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Senior Special Secretary



DEPARTMENT OF URBAN
DEVELOPMENT & MUNICIPAL AFFAIRS
GOVERNMENT OF WEST BENGAL
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Date: 03.05.2024

Memo No.-107-Sr. Spcl. Secy (NG)

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

Subject: Submission of Quarterly Progress Report for the period from January 2024 to March 2024 in compliance with the order of Hon'ble NGT under OA - 200/2014.

Sir,

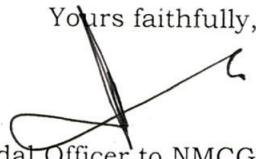
With reference to the above subject, I am directed to attach herewith an Updated Report on OA 200 from West Bengal for the period from **January 2024 to March 2024**. The Table of Contents of the Report is as under

Sl. No.	Content	Annexure No.
1.	Main Report	Nil
2.	Good work and efforts	I
3.	Sewage Generation Report	II
4.	STP Progress Report upto Mar.' 2024	III
5.	Details of Drains	IV
6.	Drains connected to STPs	V
7.	Water Quality Report of WBPCB	A
8.	Compulsory Site Inspection Report, KMDA for March 2024	B
9.	SUDA Report District wise C&D waste of 43 Ganaga towns - March, 24	C
10.	SUDA Report District Wise Fresh Waste Report for Ganga Town	D
11.	Legacy Waste by SUDA	E
12.	Report from P&R D	F
13.	Report from Forest Department	G
14.	Report from Agriculture Department	H

It may kindly be noted that Annexure- I is an elaborate Report on Monitoring and Review of the ongoing work indicating the all-out efforts taken by the State to curb and arrest pollution in the River Ganga. It is to be most humbly stated that due to sustained efforts of Solid and Liquid Waste Management in the Ganga basin, the Water Quality of Ganga has improved substantially and the river Ganga is now placed in the lesser Priority Category. Initiatives have been taken to empty Faecal Sludge in the functional STPs for co-treatment. Till March 2024, we have emptied 2538.20 KL Septage in different STPs through Cesspool. This has also resulted in the improvement of Faecal Coliform level in River Ganga as is evident from the Water Quality Report of WBPCB.

This is for your kind perusal.

Yours faithfully,


03/05/24
Nodal Officer to NMCG and CPCB
Senior Special Secretary,
Department of UD & MA
&
Program Director, WBSPMG

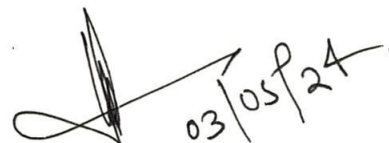


Memo No.:107/1(21)-Sr. Spcl. Secy (NG)

Date: 03.05.2024

Copy forwarded for kind information to:

1. Member Secretary, WBPCB
2. Additional Chief Secretary, Department of Environment
3. Director General, National Mission for Clean Ganga
4. Executive Director, Projects, National Mission for Clean Ganga.
5. Chief Executive Officer, Kolkata Metropolitan Development Authority.
6. Secretary, Department of UDMA & Executive Chairperson, WBSPMG.
7. Program Director, WBSPMG.
8. Municipal Commissioner, Kolkata Municipal Corporation in the rank of Principal Secretary.
9. Director, Technical (T-III), National Mission for Clean Ganga.
10. Dr. A.K.Vidyarthi, Additional Director & Divisional Head, WQM-II, CPCB
11. Director SUDA, HB-305, AB Rd, HC Block, Sector III, Bidhannagar, Kolkata, 700106.
12. Director General, Tolly Nullah, 5, S.N. Banerjee Road, Kolkata-7000013.
13. Director General, GAP Sector, KMDA.
14. Chief Engineer, GAP Sector, Unnayan Bhavan, Sector-II, Salt Lake, Kolkata-700091.
15. Chief Engineer, MED, Bikash Bhavan, Salt Lake, Kolkata-700091.
16. Chief Engineer, PHE, Department of Public Health Engineering, New Secretariat Building, 7th Floor, 1, K.S. Roy Road, Kolkata-700001.
17. Dr. T.K.Gupta, Chief Technical Advisor, West Bengal State Pollution Control Board and Environment Department, Government of West Bengal, Paribesh Bhavan, 10A, LA Block, Sector III, Bidhannagar, Kolkata, West Bengal 700106.
18. Special Law Officer, UD & MA Department with a request to kindly forward a copy of the Report Ld. AOR for her kind noting.
19. IT Department, UD & MA for uploading the Report in the NGT portal of our website.
20. OSD to Municipal Commissioner, Kolkata Municipal Corporation, 5, S.N.Banerjee Road, Kolkata-7000013
21. Senior PS to Principal Secretary, UD&MA Department.


03/05/24

Nodal Officer to NMCG and CPCB
Senior Special Secretary,
Department of UD & MA
&
Program Director, WBSPMG

Main Report

Quarterly progress (January 2024-March 2024) report						
Sl. No.	Concerned Department	Topic of Action point	Targets to be achieved as per orders dated 10.12.2015, 13.07.2017 and 22.08.2019 the timelines	Targets achieved and the reasons for delay in compliance	Targets not achieved and the revised timelines proposed*	Action taken or suggested for violation of timelines or non-achieving of targets
[1]	[2]	[3]	[4]	[5]	[6]	[7]
1	KMDA,KMC,MED,PHED	Action points for STPs are seperately considered in Annexure III	As per order of Hon'ble NGT vide OA No 593/2017 & OA No 148/2016 dated 21.5.20 revised time line for all action points are under review and active consideration. For details, pls refer to Annexure -III.	Annexure III	Annexure III	Annexure III
2	KMDA,KMC	Presently in-situ treatment work is completed at Jangipur drain and in future it will be tapped in the ongoing Baharampore - Jangipur Interception & Diversion with STP Project.	As per order of Hon'ble NGT vide OA No 593/2017 & OA No 148/2016 dated 21.5.20 revised time line for all action points are under review and active consideration. For details, pls refer to Annexure - III.	pls refer to Annexure-III	NA	pls refer to Annexure-III
3		Details of 56 drains are enclosed as Annexure-IV	As per order of Hon'ble NGT vide OA No 593/2017 & OA No 148/2016 dated 21.5.20 revised time line for all action points are under review and active consideration. For details, pls refer to Annexure - IV,	Annexure - IV	Annexure - IV	Annexure - IV
4		Demarchation of Flood Plain Zone		A Report has been received from the Environment Department in this regard on 28.06.2021. The Report has been prepared by Department of Geogrpahy, Univeristy of Calcutta. Both the Environment Department and UD & MA Department are going through the Report, post which appropriate actions will be taken.	NA	NA
		Protection and management of flood plain zones (FPZ)				
5		North 24 Parganas - Protection to the severely damaged left bank of river Hooghly in between Chaiotanya Ghat and Kanch Mandir Ghat by providing cement concrete block pitching for a length of 170 mm and boulder sausage protection work for a length of 50 m within Ward no. 30 & 31 of Baranagar municipality in P.S. Baranagar, District North 24 Parganas.	31.03.2021	Completed	NA	NA
6		North 24 Parganas - Protection to the severely damaged left bank of river Hooghly in between Alambazar Government Quarter campus toRamlochan Babu Ghat by providing cement concrete block pitching for a length of 215 m and reconstruction of 50 m guard wall in front of Bhabkunja Ashram undre Ward no. 4 of Baranagar municipality in P.S. Baranagar, District North 24 Parganas.	31.03.2021	Completed	NA	NA

