches and review the progress of different Pollution Abetment measures being taken thereon and on theoutfalls.

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. CEOKMDA
3. CEOSJDA
4. CEOADDA
5. Chairman, Liquid Waste ManagementCommittee
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'bleMIC
16. PS to PrincipalSecretary

Joint
SecretaryUD&MA
Department

Water Quality of Polluted River stretches of 17 rivers in West Bengal during July 2023

[Priority changed based on Polluted River stretches for Restoration of Water Quality - 2022 (Draft) , published by CPCB]

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)	7.3	6.3	1.85	130000	14000	110
	Mahananda	Ramghat(Downstream)	6.11	5.2	15	500000	110000	1100
II	Vidyadhari	Haroa bridge (upstream)	7.67	NIL	13	79000	43000	320
	Vidyadhari	Malancha (downstream)	7.43	1.08	9.89	70000	33000	460
II	Churni	Downstream of Ranaghat town	7.22	2	3.33	79000	54000	1700
	Churni	Majhdia	7.11	2.3	4.5	17000	5400	790
III	Matha bhanga	Gobindapur	7.5	5.6	2.7	24000	5400	790
IV	Ganga	Farakka	7.55	7.1	2.05	1300	490	49
	Ganga	Farakka	7.24	6.5	2.4	940	310	23
	Ganga	Baharampore	7.1	7.5	2.1	24000	9200	700
	Ganga	Baharampore	7.41	6.8	1.5	13000	5400	490
	Ganga	Gorabazar	7.29	7.5	2.25	7000	1300	310
	Ganga	Gorabazar	7.1	7	2.6	13000	3500	490
	Ganga	Khagra	7.32	7.8	1.9	1100	460	33
	Ganga	Khagra	7.29	8	1.6	5400	2400	110
	Ganga	Nabadip	7.68	6.7	2.35	3500	1700	240
	Ganga	Nabadip	7.79	6.7	2.8	2800	1400	170
	Ganga	Tribeni	7.38	6.1	1.75	3500	1300	79
	Ganga	Tribeni	7.14	5.6	1.85	2200	1100	70
	Ganga	Palta Shitalatala	7.37	5.1	2.55	11000	2800	490
	Ganga	Palta Shitalatala	7.32	6	1.9	7900	3500	460
	Ganga	Palta,	7.5	5.6	2.7	24000	5400	790
	Ganga	Palta	7.49	6	1.75	22000	5400	700
	Ganga	Serampore	7.25	5.5	2.6	54000	13000	790
	Ganga	Serampore	7.76	6.3	1.7	35000	17000	9400
	Ganga	Dakshmineswar	7.41	5.44	2.41	130000	70000	490
	Ganga	Dakshmineswar	7.03	5.57	2.69	94000	49000	460
	Ganga	Garden reach	7.09	5.2	2.7	170000	63000	580
	Ganga	Garden reach	7.05	5.3	2.65	130000	70000	540
	Ganga	Howrah-shivpur	6.97	5.3	2.65	130000	49000	460
	Ganga	Howrah-shivpur	7.15	5.4	2.54	110000	40000	490
	Ganga	Uluberia,	7.05	5.4	2.59	46000	23000	260
	Ganga	Uluberia,	7.18	5.5	2.57	39000	21000	220
	Ganga	Durgachak near Pathikhali,	8.4	6	1.75	9400	4900	170
	Ganga	Durgachak near Pathikhali,	8.2	6.4	1.6	7900	4600	220
	Ganga	Diamond harbour,	7.18	5.78	2.41	7900	3800	70
	Ganga	Diamond harbour,	7.38	5.77	2.47	7000	4600	110

Water Quality of Polluted River stretches of 17 rivers in West Bengal during July 2023

[Priority changed based on Polluted River stretches for Restoration of Water Quality - 2022 (Draft) , published by CPCB]

Priority	River	Stations	pH(Unit)	(DO) (mg/l)	BOD (mg/l)	Total Coliform(MPN/100 ml)	Fecal Coliform(MPN/100 ml)	Fecal Streptococci (MPN/ 100ml)
IV	KANSI	Downstream at Midnapore	7.6	6	2.75	6300	4000	93
IV	JALANGI,	Downstream of Krishna nagar	7.04	5.3	2.95	7900	1300	170
V	Damodar	Dishergarh	8.08	7.6	2.15	3200	2200	21
	Damodar	IISCO near Dhenna Village,	8.14	7.7	2.35	3900	2600	22
	Damodar	Narainpur	7.85	7.6	2.45	2700	2100	32
	Damodar	Near Mujher Mana Village	8.16	7.4	2.95	3400	2100	22
	Damodar	Andal D/s	7.87	7.7	2.8	3300	2100	26
	Damodar	Andal U/s	7.95	7.6	2.45	3200	1400	17
	Damodar	Asansol U/s	8.15	7.6	2.05	3300	2100	17
	Damodar	Durgapur U/s	7.9	7.7	2.75	4600	2200	21
	Damodar	Raniganj D/s	7.74	7.6	2.6	4000	2600	22
	Damodar	Water intake point for Burdwan Town	8.11	7.5	2.5	2600	2100	21
V	Dwarka	Upstream of Tarapith at Sadhak Bamdeb ghat	8.18	7.3	3.75	4000	3200	22
	Dwarka,	Downstream of Tarapith Satighat	8.2	7	4.05	4600	2600	21
V	Barakar	Asansol	8.2	7.6	2.25	3300	1700	26
V	Rupnarayan	Geonkhali	8.4	6.1	2.5	7900	4600	150
	Rupnarayan	Kolaghat (Down Stream)	8.4	6.2	1.35	7900	3900	150
V	Dwarakeshwar	Bankura town	7.86	7.7	2.75	3900	3200	26
V	Teesta	At Jalpesh	7.2	6.7	1.7	2200	1300	17
	Teesta	At Sevoke	7.65	7.9	2.1	8000	3000	13

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/100 ml)	Fecal Coliform(MPN/100 ml)	Fecal steeptococci (MPN/100 ml)
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

Water Quality of Polluted River stretches of 17 rivers in West Bengal during August 2023

[Priority changed based on Polluted River stretches for Restoration of Water Quality - 2022 (Draft) , published by CPCB]