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7	Irrigation &Waterways Department	North 24 Parganas - Protection to the left bank of river Hooghly from Mangal Pandey Ghat to Malanch Tourist Lodge near Vivekananda State Police Academy for a length of 135 m including renovation of sluice under Barrackpore Municipality in P.S. - Barrackpore, Dist. - North 24 Pgs.	31.03.2020	Completed	NA	NA
8		South 24 Parganas - Protection work to the left bank of Hooghly embankment at Sulapani Ghat near Harna Sluice for a length of 200m in Block - Diamond Harbour-I, P.S. Diamond harbour, Dist-South 24 Parganas.	31.03.2021	60 % progress achieved.	Mar-23	All out effort has been laid to complete in revised target.
9		South 24 Parganas - Protection on left embankment of the Hooghly River for a length of 150 m by dumping Geo-Bag below L.W.L with slope protection by HDPE bags at pujali in P.S – Budge Budge , Dist- South 24 Parganas.	31.03.2022	Completed	NA	NA
10		South 24 Parganas - Protection of Hooghly left embankment with Brick Block Pitching for a length of 250 M at Kanchantala Shasan Ghat kali Mandir within Ward No 140 of KMC in P.S – Nadial , Dist- South 24 Parganas	31.03.2022	90 % progress achieved.	Jul-22	All out effort has been laid to complete in revised target.
11		Howrah - Protection to right embankment of Hooghly River at the confluence of Chapa Khal for a length of 210 m at Kalinagar in Block Uluberia -I, P.S. Uluberia, District Howrah.	31.12.2020	Completed	NA	NA
12		Howrah - Protection to right embankment of Hooghly River at Tetikhola for a length of 150 m in Block Shyampur-I, P.S Shyampur, District Howrah.	31.12.2020	Completed	NA	NA
13		Howrah - Protection to right embankment of Hooghly River at the confluence of Gouriganga Khal at Chalkashi for a length of 240 m in Block Uluberia-I, PS Uluberia, District Howrah.	31.12.2020	Completed	NA	NA
14		Howrah - Protection of Hooghly right embankment for a length of 300 m at Sirishtala, Gadiara, in Block Shyampur-I, P.S Shyampur, District Howrah.	31.12.2020	Completed	NA	NA
15		Maintaining minimum environmental flow of river.	The river is a perennial river. The environmental flow is maintained through the release from the Farakka Barrage throughout the year.			

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16	West Bengal State Pollution Control Board (WBPCB)	Preventing discharge of Industrial effluents in Ganga and its tributaries/ drains by ensuring installation of proper functioning of ETPs/CETPs	There are 41 Grossly Polluting Industries along Ganga (total 54 in the State) in the state of West Bengal. Total water consumption is 110 KLD (approx.) and total waste water generation is 88.40MLD (approx.) for 41 GPIs. All the 41 GPIs have Effluent Treatment Plant (ETP) in place and are under regular surveillance of the State Board including monitored through Online Continuous effluent Monitoring System (OCEMS).						
17		Taking action against polluters by way of recovering compensation for restoration of the damage to the environment							
		Steps for conservation of groundwater particularly with reference to critical, semi critical or over exploited areas	Ground water conservation through rainwater harvesting and Artificial Recharge to GW				Targets achived for 19 completed schemes.		
			District	Block Adjacent to polluted stretch of River Ganga	Nos.	Status			
			North 24 Parganas	Barrackpore I (safe)	1	Completed (2020)			

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18	WRIDD(SWID)			Barrackpore II (safe)	1	Completed (2020)			
				Bidhannagar Municipal Corpn.	1	Completed (2021-2022)			
			Howrah	Bally-Jagacha (safe)	1	Completed (2016)			
			KMC (not categorised)		9	Completed (2016)			
					1	Completed (2017)			
					3	3 completed (2020)			
			South 24 Parganas	Diamond Harbour I (safe)	1	Completed (2017)			
				Diamond Harbour II (safe)	1	Completed (2019)			
			Safe blocks adjacent to polluted river stretch of river Ganga has been considered for GW recharging as hydraulic gradient is positive towards river Ganga and thus GW is in losing condition. Apprehending critical groundwater condition in future i.e. safe blocks become semi critical/critical/ overexploited. GW conservation measures have been taken up a precautionary measure thereof.						
19	P&RD	Activities	District	Work done till September2022					
		Vetiver Plantation	South 24 Parganas, Murshidabad, Hooghly, Malda, Howrah, Purba Bardhaman, Nadia	73.78 Km					
		Other Plantation		16.62 Ha					
		Rooftop Rain water harvesting		15					
		Restoration of water bodies		1464					
		Bio-diversity Park		19					
20		Liquid Waste Management							
21	State Water Investigantion Departtment (SWID)	Restoration of water bodies	Restoration of water bodies for rainwater harvesting				Target achieved		In the Urban areas, 1036 water bodies have been excavated/ re-excavated for the period 2017-2020.
			District	Status					
			South 24 Parganas	Around 300 KM of old sited creeks have been re-excavated for rainwater harvesting in blocks (where groundwater is salinity infested) adjacent to lower reach of River Ganga					

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22	UDMA	Utilisation of treated sewage and septage management	The Department of UD & MA has already framed a Policy on The Re-Use of Treated Water & notified it on 30th June 2020. A DPR is under preparation for using treated water of the Kalyani STP. The water will be used for Pisciculture, Gardening, road cleaning and washing purpose.	<ul style="list-style-type: none">• State Government has taken up a pilot project of re-use of waste water generated from 21 MLD STP with 2 units located at Kalyani, which will be re-used. KMDA is preparing DPR in house for reusing the treated water for cleaning of Stadium, Gardening & use by Kalyani Krishi Viswa Vidyalaya.The DPRs are in progress & would be finalized soon. Action by KMC : <ul style="list-style-type: none">• KMC has mandated re-use of waste water for buildings with more than built-up area of 20000 sqm, in their Building Rules. As per Rule no 145 of KMC Building Rules, 2009, waste water recycling system has been incorporated in 25 buildings and house complexes exceeding 20000 sq.metre as per Environmental Impact Assessment Guideline issued by the State Govt./Govt. of India. It has been decided by the highest authority of Department of UD & MA to construct atleast one FSTP in each districts of WB. Accordingly it has constituted a high level Committee for the purpose of drafting a Policy for construction of customised FSTP in each districts. The Committee will submit its Report with in 15 working days. It is pertinent to mention herer, the State is already running 30KLD FSTP at South Dum DUm under supervision of KMDA. The construction of two more FSTPs one at North Dumdum and Baranagar Municipality and another at Burdwan are under pipeline.		
23	UDMA	Preventing dumping of solid and other waste in and around Ganga	Ensuring collection & transportation of segregated solid wastes from individual household and its scientific disposal as per Solid Waste Management Rule 2016 for all the Urban local bodies (ULBs) within a limited timeframe. Removal of all the dump sites and GVPs from bank of river Ganga. Ensuring screening across all the out falls / channels / big drains that lead to river Ganga. Report from SUDA annexed in Annexure-IV.			
24	UDMA	Clearing old legacy Waste dumpsites	1. Bio-mining at Mollar Bheri in Bidhannagar Municipal Corporation (BMC) 2. Removal of the dumpsites from Dhapa within Kolkata Municipal Corporation (KMC) 3. Removal of other legacy waste from dumpsites from other municipalities / corporations	Out of 37 dumpsites at 31 ULBs, action has been taken at all dumpsites. Implementation at different stages is annexed. Till date 21.99 lakh household bins (green and blue colour) provided to these Ganga Towns. (Annexure V)		

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25	UDMA	Public awareness and involvement for prevention and control of pollution of Ganga	Intensive IEC activities for all the ULBs situated beside the river Ganga involving all the people to generate public awarness regarding solid waste management rule 2016, sanitary landfill facility, procedure of scientific disposal of solid waste, necessity of sewage treatment, arresting the un-treated sewage to river Ganga, promoting eco-friendly products, banning of all palstic waste within a time frame.		1) Centre for Environment and Education, an expert agency, a Centre of Excellence under Ministry of Environment & Forest, Government of India has been engaged as State Level IEC Agency for Development of communication plan, training plan and training module on waste disposal. Communication plan for awareness generation on solid waste management has been prepared. 2) State level logo and slogan competition has been organized on scientific waste disposal in the month of September, 2019 and December, 2020. 3) SHG based publicity campaign in all ULBs was organized in September, 2019. Similar campaigns were there in December, 2020 also. 4) Eco friendly products and products from waste materials are being promoted as alternative to plastics through fairs. 5) Handbook has been prepared on SWM and leaflets have been circulated to all ULBs. 6) Booklet on Solid Waste Management “Barjo Babosthaponar Sahoj Path” in Bengali, Hindi (“Kachra Prabandha ka Sahaj Path”) and English(“SOLID WASTE MANAGEMENT : A PRIMER”) versions published and circulated widely. i) Capacity building training of the rag pickers have commenced and to be completed shortly.		
26	UDMA	Regulating activities on an around river Ganga including Ghats and other establishments	Katwa have been completed and handed over to the ULBS,2 Ghats one at Agradwip and another at Daihat are in progress. AA&ES for One Ghat (Prabhupada Ghat under ISCKON) has recently been issued. 3 Electric Crematoria (Garulia, Naihati and Bhatpara) have been completed and handed over to the ULBs. 9 electric Crematoria have been priotrised and now under feasiblilty study. The FSSM Policy of the State of WB for urban local bodies has been finalized and in the process of obligation. The mojour decisions under this policy are: 1. All Ganga ULBs will be having FSTPs (if not some ULBs will be clubbed together). All STPs will also be having FSTPs along with them. Under utilised STPs will temporarily be fed with the Faecal Sludge and Septage by Cess Pool vehicles. In Barrackpore STP, the low capacity utilisation is augmented to some extent by the Cess Pools carrying Faecal sludge and septage.				
27	UDMA	Plastic Waste Management	UD & MA Dept. GoWB has framed a bye-law with respect to Plastic Waste Management (Notification No: 215(Law) /C-12/NGT/Misc – 11/2020 dated 20/3/2020) Plastic carry bags are totally banned in the ecologically sensitive areas and 40 heritage / tourist sites of West Bengal 77 municipalities have banned the manufacturing, use and sale of plastic carry bags of thickness less than 50 micron and 18 municipalities banned use of single use plastic. Workshops carried out to generate awareness among different plastic waste generator and initiative taken to promote eco-friendly products as an alternative to plastic.				
			Activity	Polluted River Stretch/Biodiversity Park			

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28	Department of Forest	Afforestation and setting up of biodiversity parks	Plantation on both sides of the river	6 ha advance work completed (100%).	Creation work in progress. Work delayed due to late receipt of fund.	NA	NA
29		Biological diversity of Ganga	After a preliminary survey undertaken from Farakka to Diamond Harbour, in which 80 Gangetic Dolphins were sighted, the Forest Department has prepared an Action Plan for Conservation of Ghariyals and Dolphins (2021-31) in West Bengal with a budgetary outlay of Rs. 95 crore.				

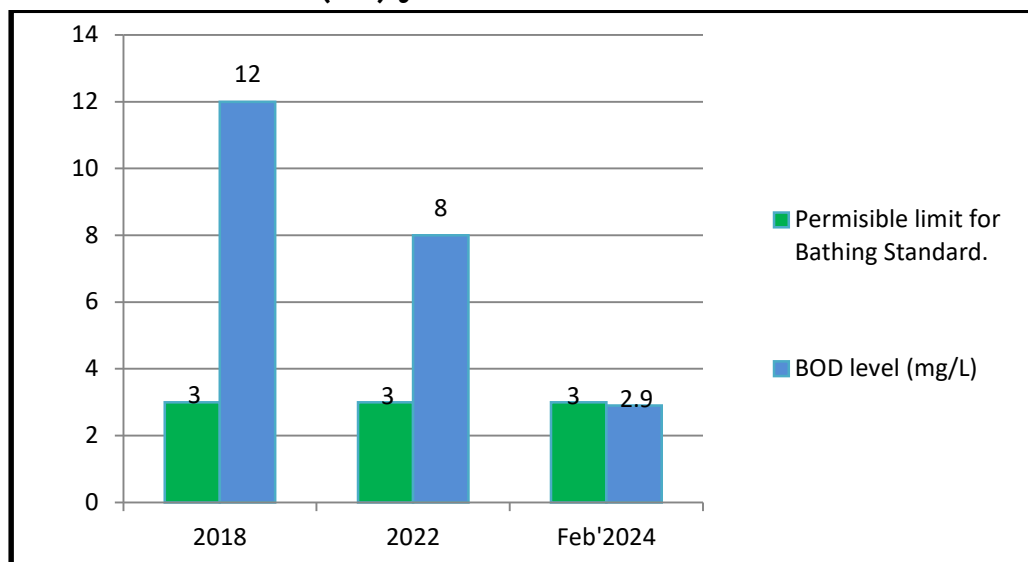
List of Good work and efforts of the State of West Bengal towards Liquid Waste Management in River Ganga

- The Department of UD & MA is closely monitoring the work of pollution abatement in the river Ganga with due care and concern. Review Meetings are being held by the highest authorities at every month to ensure timely completion of each project. Meetings were held under Chairmanship of Hon'ble Chief Secretary, Principal Secretary, Member Secretary WBPCB, and Program Director, WBSPMG on several occasions.
- **The Water Quality Data for the month of March, 2024 as received from WBPCB shows remarkable improvement for river Ganga. It is now placed in the least priority category i.e. Category-V (The latest Water Quality Report is in Annexure – A).**

River	2018		2022		Mar' 2024	
	Max. BOD (mg/L)	Priority	Max. BOD (mg/L)	Priority	Max. BOD (mg/L)	Priority
Ganga	12.0	III	8.0	IV	2.90	V

With sustained & continuous efforts in LWM & SWM in the Ganga Towns, water Quality of river Ganga has been improved from Priority III to Priority V.