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)	7.32	6.8	2	900000	300000	14
	Mahananda	Ramghat(Downstream)	7.18	5.0	18	1700000	700000	7000
II	Vidyadhari	Haroa bridge (upstream)	7.39	0.61	10	70000	33000	390
	Vidyadhari	Malancha (downstream)	7.1	1.33	9.75	63000	23000	400
II	Churni	Downstream of Ranaghat town	7.02	3.0	1.78	110000	92000	2200
	Churni	Majhdia	6.84	1.5	1.85	24000	9200	1100
III	Matha bhanga	Gobindapur	6.95	1.6	2.85	130000	54000	1300
IV	Ganga	Farakka	6.74	7.4	2.6	2300	790	33
	Ganga	Farakka	7.24	5.5	1.8	3300	1300	46
	Ganga	Baharampore	6.69	7.0	2.7	24000	9200	700
	Ganga	Baharampore	7.33	7.0	1.75	35000	9200	700
	Ganga	Gorabazar	6.75	6.8	2.8	13000	5400	790
	Ganga	Gorabazar	7.42	7.1	1.8	17000	3500	700
	Ganga	Khagra	6.79	7.20	2.55	9200	3500	130
	Ganga	Khagra	7.46	7.4	1.9	5400	1700	110
	Ganga	Nabadip	7.02	7.1	2.9	3500	1700	130
	Ganga	Nabadip	7.49	6.0	2.25	5400	2400	170
	Ganga	Tribeni	6.76	5.5	2.9	2400	1400	130
	Ganga	Tribeni	6.68	5.1	2.6	3300	1700	140
	Ganga	Palta Shitalatala	7.28	5.5	1.5	23000	7900	490
	Ganga	Palta Shitalatala	7.41	5.6	2.7	49000	14000	700
	Ganga	Palta,	7.21	5.4	1.7	33000	13000	1300
	Ganga	Palta	7.61	5.8	2.35	33000	7900	790
	Ganga	Serampore	7.24	5.3	2.0	70000	24000	1100
	Ganga	Serampore	7.36	5.8	2.6	79000	22000	1300
	Ganga	Dakshmineswar	7.39	5.66	2.5	110000	49000	380
	Ganga	Dakshmineswar	7.62	5.57	2.78	94000	40000	320
	Ganga	Garden reach	7.35	5.49	2.53	140000	79000	470
	Ganga	Garden reach	6.85	5.36	2.66	130000	63000	400
	Ganga	Howrah-shivpur	7.06	5.54	2.48	79000	46000	330
	Ganga	Howrah-shivpur	6.87	5.49	2.59	110000	49000	390
	Ganga	Uluberia,	7.58	5.68	2.42	40000	21000	270
	Ganga	Uluberia,	7.45	5.47	2.72	39000	22000	170
	Ganga	Durgachak near Pathikhali,	8.2	7.2	1.2	12000	7000	220
	Ganga	Durgachak near Pathikhali,	8.1	5.8	1.15	11000	7000	210
	Ganga	Diamond harbour,	7.19	5.67	2.51	7800	4500	46
	Ganga	Diamond harbour,	7.71	5.57	2.47	7000	3300	17

Water Quality of Polluted River stretches of 17 rivers in West Bengal during August 2023

[Priority changed based on Polluted River stretches for Restoration of Water Quality - 2022 (Draft) , published by CPCB]

Priority **The following four rivers have been removed fro** **improvement in water**	**River** **Stations** **quality in 2022 compared**		**pH(Unit)**	**(DO) (mg/l)**	**BOD (mg/l)**	**Total Colifor m(MP N/100 ml)**	**Fecal Colifor m(MP N/100 ml)**	**Fecal Strepto cocci (MPN/ 100ml)**
IV	KANSI	Downstream at Midnapore	8.10	7.0	2.8	4900	3300	78
IV	JALANGI,	Downstream of Krishnanagar	7.04	1.1	2.92	4900	1100	230
V	Damodar	Dishergarh	7.95	7.7	2.1	3200	2000	21
	Damodar	IISCO near Dhenna Village,	7.78	7.6	2.25	3300	1700	17
	Damodar	Narainpur	7.63	7.7	2.25	3200	2100	20
	Damodar	Near Mujher Mana Village	7.05	7.5	2.85	3200	2600	17
	Damodar	Andal D/s	7.69	7.6	2.65	2700	2100	26
	Damodar	Andal U/s	7.71	7.5	2.55	3900	2600	17
	Damodar	Asansol U/s	7.82	7.7	2.0	2100	1700	26
	Damodar	Durgapur U/s	7.7	7.6	2.7	4000	2400	22
	Damodar	Raniganj D/s	7.56	7.5	2.65	2600	1700	14
	Damodar	Water intake point for Burdwan Town	7.5	7.6	2.45	2600	2200	14
V	Dwarka	Upstream of Tarapith at Sadhak Bamdeb ghat	7.54	7.2	2.15	4000	2600	22
	Dwarka,	Downstream of Tarapith Satighat	7.49	7.1	2.85	4700	3200	21
V	Barakar	Asansol	7.85	7.7	2.05	3900	2100	22
V	Rupnarayan	Geonkhali	8.2	6.0	1.15	9400	4900	170
	Rupnarayan	Kolaghat (Down Stream)	8.40	5.1	2.25	9400	4900	200
V	Dwarakesh war	Bankura town	7.7	7.6	2.45	3300	2100	22
V	Teesta	At Jalpesh	7.4	6.6	2.0	8000	2200	110
	Teesta	At Sevoke	7.98	8.1	1.9	22000	7000	110

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/100 ml)**	**Fecal Colifor m(MP N/100 ml)**	**Fecal steeptoco cci (MPN/10 0 ml)**
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

Water Quality of Polluted River stretches of 17 rivers in West Bengal during September 2023

[Priority changed based on Polluted River stretches for Restoration of Water Quality - 2022 (Draft) , published by CPCB]

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)	7.01	7.3	2.7	300000	80000	49
	Mahananda	Ramghat(Downstream)	7.03	5.2	12	1700000	500000	7900
II	Vidyadhari	Haroa bridge (upstream)	7.34	0.51	9.61	110000	39000	330
	Vidyadhari	Malancha (downstream)	7.11	1.01	9.02	79000	46000	330
II	Churni	Downstream of Ranaghat town	6.88	1.9	2.92	130000	54000	2200
	Churni	Majhdia	7.14	1.8	2.86	24000	7900	940
III	Matha bhanga	Gobindapur	7.1	1.9	2.64	46000	17000	1300
IV	Ganga	Farakka	7.21	6.2	2.95	3500	1100	49
	Ganga	Farakka	7.27	6.7	1.8	2800	1300	70
	Ganga	Baharampore	7.09	6.9	2.4	14000	5400	700
	Ganga	Baharampore	7.52	6.9	1.6	24000	9200	1100
	Ganga	Gorabazar	7.12	6.8	2.4	13000	3500	490
	Ganga	Gorabazar	7.43	6.9	1.5	11000	5400	460
	Ganga	Khagra	7.41	7	2.9	5400	1700	79
	Ganga	Khagra	7.49	6.9	1.9	3500	1100	94
	Ganga	Nabadip	7.29	6	1.9	7900	2400	130
	Ganga	Nabadip	6.95	5.4	1.7	7900	3500	170
	Ganga	Tribeni	7.21	5.6	3	3500	1100	110
	Ganga	Tribeni	7.39	5.2	2.7	7900	1700	230
	Ganga	Palta Shitalatala	7.13	5.2	2.6	33000	11000	790
	Ganga	Palta Shitalatala	7.27	6.1	2.8	31000	14000	790
	Ganga	Palta,	7.22	5.2	2.6	49000	13000	940
	Ganga	Palta	7.09	6.4	2.9	49000	22000	940
	Ganga	Serampore	7.12	5.5	2.8	70000	17000	1400
	Ganga	Serampore	7.19	6.3	2.8	33000	13000	1100
	Ganga	Dakshmineswar	7.92	5.39	2.62	130000	79000	400
	Ganga	Dakshmineswar	7.24	5.36	2.53	110000	70000	460
	Ganga	Garden reach	7.41	5.29	2.81	130000	94000	490
	Ganga	Garden reach	6.93	5.46	2.57	110000	79000	470
	Ganga	Howrah-shivpur	7.37	5.15	2.87	110000	79000	460
	Ganga	Howrah-shivpur	6.84	5.36	2.71	94000	43000	390
	Ganga	Uluberia,	6.8	5.26	2.76	39000	21000	260
	Ganga	Uluberia,	7.17	5.26	2.63	40000	22000	240
	Ganga	Durgachak near Pathikhali,	8.1	5.7	1.2	11000	7000	200
	Ganga	Durgachak near Pathikhali,	8.3	5.5	1.25	9400	4600	200
	Ganga	Diamond harbour,	8.16	5.41	2.58	9200	6800	26
	Ganga	Diamond harbour,	7.45	5.41	2.52	11000	7800	33

Water Quality of Polluted River stretches of 17 rivers in West Bengal during September 2023

[Priority changed based on Polluted River stretches for Restoration of Water Quality - 2022 (Draft) , published by CPCB]

Priority	River	Stations	pH(Unit)	(DO) (mg/l)	BOD (mg/l)	Total Coliform(MPN/100 ml)	Fecal Coliform(MPN/100 ml)	Fecal Streptococci (MPN/ 100ml)
IV	KANSI	Downstream at Midnapore	8	6.5	2.05	6300	4600	110
IV	JALANGI,	Downstream of Krishna nagar	7.29	Sample spoiled	2.83	7900	3500	490
V	Damodar	Dishergarh	7.85	7.7	2	2600	2100	22
	Damodar	IISCO near Dhenna Village,	7.52	7.7	2.05	2700	2200	17
	Damodar	Narainpur	7.85	7.8	2.2	2100	1700	20
	Damodar	Near Mujher Mana Village	7.64	7.6	2.65	3400	1700	21
	Damodar	Andal D/s	7.86	7.7	2.55	2400	2000	17
	Damodar	Andal U/s	7.96	7.6	2.35	3400	2200	21
	Damodar	Asansol U/s	7.68	7.8	1.95	3900	1700	32
	Damodar	Durgapur U/s	7.65	7.6	2.6	2100	1400	17
	Damodar	Raniganj D/s	7.72	7.7	2.25	2700	1400	14
	Damodar	Water intake point for Burdwan Town	6.2	7.7	2.15	2200	1700	21
V	Dwarka	Upstream of Tarapith at Sadhak Bamdeb ghat	7.43	7.4	2.25	4000	3400	21
	Dwarka,	Downstream of Tarapith Satighat	7.35	7.2	2.6	4600	3300	26
V	Barakar	Asansol	7.82	7.7	2	3300	2600	21
V	Rupnarayan	Geonkhali	8.3	5.1	2.35	7900	4600	170
	Rupnarayan	Kolaghat (Down Stream)	8.1	5	1.05	9400	4900	120
V	Dwarakeshwar	Bankura town	7.65	7.7	2.3	3300	2600	21
V	Teesta	At Jalpesh	7.16	7.4	2.5	14000	5000	70
	Teesta	At Sevoke	7.21	7.1	0.7	50000	24000	140

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/100 ml)	Fecal Coliform(MPN/100 ml)	Fecal steeptococci (MPN/100 ml)
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

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

No. 6089(2) -PRD-24023(11)/1/2020 Dated 10.10.2023

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

Sub: Status report on SLWM Ganga bordering GPs for July to Sept,23 & Polluted river adjoining GPs for Sept,2023 – reg.

Madam/ Sir,

With reference to the subject cited above, please find status report on Solid & Liquid Waste Management (SLWM) for the month of July to September, 2023 in respect of Ganga bordering GPs & September,2023 in respect of polluted river adjoining GPs for your kind perusal.

Yours faithfully,

10.10.23

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 30.09.2023

Sl. No.		Item	Sept,,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	61
9		No. of GPs where SWM activity undertaken	202
10		No. of Sansad where SWM activity undertaken	295
11		Total no. of household covered by SWM	17,590
12		No. of GP for which DPR has been prepared	227
13		No. of GP for which DPR has been approved by P&RD	5,024
14		No. of household where composting is done at household level	181
15		No. of GP wherein land has been identified for CPU	80
16		No. of GP wherein CPU is under construction	25
17		No. of GP wherein construction of CPU is completed	12
18		No. of GP where CPU is functional	45
19		No. of household where segregation is done	9,147
20		No. of households wherefrom solid waste is collected	12,580
21		Quantity of biodegradable waste collected (Kg/ day) in Sept,,23	7,708.50
22		Quantity of non-biodegradable waste collected (Kg/ week) in Sept'23	12,646
23		Quantity of compost produced (Kg/month) in Sept'23	6,027
24		Quantity of compost marketed (in Kg/ month) in Sept'23	515
25		Quantity of recyclable items sold (in Kg/ month) in Sept'23	Rs.70,000
26		Total revenue earned (per month) (Rs. in Lakh) in Sept'23	77,603
27		No. of GPs where use of plastic (< 50 micron) banned	190
28		No. of GPs where networking of vendors for recyclable wastes done	3
29		No. of PWMU established	1
30	Progress of LWM	Total no. of private tube well	1,98,169
31		Total no. of private tube well with platform	1,20798
32		Total no. of private tube well with soakpit	73,205
33		Total no. of public tube well	37,304
34		Total no. of public tube well with platform	27,905
35		Total no. of public tube well with soakpit	15,355
36		Total no. of ponds where duckweed cultivation is done	832

10.10.23

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

Rajesh Mukherjee

Status report on Solid Waste Management in 224 Ganga bordering GPs (also LWM)

As per O.A. 200/2014 (as on 30.09.2023)