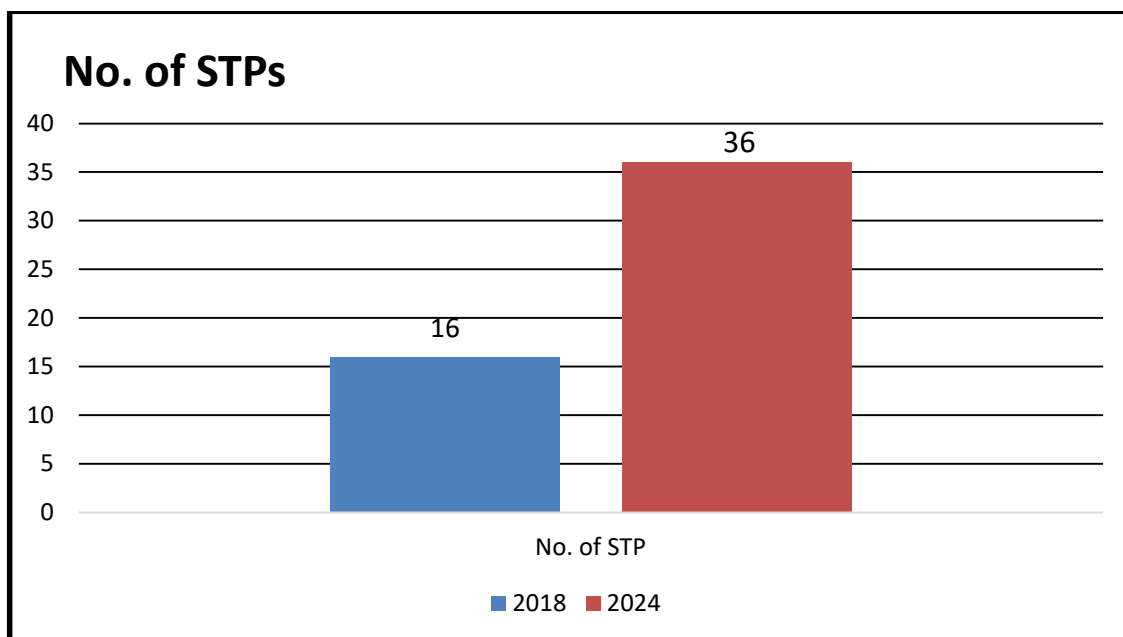
The diagram showing the improvement of Water Quality with respect to BOD level over last Six (06) years.

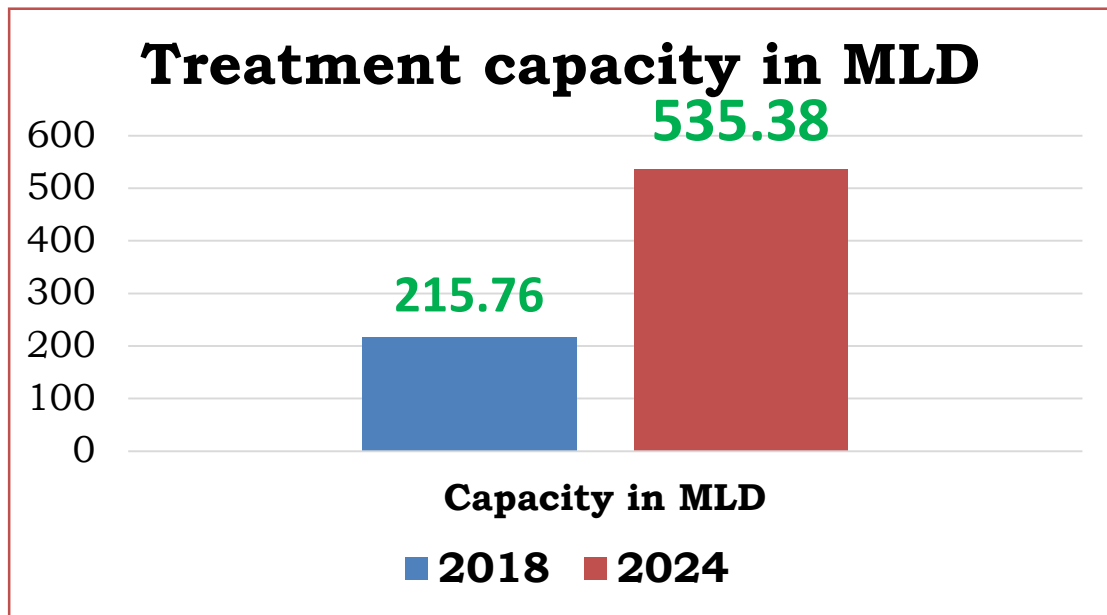


Progress towards completion of Sewage Treatment Plants (STPs) over last Six (6) years.

Over last six years, West Bengal has been successful in completing and commissioning Twenty (20) STPs and increased the treatment capacity by 319.62 MLD and this has resulted in successful reduction of BOD in river Ganga.

Diagram showing progress in completion of Sewage Treatment Plant as well as enhancement in the Sewage Treatment Capacity over last 6 years (2018 - 2024)





Projection for coming Two (2) years:

Around 10 STPs with a total treatment capacity of 277 MLD is likely to be completed in next two years.

Status of Faecal Sludge & Septage Management

- ❖ For effective and comprehensive management of Sewage and Septage with an aim to reduce Faecal Coliform in River Ganga Department of UD & MA Faecal Sludge and Septage Management Policy has been framed and notified by the Department vide Memo No. 33-UDMA/24011(99)/66/2021 dated 25.05.2022.
- West Bengal is already having two (02) fully operational Faecal Sludge Treatment Plants (FSTP) each having a capacity of 30 KLD at Promodnagar Cluster catering the septage from North Dumdum, South Dumdum, Kamarhati and Baranagar.
- FSTPs in Burdwan (50 KLD) and Bansberia (15 KLD) are under Tendering Stage.
- KMDA has submitted Detail Project Reports (DPR) on FSTP for Uttarpara, Ranaghat and Pujali Municipalities to NMCG which are under examination.
- Under Performance Based Incentive Grant (PBIG), FSTPs for Bhadreswar and Garulia Municipalities are under examination of NMCG.
- Two Pilot projects (Siliguri and Kharagpur 30 KLD each) under IIT, Kharagpur in the final stage of tendering.

❖ **Sludge & Septage Management in Functional Sewage Treatment Plants (STP):**

Presently, Septage and Sewage is being co-treated in operational STPs of Gayeshpur, Nabadwip, Barrackpore, Budge Budge, Halisahar, Chandannagar & Chinsurah ULBs.