Sl. No.		Item	Sept,23
1.	General Profile	No. & Name of Districts involved	7
2		No. of Blocks involved	46
3		No. of GPs involved	224
4		No. of Sansad involved	3,539
5		No. of total household of Gram Panchayats	11,03,555
6	Progress of SWM	No. of GPs where IEC done	223
7		No. & Name of Districts where SWM activity undertaken	7
8		No. of Blocks where SWM activity undertaken	46
9		No. of GPs where SWM activity undertaken	223
10		No. of Sansad where SWM activity undertaken	1126
11		Total no. of household covered by SWM	1,03,763
12		No. of GP for which DPR has been prepared	223
13		No. of GP for which DPR has been approved by P&RD	85
14		No. of household where composting is done at household level	4,045
15		No. of GP wherein land has been identified for CPU	76
16		No. of GP wherein CPU is under construction	12
17		No. of GP wherein construction of CPU is completed	47
18		No. of GP where CPU is functional	29
19		No. of household where segregation is done	17,256
20		No. of households wherefrom solid waste is collected	24,616
21		Quantity of biodegradable waste collected (Kg/ day) in Sept,23	2,948.60
22		Quantity of non-biodegradable waste collected (Kg/ week) in Sept'23	6877
23		Quantity of compost produced (Kg/month) in Sept'23	11,475.95
24		Quantity of compost marketed (in Kg/ month) in Sept'23	8,748
25		Quantity of recyclable items sold (in Kg/ month) in Sept''23	621
26		Total revenue earned (per month) (Rs. in Lakh) in Sept'23	1.43230
27		No. of GPs where use of plastic (< 50 micron) banned	114
28		No. of GPs where networking of vendors for recyclable wastes done	4
29		No. of PWMU established	5
30	Progress of LWM	Total no. of private tube well	2,26,218
31		Total no. of private tube well with platform	1,46,545
32		Total no. of private tube well with soakpit	92,325
33		Total no. of public tube well	27,832
34		Total no. of public tube well with platform	20,637
35		Total no. of public tube well with soakpit	16,156
36		Total no. of ponds where duckweed cultivation is done	459

10.10.23

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

Status report on Solid Waste Management in 224 Ganga bordering GPs (also LWM)As per O.A. 200/2014 (as on 31.08.2022)

Sl. No.		Item	Aug,23
1.	General Profile	No. & Name of Districts involved	7
2		No. of Blocks involved	46
3		No. of GPs involved	224
4		No. of Sansad involved	3,539
5		No. of total household of Gram Panchayats	11,03,555
6	Progress of SWM	No. of GPs where IEC done	223
7		No. & Name of Districts where SWM activity undertaken	7
8		No. of Blocks where SWM activity undertaken	46
9		No. of GPs where SWM activity undertaken	223
10		No. of Sansad where SWM activity undertaken	1126
11		Total no. of household covered by SWM	1,03,763
12		No. of GP for which DPR has been prepared	223
13		No. of GP for which DPR has been approved by P&RD	79
14		No. of household where composting is done at household level	4,045
15		No. of GP wherein land has been identified for CPU	74
16		No. of GP wherein CPU is under construction	9
17		No. of GP wherein construction of CPU is completed	45
18		No. of GP where CPU is functional	29
19		No. of household where segregation is done	17,156
20		No. of households wherefrom solid waste is collected	24,616
21		Quantity of biodegradable waste collected (Kg/ day) in Aug,,23	2,948.60
22		Quantity of non-biodegradable waste collected (Kg/ week) in Aug'23	6877
23		Quantity of compost produced (Kg/month) in Aug'23	11,475.95
24		Quantity of compost marketed (in Kg/ month) in Aug'23	8,325
25		Quantity of recyclable items sold (in Kg/ month) in Aug''23	588
26		Total revenue earned (per month) (Rs. in Lakh) in Aug'23	1.43230
27		No. of GPs where use of plastic (< 50 micron) banned	114
28		No. of GPs where networking of vendors for recyclable wastes done	4
29		No. of PWMU established	3
30	Progress of LWM	Total no. of private tube well	2,26,218
31		Total no. of private tube well with platform	1,46,138
32		Total no. of private tube well with soakpit	92,325
33		Total no. of public tube well	27,742
34		Total no. of public tube well with platform	20,637
35		Total no. of public tube well with soakpit	16,060
36		Total no. of ponds where duckweed cultivation is done	459

18.09.23

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

Monthly report of 17 polluted river adjoining Gram Panchayats

As per O.A. 673 (as on 30.06.2023)

Sl. No.		Item	June ,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	61
9		No. of GPs where SWM activity undertaken	202
10		No. of Sansad where SWM activity undertaken	291
11		Total no. of household covered by SWM	164
12		No. of GP for which DPR has been prepared	220
13		No. of GP for which DPR has been approved by P&RD	4,091
14		No. of household where composting is done at household level	174
15		No. of GP wherein land has been identified for CPU	16
16		No. of GP wherein CPU is under construction	20
17		No. of GP wherein construction of CPU is completed	12
18		No. of GP where CPU is functional	13,235
19		No. of household where segregation is done	9,147
20		No. of households wherefrom solid waste is collected	3,010
21		Quantity of biodegradable waste collected (Kg/ day) in June,23	7,708.50
22		Quantity of non-biodegradable waste collected (Kg/ week) in June'23	12,646
23		Quantity of compost produced (Kg/month) in June,23	6,027
24		Quantity of compost marketed (in Kg/ month) in June'23	515
25		Quantity of recyclable items sold (in Kg/ month) in June'23	Rs.70,000
26		Total revenue earned (per month) (Rs. in Lakh) in June'23	77,603
27		No. of GPs where use of plastic (< 50 micron) banned	190
28		No. of GPs where networking of vendors for recyclable wastes done	3
29		No. of PWMU established	0
30	Progress of LWM	Total no. of private tube well	1,98,169
31		Total no. of private tube well with platform	1,20,798
32		Total no. of private tube well with soakpit	73,198
33		Total no. of public tube well	37,304
34		Total no. of public tube well with platform	27,905
35		Total no. of public tube well with soakpit	15,344
36		Total no. of ponds where duckweed cultivation is done	832
37		Total no. of beautification project undertaken	112
38		Total no. of saplings planted in last 2 years	10,79,026

Mission Director, SBM (G) &

Addl. Secretary to the Govt. of West Bengal

Progress report regarding Solid Waste Management of 43 Ganga Towns up to September, 2023			
Sl. No.	**Name of the Components**	**Status**	**Remarks**
1.	100% Scientific Management of municipal Solid waste in Ganga Towns	9(Nine) waste processing plants at Baidyabati, Rishra, Srerampore, Konnagar, Uttarpara Kotrang, Champdany, Haldia, Kolkata MC and Krishnanagar are functioning at present including one no RWMC with SLF has been set up at Baidyabati, that caters six Ganga towns of Hooghly District. Upgradation of the plants has been proposed by the Transaction Advisors engaged for assisting State Govt, towards Scientific planning of SWM. For waste processing unit and O&M : Work order issued for 29 ULBs, Tender in different stages for 7 ULBs and to be processed through SHG mode in 4 ULBs, out of that workorder issued for 2 ULBs. Plant in operation (Krishnanagar and Haldia) and 500 TPD plant is under operation in Kolkata MC. For legacy waste removal through bio mining: Out of 44 dumpsites of 42 ULBs work completed in 22 dumpsites of 18 ULBs, work started in 17 dumpsites of 20 ULBs and remaining are in different stages of tender. Till date 34.44 lakh household bins (green and blue colour) provided to these Ganga Towns and 23684 Community bins (green and blue colour) also provided	Microplanning Organizationshave been engaged for assisting State Govt, towards Scientific planning of SWM for each and every ULBs.
2.	Status of open dump sites and GVPs along River Ganga.	There are no open dump sites present along River Ganga.	
3.	Screening arrangements and their regular cleaning at all nullahs in Ganga Towns.	Out of 402 drains discharging to River Ganga 400 Drains on which screens have been provided and they are being cleaned at a regular intervals. In rest 2 no. of drains, screen installation is not technically feasible, bio-remediation & phyto-remediation measures undertaken.	List showing the name of the ULBs with details has been attached.
4.	Regular Ghat cleaning.	100% cleaning operation is being done by all the respective ULBs on regular basis. Bins have been provided at every Ghat.	
5.	Anti littering message	Anti littering messages have been displayed on each and every Ghats.	
6.	Progress in SBM-U matters	ODF status Achieved- Self Declared: 43 ULBs, GoI declared ODF: 38 ULBs Target for IHHL construction-67851 nos IHHL construction Completed=66244 nos (98%) IHHL Geo-tagging Completed-65731 nos	
7	Inspection of Ghats	**Report Annexed**	

Townwise Progress of SWM Projects in 43 Ganga Towns

West Bengal

Sl. No.	Town	2011 Population	Total Waste Generation (TPD)	Ward-wise Status of SWM			Status of Waste Processing Plant(s) (all capacities are in TPD)						
				No. of Wards	Wards with D2D Collection	% Wards with D2D Collection	Plant Operational	Under Construction	DPR approved	DPR submitted for approval	DPR to be Prepared	Target Date for plant commisioning	Remarks
1	Baidyabati	121110	68	23	23	100%	68			**0**	**0**		LoA cum Work Order Issued
2	Bansberia	103920	39	22	22	100%	29.5		**9.5**				LoA cum Work Order Issued
3	Baranagar	245213	145	34	34	100%		**50**	**95**		**0**		LoA cum Work Order Issued
4	Barrackpore	152783	50	24	24	100%			**50**				LoA cum Work Order Issued
5	Berhampore	195223	90	28	28	100%	0		**90**				LoA cum Work Order Issued
6	Bhadreswar	101477	23	22	22	100%	22.53						LoA cum Work Order Issued
7	Bhatpara	383762	205	35	35	100%	15.98	**95**	**110**				Tender to be floated
8	Budge Budge	76837	37	20	18	90%	28.54		**8.46**				LoA cum Work Order Issued
9	Chakdah	95203	68	21	21	100%	0		**68**				LoA cum Work Order Issued
10	Champdany	111251	59	22	16	73%	20		**39**		**0**		LoA cum Work Order Issued
11	Chandannagore MC	166867	71.44	33	33	100%	41		**30**				LoA cum Work Order Issued
12	Dhulian	95706	45	21	21	100%	0		**45**				Tender to be floated
13	Diamond Harbour	41802	18	16	12	75%	12.69		**5.31**				Work Order Issued for soil testing, designing, drawing and estimate including vetting by JU for SHG Mode ULBs in Fresh Waste Processing
14	Garulia	85336	45	21	21	100%	21		**24**				LoA cum Work Order Issued
15	Gayeshpur	58998	60	18	18	100%	0		**60**				LoA cum Work Order Issued
16	Haldia	200827	80	29	29	100%	80						Already Existing
17	Halisahar	124939	52	23	22	96%	11.3		**40.7**				LoA cum Work Order Issued
18	Hooghly Chinsurah	177259	75	30	30	100%	39.78		**35.22**				LoA cum Work Order Issued
19	Howrah MC	1077075	910	66	64	97%	10.57		**899.43**				Tender to be floated
20	Jangipur	88165	40	21	21	100%	0		**40**				Tender to be floated
21	Jiaganj-Azimganj	51790	21	17	15	88%	0		**21**				Bid under evaluation for soil testing, designing, drawing and estimate including vetting by JU for SHG Mode
22	Kalyani	100575	56	21	21	100%	2.65		**53.35**				LoA cum Work Order Issued
23	Kamarhati	330211	155	35	32	91%			**155**		**0**		LoA cum Work Order Issued
24	Kanchrapara	120345	64	24	23	96%	20.33		**43.67**				LoA cum Work Order Issued
25	Katwa	81615	32	20	20	100%			**32**				To be processed through SHG
26	Khardah	108496	65	22	22	100%			**65**				LoA cum Work Order Issued
27	Kolkata MC	4496694	4590	144	144	100%	550				**4090**		500 MTD Plant in operation. Tender for remaining waste under process
28	Konnagar	76172	30	20	20	100%	25		**5**				LoA cum Work Order Issued
29	Krishnanagar	153062	130	24	24	100%	130		**0**				Already Existing
30	Maheshtala	448317	184	35	35	100%	27.32		**156.68**				LoA cum Work Order Issued
31	Murshidabad	44019	32	16	15	94%	2.5		**29.5**				Tender to be floated
32	Nabadwip	125543	54	24	23	96%	10.6		**43.4**				LoA cum Work Order Issued
33	Naihati	217900	165	31	31	100%	8.76	**60**	**156.24**				LoA cum Work Order Issued
34	North Barrackpore	132806	47	23	23	100%			**47**				Tender to be floated

Sl. No.	Town	2011 Population	Total Waste Generation (TPD)	Ward-wise Status of SWM			Status of Waste Processing Plant(s) (all capacities are in TPD)						
				No. of Wards	Wards with D2D Collection	% Wards with D2D Collection	Plant Operational	Under Construction	DPR approved	DPR submitted for approval	DPR to be Prepared	Target Date for plant commisioning	Remarks
35	Panihati	377347	169	35	30	86%			**169**				LoA cum Work Order Issued
36	Pujali	37047	15.6	16	0	0%	2.53		**13.07**				Work Order Issued for soil testing, designing, drawing and estimate including vetting by JU for SHG Mode ULBs in Fresh Waste Processing
37	Raiganj	183612	90	27	27	100%			**90**				Tender to be floated
38	Rishra	124577	50	23	22	96%	45		**5**				LoA cum Work Order Issued
39	Santipur	151777	68	24	24	100%			**68**				LoA cum Work Order Issued
40	Serampore	181842	90	29	29	100%	78		**12**				LoA cum Work Order Issued
41	Titagarh	116541	65	23	23	100%	5.73		**59.27**				LoA cum Work Order Issued
42	Uluberia	222240	118	32	23	72%	0		**118**				LoA cum Work Order Issued
43	Uttarpara Kotrung	159147	90	24	24	100%	40		**50**				LoA cum Work Order Issued
Total		**11745428**	**8561.04**	**1218**	**1164**	**96%**	**1349.3**	**205**	**3042**	**0**	**4090**		