Total Septage emptied upto 31.03.2024 in the functional STPs by ULBs as below:

Sl. No.	Name of ULB	Functional STP	No of Cesspool emptier available	Co- Treated Sludge (KL)
1	Gayeshpur	Gayeshpur STP (8.33 MLD)	13 nos.	69.00 KL
2	Halisahar	Halisahar STP (16 MLD)	2 nos.	260.80 KL
3	Budge Budge	Budge Budge STP (9.30 MLD)	1 no	306.80 KL
4	Nabadwip	Nabadwip STP (9.50 MLD)	3 nos.	161.00 KL
5	Barrackpore	Barrackpore STPs (24 MLD)	2 nos.	977.60 KL
6	Chandannagar & Chinsurah	Chandannagar STPs (22.66 MLD)	Chandannagar 3 nos. Chinsurah 2 nos	763.00 KL
Total				2538.20 KL

➤ **End to End solution**

❖ **Sludge Management in functional STPs:**

- State Government has sanctioned Rs. 49.8 Lakhs for preparation of DPR for End-to-End solution of Sludge Management for 26 old functional STPs of the state. Work Order has already been issued and work is in progress. Work Completion date September – 2024.

❖ **Re-use of Treated Waste Water**

Department of UD & MA, Govt. of West Bengal has framed a Policy on Re-use of Treated Waste Water in Urban Areas & has notified it on June 2020.

- Presently, state is utilizing Treated Waste Water in Pisciculture, Gardening Road Cleaning.
- East Kolkata Wetlands (EKW) is internationally recognized natural STP treating 910 MLD Sewage of Kolkata which is then getting re-used in Pisciculture. Presently there are around Ten (10) Fishery co-operatives here, utilizing this Waste Water and generating livelihood for local people.

- DVC has mapped proposed STPs at Asansol & Durgapur for re-use of Treated Waste Water in their Durgapur Steel Thermal Power Station (DSTPS)
- Presently 10% - 20% of the Treated Waste Water is being reused for various purposes in the state as per mandate of Safe Re-Use of Treated Waste Water Policy of GoI.

❖ **Mandatory Site Inspection Reports of the Engineers**

The Department of UD & MA has issued an Order no 115-UDMA-24011(99)/7/2021-JS(UDMA) dated 02.02.2021 wherein it has been instructed that all Executing Agencies must visit sites compulsorily fortnightly and to submit a Report on the progress of the work along with good quality photographs (The site inspection Report of KMDA for the month of March 2024 is annexed as B).

➤ **Construction & Demolition (C&D) waste facility:**

KMC has already arranged for separate collection and transportation facilities of Construction & Demolition waste and all these materials are being processed at Patharghata C&D Plant, Patharghata, Action Area-III, Newtown, Kolkata-700135. The plant is fully operational and first of its kind in Eastern India.

➤ **Styrofoam Waste Processing Facility:**

Tender for processing of **Styrofoam Waste processing facility** at Dhapa Site, KMC is under Process.

➤ **Flower Waste Processing Facility:**

Tender for conversion of flower waste into Incense sticks is also under pipeline.

➤ **Plastic Waste Processing Facility:**

KMC has already set up 2 Tons per Day (TPD) Plastic Waste Processing Plant at Dhapa Site. KMC has also issued Work Order for 100 TPD Material Recovery Facility (MRF) with minimum 2 TPD Board plus minimum 8 TPD Lumber for processing and treatment of plastic waste.

➤ **IEC Activities:**

As a part of consistent and communicative efforts of WBSPMG, various kinds of Communication and Public Outreach activities such as World Wetland Day, Stalls, Public Outreach and Knowledge Based events involving specially-abled children, Street Drama, Tableau Campaign, Wall Painting, Slogan Competition, *Ghat pe Haat* had been organised by WBSPMG in association with the District Ganga Committees (DGCs) in the locality of Ganga adjacent Districts.

It is to be worth noted that our efforts for IEC activities has been duly appreciated by NMCG in their Social Media Platforms.

Photographs of some IEC initiatives of WBSPMG





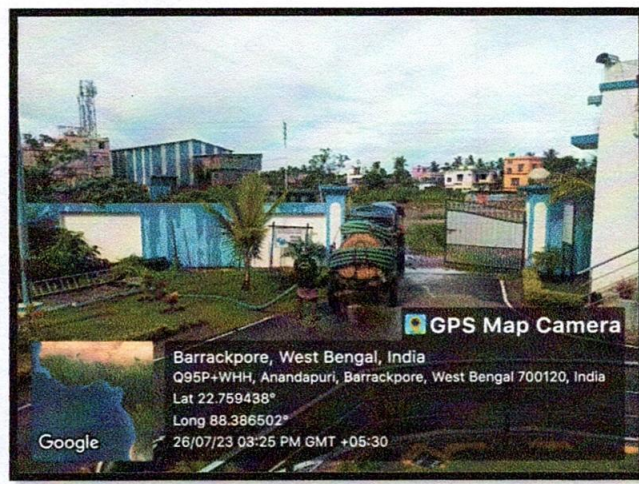
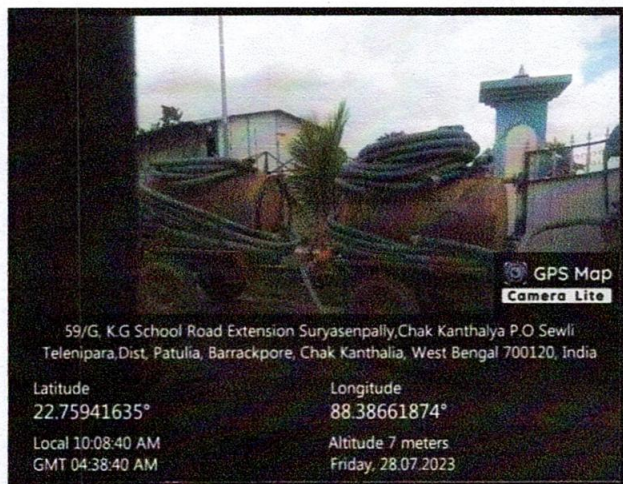


World Wetland Day

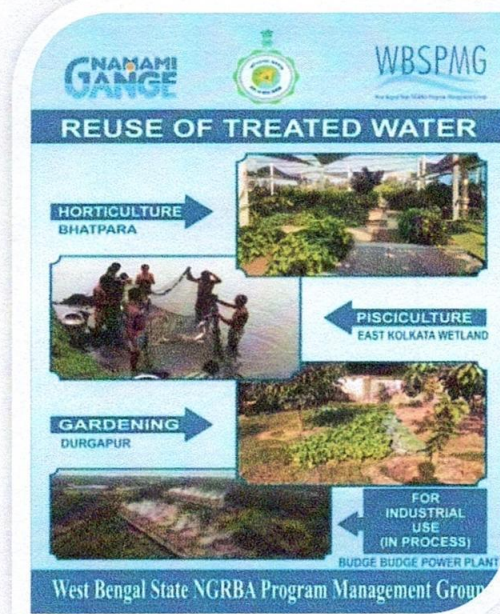
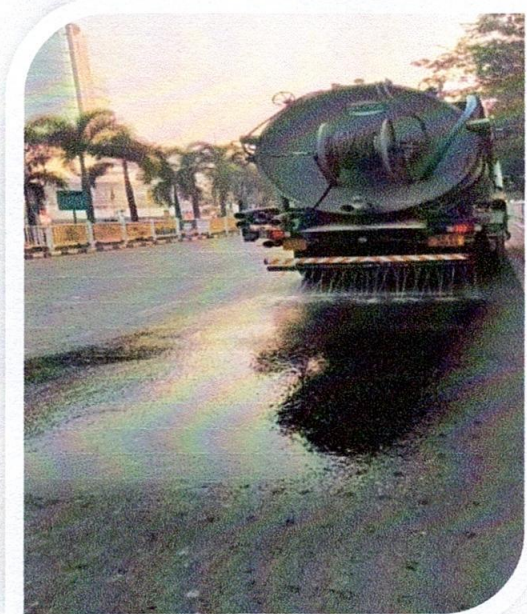