Legacy Waste

SL. No.	District	ULB	No. of Dump sites	Area (In Acre)	Estimated Quantity of Legacy Waste (in MT)	Status	Legacy Waste Processed	Acre reclaimed
1	MURSHIDABAD	Berhampore	1	2.16	1,23,981	Completed	150005	2.16
2	NORTH 24-PARGANAS	Bhatpara	2	2.57	58260.00	Completed	58100	2.57
3	SOUTH 24-PARGANAS	Budge Budge	1	3.48	20,721	Completed	20721	3.48
4	HOOGHLY	Chandannagore MC	1	4.94	2,15,916	Completed	214950	4.94
5	SOUTH 24-PARGANAS	Diamond Harbour	1	2.00	9350	Completed	9350	2.00
6	NADIA	Gayeshpur	2	5.00	12465.00	Completed	12465	5.00
7	MURSHIDABAD	Jangipur	1	0.28	3211.21	Completed	3200	0.28
8	MURSHIDABAD	Jiaganj-Azimganj	1	3.00	19,426	Completed	18024	3.00
9	NADIA	Kalyani	2	14.00	60543.00	Completed	55121.91	14.00
10	NORTH 24-PARGANAS	Kanchrapara	1	3.00	24,282	Completed	24082.6	3.00
11	NORTH 24-PARGANAS	Khardah	1	2.75	46118	Completed	46120	2.75
12	NADIA	Krishnanagar	1	8.00	51802	Completed	50942	8.00
13	SOUTH 24-PARGANAS	Maheshtala	1	19.61	2,30,517	Completed	230622	19.61
14	MURSHIDABAD	Murshidabad	1	5.38	94,059	Completed	0	5.38
15	NADIA	Nabadwip	1	12.35	83967	Completed	83967	12.35
16	NORTH 24-PARGANAS	Panihati	1	1.50	51767	Completed	51769	1.50
17	NADIA	Santipur	1	4.55	22097	Completed	21873	4.55
18	HOWRAH	Uluberia	2	6.50	28394.00	Completed		6.50
19	HOOGHLY	Hooghly Chinsurah	1	6.5	1,26,266	Started	113215	2.15
20	NORTH 24-PARGANAS	Titagarh	1	4.9	120886	Started	115008.209	1.37
21	NORTH 24-PARGANAS	Halisahar	1	0.84	6799	Started	2290	0.34
22	NORTH 24-PARGANAS	Garulia	1	1.8	52,449	Started	12464.275	
23	HOWRAH	Howrah MC	1	21.99	9,61,567	Started	612.72	
24	MURSHIDABAD	Dhulian	1	2.00	2068	Started	0	
25	KOLKATA	Kolkata MC	2	79.00	4150000.00	Started	574560	10.00

SL. No.	District	ULB	No. of Dump sites	Area (In Acre)	Estimated Quantity of Legacy Waste (in MT)	Status	Legacy Waste Processed	Acre reclaimed
26	NORTH 24-PARGANAS	Baranagar	1	22.68	854726	Started	401000	8.00
27	NORTH 24-PARGANAS	New Barrackpore						
28	NORTH 24-PARGANAS	Naihati	3	23.94	300000.00	Started	180000	11.13
29	NORTH 24-PARGANAS	Kamarhati	1	8.00	155764	Started	20000	1.25
30	HOOGHLY	Bhadreswar	1	0.42	14,238	Started		
31	HOOGHLY	Baidyabati	1	52.00	2,20,794	Started		
32	HOOGHLY	Champdany						
33	HOOGHLY	Rishra						
34	HOOGHLY	Serampore						
35	HOOGHLY	UttarparaKotrung						
36	HOOGHLY	Konnagar						
37	NADIA	Chakdah	1	5.00	19426	Started		
38	PURBA BARDHAMAN	Katwa	1	2.00	3,885	Started		
39	HOOGHLY	Bansberia	2	2.79	7354.00	AA&FS Awaited		
TOTAL			**41**	**334.92**	**78,10,916**		**2470462.71**	**135.31**

Status of supply of SWM Vehicles and Equipments

Sl No	ULB	District	BINS Supplied	Battery Operated Tipper Seperated Supplied	TOTAL FUEL OPERATED TIPPER, Seperated Supplied	TRI-CYCLE VAN supplied	BACK HOE LOADER	DUMPER	MOVABLE COMPACTOR, LARGE, 14 cum	MOVABLE COMPACTOR, SMALL, 8 cum	STATIONARY COMPACTOR, 10.5 cum	HOOK LOADER	Community Bin
1	Katwa	Bardwaman	48000	6	5	70		1	1				399
2	KMC	Kolkata			0								
3	Howrah MC	Howrah	549344		8	200							1716
4	Uluberia	Howrah	148408	6	14	180		1	2	1	1	1	696
5	Baidyabati	Hooghli	79800	12	15	154	1	1	2				528
6	Bhadreswar	Hooghli	56000	12	14	100	1	1	2				528
7	Champdany	Hooghli	68000	4	4	100		1	2				528
8	Chandannagore MC	Hooghli	95242	14	16	140	1	1	2	1	1	1	858
9	Hooghly Chinsurah	Hooghli	92042	5	5	80	1	1	2	1			720
10	Konnagar	Hooghli	48374	5	4	72	1	1	1				420
11	Rishra	Hooghli	60138	10	14	95	1	1	2				552
12	Serampore	Hooghli	84000	6	5	132	1	1	2	1			696
13	Uttarpara Kotrung	Hooghli	104370	5	16	195	1	1	2				576
14	Berhampore	Murshidabad	96400	6	5	170		1	2	1			672
15	Dhuliyan	Murshidabad	43484	7	8	60	1	1	2				456
16	Jangipur	Murshidabad	42016	6	6	20		1	2				480
17	Jiaganj-Azimganj	Murshidabad	30228	5	4	30	1	1	1				357
18	Murshidabad	Murshidabad	25490	6	5	80	1	1	1				336
19	Chakdah	Nadia	60750	5	4	50		1	2				504
20	Gayeshpur	Nadia	37562	4	9	50		1	1				378
21	Kalyani	Nadia	71000	9	9	143	1	1	2				480
22	Krishnanagar	Nadia	84616	8	8	140		1	2				800
23	Nabadwip	Nadia	70926	10	16	100		1	2				504
24	Santipur	Nadia	78124		8	160		1	2				800
25	Baranagar	North 24 Pgs	110000	5	15	160		1	2	3	1	1	200
26	Barrackpore	North 24 Pgs	75312	4	16	80		1	2				576
27	Bhatpara	North 24 Pgs	0	6	8	241		1	2	1	1	1	510
28	Garulia	North 24 Pgs	37764	5	13	102		1	2				378
29	Halisahar	North 24 Pgs	71000	5	16	33	1	1	2				552
30	Kamarhati	North 24 Pgs	190000	10	21	220	1	1	2	1	1	1	840
31	Kanchrapara	North 24 Pgs	59588	5	10	105		1	2				525
32	Khardah	North 24 Pgs	52000	4	13	113		1	2				528
33	Naihati	North 24 Pgs	26300	5	15	80		1	2	1	1	1	800
34	North Barrackpore	North 24 Pgs	65128	5	5	60		1	2		1	1	552
35	Panihati	North 24 Pgs	180000	5	15	320		1	2	1	1	1	552
36	Titagarh	North 24 Pgs	47738	6	5	102	1	1	2				552
37	Haldia	Purba Medinipur	114014	6	15	40		1	2	1			624
38	Budge Budge	South 24 Pgs	29476	5	4	100		1	1				420
39	Diamond Harbour	South 24 Pgs	33484	5	4	82		1	1				336
40	Maheshtala	South 24 Pgs	192943	11	6	270		1	3	1	1	1	840
41	Pujali	South 24 Pgs	18600	5	5	32		1	0				315
42	Raiganj	Uttar Dinajpur	66388	14	0	50		1	2	1			600
TOTAL			**3444049**	**262**	**388**	**4711**	**15**	**40**	**72**	**15**	**9**	**9**	**23684**

Status Report for Installation of Screen at the Drains

Serial No.	Name of the Ganga Town	No. of Nallahs discharging into Ganga	Nallahs having screens	No. of Nallahs where Screens yet to be installed	Date for completing installation of Screens	How many screens are temporary?	Date for making screens permanent	Whether regular cleaning arrangement exists	Remarks
1	Baidyabati	24	24	0	-	0	N. A.	Yes	
2	Bansberia	16	16	0	-	0	N. A.	Yes	
3	Baranagar	5	5	0	-	0	N. A.	Yes	
4	Barrackpore	2	2	0	-	0	N. A.	Yes	
5	Bhadreswar	6	6	0	-	0	N. A.	Yes	
6	Bhatpara	21	21	0	-	0	N. A.	Yes	
7	Budge Budge	3	3	0	-	0	N. A.	Yes	
8	Chakdah	0	0	0	-	-	-	-	
9	Chandernagore MC	9	9	0	-	0	N. A.	Yes	
10	Dhuliyan	13	13	0	-	0	N. A.	Yes	
11	Diamond Harbour	7	7	0	-	0	N. A.	Yes	
12	Gayeshpur	0	0	0	-	-	-	-	
13	Halisahar	11	11	0	-	0	N. A.	Yes	
14	Jangipur	16	16	0	-	0	N. A.	Yes	
15	Jiaganj-Azimganj	5	5	0	-	0	N. A.	Yes	
16	Kalyani	2	2	0	-	0	N. A.	Yes	
17	Kamarhati	11	11	0	-	0	N. A.	Yes	
18	Kanchrapara	0	0	0	-	0	N. A.	Yes	
19	Katwa	7	7	0	-	0	N. A.	Yes	
20	Khardah	12	12	0	-	0	N. A.	Yes	
21	Konnagar	6	6	0	-	0	N. A.	Yes	
22	Krishnanagar	0	0	0	It is not a Ganga Town	0	N. A.	Yes	
23	Murshidabad	8	8	0	-	0	N. A.	Yes	
24	Nabadwip	3	3	0	-	0	N. A.	Yes	
25	Naihati	4	4	0	-	0	N. A.	Yes	
26	North Barrackpore	11	11	0	-	0	N. A.	Yes	
27	Panihati	7	7	0	-	0	N. A.	Yes	
28	Pujali	2	2	0	-	0	N. A.	Yes	
29	Santipur	0	0	0	-	0	N. A.	Yes	
30	Serampore	15	15	0	-	0	N. A.	Yes	
31	Titagarh	3	3	0	-	0	N. A.	Yes	
32	Uttarpara-Kotrung	9	9	0	-	0	N. A.	Yes	
33	Rishra	4	4	0	-	0	N. A.	Yes	
34	Hooghly-Chinsurah	42	42	0	-	0	N. A.	Yes	
35	Uluberia	10	10	0	-	0	N. A.	Yes	
36	Maheshtala	10	10	0	-	0	N. A.	Yes	
37	Champdany	3	3	0		0	N. A.	Yes	
38	Berhampur	33	33	0	-	0	N. A.	Yes	
39	Garulia	10	10	0	31.10.2019	0	N. A.	Yes	
40	Haldia	8	8	0	13.02.2020	0	N. A.	Yes	
41	Kolkata MC	14	14	0		0	N. A.	Yes	
	TOTAL	**372**	**372**	**0**					
1	Howrah MC	30	28	2	-	0	N. A.	Yes	2 belongs to KMDA, 2nos under Irrigation Dept. As per Exe. Engg. all the works for installation of screen, has been awarded to KMDA & 2 nos screen has already been installed.
	TOTAL	**30**	**28**	**2**					
	GRAND TOTAL	**402**	**400**	**2**					

IHHL and ODF Status : 43 ULBs (Ganga Town)