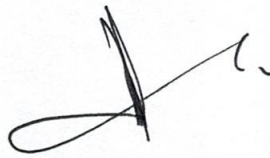
❖ **Photographs showing Co-Treatment of Sewage and Septage in the functional STPs**



❖ **Photographs of Re-use of Treated Waste Water**



NANDINI GHOSH, IAS
Senior Special Secretary
Department of Urban Development &
Municipal Affairs
Govt. of West Bengal


(Nandini Ghosh, IAS)
Senior Special Secretary
Department of UD&MA
&
Program Director, WBSPMG

Annexure II

Overall status of Sewage Management in the Ganga Towns of West Bengal

I	Estimated Sewage Generation (Based on Estimated population in Urban areas as on 2022 taking 2011 census as base.)	1401 MLD (Kolkata- 356.1 MLD and 1044.9 MLD for DGCs)
II	Details of Sewage Treatment Plants	
	Existing number of operational STPs and treatment capacity	36 (535.38 MLD)
	Number of STPs under construction	10 (231 MLD)
	Number of STPs under renovation (It includes additional 13 MLD, by way of augmenting Garden Reach STP and Keorapukur STP;	2 (76.70 MLD)*
	Number of STPs under proposal/tendering stage	18 (414.60 MLD)**
	Total treatment capacity	1257.68 MLD
III	Gap in treatment capacity	143.32 MLD.

Note:

**Proposed STP on Kestopur canal with capacity 41 MLD is included under proposal stage. The canal is flowing partly through Bidhannagar Municipal area and also through North 24 Parganas and joins river Ganga through Chitpur lockgate.

*Both Garden Reach and Keorapukur STPs are currently treating 102 MLD Waste Water as of now.

To address the Gap of 143.32 MLD, proposals for additional treatment capacity of approximately 550 MLD (based on estimated population in 2037) by setting up new STPs/FSTPs in existing Ganga Towns and by capacity augmentation of already existing STPs, all amounting to Rs. 2,885 crore have been sent to NMCG under Namami Gange –II. The DPRs are being sent to NMCG in phases for approval and funding.

Annexure-III, Quarterly Progress (JAN 2024 to MAR 2024) Report

Sl. No.	Concerned Department	Topic of Action point for STPs	No of STPs	Targets achieved and the reasons for delay in compliance	Targets not achieved and the revised timelines proposed*	Action taken or suggested for violation of timelines or non-achieving of targets
[1]	[2]	[3]	[4]	[5]	[6]	[7]
1		Sewerage System & STP at Kalyani Municipal Town	2	Operation and Maintenance running.	Operational	NA
2		Sewerage System & STP at Gayeshpur Municipal Town	1	Operation and Maintenance running.	Operational	NA
3		Sewerage System & STP at Bhatpara Municipal Town	4	Operation and Maintenance running.	Operational	NA
4		Sewerage System and STP at Halisahar Municipality	1	Operation and Maintenance running.	Operational	NA
5		Sewerage System and STP at Budge Budge Municipality	1	Operation and Maintenance running.	Operational	NA
6		Sewerage System and STP at Barrackpore Municipality	2	Operation and Maintenance runing	Operational	NA
7		Pollution Abatement Work for River Ganga at Nabadwip under NGP Scheme	1	Operation and Maintenance running	Operational	NA
8		Pollution Abatement Works for River Ganga at Howrah under HAM	1	Operational.	Operational	NA
9		Pollution Abatement Works for River Ganga at Bally under HAM	1	Operational.	Operational	NA
10		Pollution Abatement Work for River Ganga at Kamarhati & Baranagar under HAM	1	Overall physical progress :96.07% upto 31.03.2024	Proposed timeline- June, 2024	NA
11		Pollution Abatement works for River Ganga at Kancharapara under DBOT	1	Operation and Maintenance running	Operational	NA

Sl. No.	Concerned Department	Topic of Action point for STPs	No of STPs	Targets achieved and the reasons for delay in compliance	Targets not achieved and the revised timelines proposed*	Action taken or suggested for violation of timelines or non-achieving of targets
[1]	[2]	[3]	[4]	[5]	[6]	[7]
12	Municipal Corporation Municipal Development Authority (KMDA)	Pollution Abatement Work for River Ganga at Berhampore	1	As per proposed revised BOQ Physical Progress upto 31.03.2024 : 55.30%(Considering actual progress as received from E&M Sector) Construction of STP Physical progress- 59.5% Completed. i) SBR Basin: Civil Work-97% Completed. ii) MPS- 39% Completed iii) Centrifuge House- 83% Completed iv) Inlet Chamber- 88% Completed v) MCC Blower Room- 66% Completed. v) Boundary Wall- Civil work- 120 m/240m Completed LS at Kapiler Math: Civil work Progress-43% LS near DM Bungalow: Civil work Progress-39% UGLS at Battala: 80% civil work completed. I&D Structure: 31.38 % completed. Network: Gravity Sewerage - 83.00% completed Rising main - 98.36% completed.	Extention of Time has been prayed till September 2024	NA
		I & D network for existing drain falling in river Ganga including sewage treatment plant (STP) at Jangipur	2	As per proposed revised BOQ Overall Physical Progress upto 31.03.2024 : 60.95%(Considering actual E&M Progress) for Jangipur & Raghunathganj Raghunathganj: Construction of STP Physical progress- Civil Work 84.60% completed i) SBR Basin: Civil Work- 99% Completed. ii) Inlet Chamber: Civil Work- 98.5%Completed. iii)MCC- Blower Room: Civil Work-93% Completed. iv) Centrifuge House of STP: Civil Work-98% Completed. v) Chlorination Building : Civil Work-98% Completed. vi) CCT room: Civil Work-98% Completed. vii) MPS- 1no. Civil Work-72% viii) Boundary wall- 70% 1) LS at Global More: Civil work 38.00% completed. 2) UGLS at SHibaji Sangha: NOC issued on 01.02.2022., Drawing & Design is under progress. 3) UGLS at Balighata: NOC has been issued on 07.07.2022. Drawing & Design is under progress. Jangipur: Construction of STP Physical progress- Civil Work 87.40 % Completed i) SBR Basin: SBR wall is under progress.-Civil-99% Completed. ii) Inlet Chamber: Civil- 98% Completed. iii)MCC- Blower Room: Civil Work-94% Completed. iv) Centrifuge House of STP: Civil work-99% Completed. v) Chlorination Building : Civil work-98% Completed. vi) CCT : Civil Work-98% Completed. vii) MPS- 1 no. 87.70% civil work Completed viii) Boundary Wall- Civil work-70% I&D Structure: 23.08% completed Network (Raghunathganj and Jangipur): DWC-3018 m completed DI- 1870m Completed 1) LS at Burning Ghat: Civil Work-77.0% Completed.		NA
13						

Sl. No.	Concerned Department	Topic of Action point for STPs	No of STPs	Targets achieved and the reasons for delay in compliance	Targets not achieved and the revised timelines proposed*	Action taken or suggested for violation of timelines or non-achieving of targets
[1]	[2]	[3]	[4]	[5]	[6]	[7]
14	Kolkata Metropolitan Corporation	Pollution Abatement Works for river Ganga at Hooghly Chinsurah	1	Progress as on 31.03.2024 Overall progress - 86% (Including E&M). 1) SBR Basin water tightness test competed. 2) Chlorination tank water tightness test completed. 3) Sewerage network design as well as structural design are completed and work 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 and gravity line going on. 6) LS3 progress- 50%. 7) MPS progress- 99%.	Oct-24	NA
15		Pollution Abatement Works for river Ganga at Maheshtala Municipality	1	Overall physical progress:- 66.95% upto 31-03-24 1. STP physical progress - 90.14% completed. 2. Office Building & Staff Quarter -70% completed 3. 65.28% of Supply of Electromechanical Items. 4. MPS progress- 14.93%. SBR Basin:-Platform & wall 100%completed. Hydro testing of Basin 1 Completed. CCT:- 1st floor slab casting completed. Brick work, plastering wip. SHU:- 1st floor slab casting 100% completed. PTU:- Grit Chamber side wall WIP. Admin Building:-electrification WIP. Staff Quarter:-electrification WIP. Pipe laying:- Pipe Laying , Hydro testing & Road Restoration WIP. LS 2-Wet sump excavation 50% completed PCC WIP. LS-2A-Raft and sinking of well 100% completed. LS-3-10 th Lift casting 100% completed sinking WIP.	Mar 2025 (Including Trial Run)	NA
16		Rejuvenation of existing STP along with Lifting Station & Pumping Station including Sewerage Network and 5 (Five) Years Operation and Maintenance at Baidyabati and Bhadreswar under Hooghly District in West Bengal.	2	Operation and Maintenance running	Operational	NA
17		Rejuvenation of existing STP along with Lifting Station & Pumping Station including Sewerage Network and 5 (Five) Years Operation and Maintenance at Chandannagar and Bansberia under Hooghly District in West Bengal.	3	Operation and Maintenance running	Operational	
18		Rejuvenation of existing STP along with Lifting Station & Pumping Station including Sewerage Network and 5 (Five) Years Operation and Maintenance at Sreerampore and Champdani under Hooghly District in West Bengal.	2	This project has been shifted from the Rejuvenation category to Augmentation category and in house DPR for STP at Sreerampur and STP at Champdani are ready . But due to pending NOC from Railway authority DPR could not be submitted.	NA	NA

Sl. No.	Concerned Department	Topic of Action point for STPs	No of STPs	Targets achieved and the reasons for delay in compliance	Targets not achieved and the revised timelines proposed*	Action taken or suggested for violation of timelines or non-achieving of targets
[1]	[2]	[3]	[4]	[5]	[6]	[7]
19		Rejuvenation of existing STP along with Lifting Station & Pumping Station including Sewerage Network and 5 (Five) Years Operation and Maintenance at Uttarpara - Kotrung and Konnagar under Hooghly District in West Bengal.	1	Operation and Maintenance running.	Operational	NA
20		Rejuvenation of existing STPs alongwith Lifting Station and pumping station including network at Garulia (1 no STP), Naihati (2 nos. STP), Panihati (1 no STP), Khardah(1 no STP) and Titgrah (2 nos. STP)	7	Operation and Maintenance running.	Operational	NA
21		Sewerage System and STPs at North Barrackpore	2	1). 30 MLD STP at Babunpur - 25.008% work completed. 2) 8 MLD STP at Monirumpur STP could not be started for NOC of Land from Cantonment Board.	For 30 MLD STP-Oct 2025 (Including Trial Run)	NA
22		Pollution abatement works for River Ganga at Katwa (Including augmentation of existing STP), Murshidabad & Santipur	3	Under examination of NMCG	NA	NA
23		Sewerage System and STP at Chakdah	1	Work just started	Dec-25	NA
24		STP at Krishnanagar	1	Under Tendering stage. (1st Call)	NA	NA
25		STPs at Uluberia, Jiaganj- Azimganj, Diamond Harbour, Kestopur	4	4 STPs are in proposal Stage. (Subject to availability of land)	NA	NA
26		Near WBSETCL, Joka - 45 MLD	1	Overall Physical progress- 68.1%	Jun-24	The sewage network at the 03nos. STPs under KEIP is being developed under respective works. Trunk sewers are being laid. S&D network to be completed by 2023. Approximately Rs. 1700cr. For S&D works. Out of this, about 1300 cr. linked for development of the trunk S&D system within the catchment areas of the 3 STPs and remaining indirectly linked for the abatement of pollution to the River Ganga in other areas. Out of 1300 cr. about 1097 cr. has been disbursed. Time line for balance work not within the present scope including uncovered areas to be finalized based on the time frame of implementation of future loan or from own resources of KMC. (ward 127, 142, part of 125,126,143 &144) [Laying of trunk S&D lines including construction of pumping stations in ward 127, 142, part of 125,126,143 &144 are considered in
27		Bank Plot, M.G Road - 40 MLD	1	Overall Physical progress- 75.7 %	Jun-24	

Sl. No.	Concerned Department	Topic of Action point for STPs	No of STPs	Targets achieved and the reasons for delay in compliance	Targets not achieved and the revised timelines proposed*	Action taken or suggested for violation of timelines or non-achieving of targets
[1]	[2]	[3]	[4]	[5]	[6]	[7]
28	Kolkata Municipal Corporation (KMC)	Rajpur-Sonarpur, Rania - 23 MLD	1	Overall Physical progress- 97%	May-24	127, 142, part of 123, 126, 143 & 144 are considered in new project under KURIP which will be funded by ADB. Considering the contribution of the aforesaid areas and areas under KEIIP, STPs are being constructed under ongoing KEIIP. Preparation of the DPRs & bid documents are in progress for the same. Time frame for implementation of the said works can be finalized after signing of the loan with ADB. However, the said loan is expected to be signed with ADB by middle of 2024.]
30		Bansdroni STP	1	Revised AA&ES approved in the 46th EC Meeting held on 23/12/2022, Agenda Item No. 46.01. Estimated amount of Rs 653.72 Crores (including cost of O & M for 15 years -Rs 211.53 Crores) under DBOT mode.	30 months from the date of issuance of work order	NA
31		STP Near Golf Garden, Sukhapukur	1	Tendering done on 29.08.2023. Tender opening date extended upto 10.01.2024. Tender Opened and Technical bid under evaluation		
32		Birji Road STP near SahidKhudiram Metro	1			
36		STPs at Garden Reach	1	AA&ES approved in the 44th EC Meeting held on 17/08/2022, Agenda Item No. 44.18. Estimated amount of Rs 289.02 Crores (including cost of O & M for 15 years -Rs 149.11 Crores) under HAM mode. Tendering Completed. Letter of Award (LoA) issued on 22.12.2023. Formal WO to be issued shortly.	24 months from issuance of work order	NA
37		STPs at Keorapukur	1	AA&ES approved in the 45th EC Meeting held on 30/09/2022, Agenda Item No. 45.3. "DPR for Rehabilitation of existing 50 MLD STP at Keorapukur and other allied works at Kolkata, West Bengal" EC approved the proposal at an estimated amount of Rs 67.06 Cr. (including cost of O & M for 15 years – Rs 38.99 Cr.) under DBOT mode. Tendering under progress Tender Publish date: 28/03/2023, Bid opening extended up to date: 14/09/2023. Since, after opening of technical bid, it has been found that, Single Bidder has participated in the said tender, KMC has solicited guidance from NMCG to whether to accept the tender and evaluate the technical bid document or to call fresh 2nd time e-tender.	NA	NA