1. ODF Inspection done by GoI Third Party Org. - 38 ULBs

2. ODF Declared by GoI Third Party Org.- 38 ULBs

3. Self Declared as ODF- 43 ULBs

4. ODF Inspection need to be done-5 ULBs

Sl No	District	ULB	Initial Target	Final Revised Target	Construction completed	Online uploaded	ODF Inspection done by GoI Third Party Org.	ODF Certified by GoI Third Party Org.	Self Declared as ODF
1	HOOGHLY	Baidyabati	1303	632	632	629	Yes	Yes	Yes
2	HOOGHLY	Bansberia	2993	1140	1140	1140	Yes	Yes	Yes
3	HOOGHLY	Bhadreswar	3006	1200	1200	1200	Yes	Yes	Yes
4	HOOGHLY	Champdany	2666	2315	1773	1609	Yes	Yes	Yes
5	HOOGHLY	Chandannagore MC	2860	144	144	144	Yes	Yes	Yes
6	HOOGHLY	Hooghly Chinsurah	6355	710	707	651	Yes	Yes	Yes
7	HOOGHLY	Konnagar	409	47	47	47	Yes	Yes	Yes
8	HOOGHLY	Rishra	1716	616	616	616	Yes	Yes	Yes
9	HOOGHLY	Serampore	1821	582	554	547	Yes	Yes	Yes
10	HOOGHLY	Uttarpara Kotrung	2409	183	183	183	Yes	Yes	Yes
11	HOWRAH	Howrah MC	6822	0	0	0	No	Not visited GoI Third Party Org.	Yes
12	HOWRAH	Uluberia	8837	8670	8670	8670	Yes	Yes	Yes
13	KOLKATA	Kolkata MC	68868	0	0	0	No	Not visited GoI Third Party Org.	Yes
14	MURSHIDABAD	Berhampore	1953	2837	2837	2837	Yes	Yes	Yes
15	MURSHIDABAD	Dhulian	6104	7990	7990	7990	Yes	Yes	Yes
16	MURSHIDABAD	Jangipur	2132	2702	2702	2702	Yes	Yes	Yes
17	MURSHIDABAD	Jiaganj-Azimganj	1888	2017	2017	2017	Yes	Yes	Yes
18	MURSHIDABAD	Murshidabad	1221	1500	1500	1500	Yes	Yes	Yes
19	NADIA	Chakdah	495	705	495	425	Yes	Yes	Yes
20	NADIA	Gayeshpur	574	519	519	519	Yes	Yes	Yes
21	NADIA	Kalyani	659	654	654	651	Yes	Yes	Yes
22	NADIA	Krishnanagar	1736	1817	1817	1817	Yes	Yes	Yes
23	NADIA	Nabadwip	2454	2454	2454	2454	Yes	Yes	Yes
24	NADIA	Santipur	2629	1852	1852	1852	Yes	Yes	Yes
25	NORTH 24-PGS	Baranagar	1355	516	516	516	Yes	Yes	Yes
26	NORTH 24-PGS	Barrackpore	2115	335	300	300	Yes	Yes	Yes
27	NORTH 24-PGS	Bhatpara	2346	1618	1588	1391	Yes	Yes	Yes
28	NORTH 24-PGS	Garulia	1323	222	222	222	Yes	Yes	Yes
29	NORTH 24-PGS	Halisahar	4502	163	163	163	No	Not visited GoI Third Party Org.	Yes
30	NORTH 24-PGS	Kamarhati	2621	342	300	300	Yes	Yes	Yes
31	NORTH 24-PGS	Kanchrapara	1366	704	704	702	Yes	Yes	Yes
32	NORTH 24-PGS	Khardah	908	208	208	205	Yes	Yes	Yes
33	NORTH 24-PGS	Naihati	1520	1115	1115	1115	No	Not visited GoI Third Party Org.	Yes
34	NORTH 24-PGS	North Barrackpore	2132	302	302	302	Yes	Yes	Yes
35	NORTH 24-PGS	Panihati	4193	1000	1000	985	Yes	Yes	Yes
36	NORTH 24-PGS	Titagarh	440	440	440	438	Yes	Yes	Yes
37	Purba BARDDHAMAN	Katwa	832	1232	1232	1232	Yes	Yes	Yes
38	PURBA MEDINIPUR	Haldia	2813	2813	2813	2813	Yes	Yes	Yes
39	SOUTH 24-PGS	Budge Budge	2707	977	977	977	Yes	Yes	Yes
40	SOUTH 24-PGS	Diamond Harbour	896	1595	1595	1595	Yes	Yes	Yes
41	SOUTH 24-PGS	Maheshtala	45658	6562	6562	6562	Yes	Yes	Yes
42	SOUTH 24-PGS	Pujali	716	510	510	510	Yes	Yes	Yes
43	UTTAR DINAJPUR	Raiganj	5431	5911	5213	5203	No	Not visited GoI Third Party Org.	Yes
			215784	**67851**	**66263**	**65731**	**Yes=38 No=5**	**Yes=38**	**Yes=43**

O.A. 673/2018 for the month of September, 2023

1. Plantation Activities

Sl. No.	River	Division	Details of plantation activities along the river
1.	Ganga (Plantation on both sides of the river)	24 – ParganaNorth	Advance (Nursery work) 100% completed in March, 2021. 1st year maintenance work done over 6 Ha. Institutional plantation and 3 Km Avenue Plantation.
		Nadia Murshidabad	2nd year maintenance work over 2 Ha. Is going on under Namami Gange project.
2.	Churni (Plantation on both sides of the river)	Nadia Murshidabad	Advance (Nursery work) 100% completed. Creation work 100% completed during 2021-22. Maintenance work is going on for 7.265 Ha (One side). .

2. Development of Bio-Diversity Park

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

11/10/2023

Chief Conservator of Forests, SDP
& Member Secretary, WBSFDA

O.A. 673/2018 upto 05th September, 2023

Details of each existing STP: **Not applicable for Agriculture Department**

No.	Location	Existing STP Capacity	Capacity Being Utilized	Operational Status of STP	Compliance Status of STP

1. **Details of under construction STPs:** **Not applicable for Agriculture Department**

No.	Location	Capacity of the plant in MLD	Physical Progress in %	Status of I&D or House sewer connections	Completion Timeline

2. **Details of proposed STPs:** **Not applicable for Agriculture Department**

No.	Location	Capacity of the STP proposed in MLD	Status of Project (at DPR Stage/ Under Tendering/ Work to be Awarded)	Likely Date of Completion

3. **Drain details:** **Not applicable for Agriculture Department**

River name	No. of drains falling in the river	No. of drains having floating racks/screens installed to prevent solid waste from falling into the river

4. **Alternate treatment details:** **Not applicable for Agriculture Department**

River name	Polluting drain	In-situ treatment details	MLD treated	Details of parameters before treatment	Details of parameters after treatment

5. **Reuse of treated water-** **Not applicable for Agriculture Department**

Location of STP/Alternate Treatment	MLD of treated water generated	Details of the reused water

6. **Ground water regulation-** **Not applicable for Agriculture Department**

7. **Good irrigation practices**

River	Details of adopting good irrigation practices						
Ganga	District	Block	Total Beneficiary Regd.	Coverage Area (Ha.)	Budgetary Estimate (Rs.)	Expenditure (Rs.)	Works Completed (Rs.)
	Hooghly	Chinsurah-Magra	9	1	250407.9	0	0
	Howrah	Bagnan-I	45	2.14	712569.9	84329.1	245478
		Bagnan-II	19	1.54	333359.5	71874	261360
		Uluberia-I	5	0.43	75963.25	0	0
	South 24-Parganas	Budge Budge-I	17	0.76	354610.55	0	0
		Budge Budge-II	9	1.33	146367.4	0	0
	North 24-Parganas	Barrackpur-II	46	2.07	824098.05	0	0
Total			150	9.27	2697377	156203.1	506838
Churni	Nadia	Ranaghat-I	60	6.33	2162716.45	0	0
		Hanskhali	79	23.07	2254135.7	0	1503350
		Shantipur	30	16.97	934765.7	0	196435
Total			169	46.37	5351618	0	1699785

8. Rain water harvesting- Nil

River	Details of rain water harvesting

9. Demarcation of Floodplain and removal of illegal encroachments- Not applicable for Agriculture Department

River	Details of demarcation of floodplain and removal of illegal encroachments

10. Maintaining minimum e-flow of river- Not applicable for Agriculture Department

River	Maintaining minimum e-flow of the river

11. Plantation activities- Not applicable for Agriculture Department

River	**Details of plantation activities along the river**

12. Development of biodiversity park- Not applicable for Agriculture Department

River	Details of setting up biodiversity parks on flood plains by removing encroachment along the river