Sl. No.	Concerned Department	Topic of Action point for STPs	No of STPs	Targets achieved and the reasons for delay in compliance	Targets not achieved and the revised timelines proposed*	Action taken or suggested for violation of timelines or non-achieving of targets
[1]	[2]	[3]	[4]	[5]	[6]	[7]
38		STP Near Surinaam Ghat, Dhankheti Nikashi (22.55041, 88.29222)	1	Under Proposal (Subject to availability of land)	NA	NA
39		STP Near BhangaKhal, Gardenreach area (22.54118, 88.25155)	1	Under Proposal (Subject to availability of land)	NA	NA
41		New Keorapukur STP	1	Under Proposal (Subject to availability of land)	NA	NA
42		Strand Road STP	1	Under Proposal (Subject to availability of land)	NA	NA
43	PHED	STPs at Diamond Harbour, Berhampore, Katwa, Murshidabad and Nabadwip	5	Operational. Constructed in GAP-I. Berhampore is in renovation stage	NA	NA
44	MED	Jiagunj Azimgunj Takia Oxidation Pond	2	Operational	Operational	NA

Action taken for 105 nos CPCB identified drains.				
SL NO	CODE	NAME OF DRAIN	DIST	Action Taken
1	R28	Telkal Ghat drain, Howrah	Howrah	Engagement of consultant is under process.
2	R29	Rarnkrishna Mullick Ghat, Howrah	Howrah	Engagement of consultant is under process.
3	R30	130- Foreshore Road Drain, Howrah	Howrah	Engagement of consultant is under process.
4	R31	101, Foreshore Road Drain, Mowrah	Howrah	Engagement of consultant is under process.
5	R32	Shibpur Burning Ghat, Howrah - Shibpur	Howrah	Engagement of consultant is under process.
6	L34	Tolly Nullah (Adi Ganaa)	Kolkata	Under KMC
7	L35	Dhanketikhali Garden	Kolkata	Under KMC
8	L36	Kanchantala -I	Kolkata	Under KMC
9	L37	Kanchantala-11	Kolkata	Under KMC
10	L38	Kanchantal"- 1"	Kolkata	Under KMC
11	L39	Munikali Khal (formerly Drain @ Akhra Food ghar)	South 24 Paragnas	Will be tapped to the Maheshtala 35 MLD STP HAM project, Under construction
12	L40	Muni Khali Khal (Akhra ferry Ghat)	South 24 Paragnas	Will be tapped to the Maheshtala 35 MLD STP HAM project, Under construction
13	R53	Rishra burning ghat	Hooghly	Consultant engaged for DPR. DPR shall be submitted by 14.09.2024
14	R54	Drain at Panchu dutta ghat	Hooghly	Consultant to be engaged.
15	R23	Bagh Khal, Rishra	Hooghly	Consultant engaged for DPR. DPR shall be submitted by 14.09.2024
16	R24	Bally Khal, Bally	Hooghly	Consultant engaged for DPR.DPR shall be submitted by 14.09.2024.
17	R25	Dewangazi Drain	Hooghly	On-line treatment proposal sent.
18	R26	Jagannath Drain	Howrah	To be Tapped under HBB HAM

19	L48	Dakshineswar ferry ghat	North 24 Parganas	To be Tapped under HBB HAM
20	L30	Baranagar/Kuthighata Khal	North 24 Parganas	Consultant to be engaged.
21	L31	Cossipore Khal	Kolkata	Under KMC
22	L32	Chitpur Ghat khal	Kolkata	Under KMC
23	L33	Nimtala Burning Ghat	Kolkata	Under KMC
24	L49	Drain near Howrah bridge	Kolkata	Under KMC
25	R15	Chandannagar Drain	Hooghly	Already tapped in Chandannagar STP
26	R51	Drain at Akhash Ganga	Hooghly	Preparation of DPR already proposed
27	R16	Gondal Para	Hooghly	Engagement of Consultant is under process.
28	R52	Telinl para drain	Hooghly	Engagement of Consultant is under process.
29	R17	DVC Canal	Hooghly	Consultant engaged for DPR. DPR shall be submitted by 14.09.2024
30	R18	Champdany Ferry Ghat/Paolghat drain	Hooghly	In house DPR is ready . But it could not be submitted due to lack of NOC for MPS land.
31	R19	Baidyabati Drain	Hooghly	Consultant engaged for DPR. DPR shall be submitted by 14.09.2024
32	R20	Chatra Khal, Serampore	Hooghly	In house DPR is ready . But it could not be submitted due to lack of NOC of railway crossing from South Eastern Rail.
33	R21	Serampore/ Bhagirathi Drain	Hooghly	In house DPR is ready . But it could not be submitted due to lack of NOC of railway crossing from South Eastern Rail.
34	R22	Hastings Ghat Drain, Rishra	Hooghly	Consultant engaged for DPR. DPR shall be submitted by 14.09.2024
35	R55	Drain at Begunberia Harakhali	East Midnapur	FSTP proposed low BOD and regular tidal zone
36	R56	Green belt canal	East Midnapur	FSTP proposed low BOD and regular tidal zone
37	R49	Jhikhurkhali drain	East Midnapur	FSTP proposed low BOD and regular tidal zone

38	R7	ITC Tribeni Drain, Hooghly	Hooghly	This drain carries discharge from ITC, Tribeni. Gram Panchayat area
39	RB	BTPS Out fall Drain -1 ,Hooghly	Hooghly	This drain carries discharge from BTPS, Tribeni. Gram Panchayat area
40	R9	Dhopa Ghat Drain, Hooghly	Hooghly	Engagement of Consultant is under process.
41	R10	Rosbara khal, Hooghly	Hooghly	Will be tapped in Hooghly Chinsurah STP, under construction
42	R11	Chandni Ghat Drain, Chinsurah	Hooghly	Will be tapped in Hooghly Chinsurah STP, under construction
43	R12	Imambara Khal	Hooghly	Will be tapped in Hooghly Chinsurah STP, under construction
44	R13	Chinsurah -Majir Rasta Prain	Hooghly	Will be tapped in Hooghly Chinsurah STP, under construction
45	R50	Drain at Tamil para terry 19hat, Chinsura	Hooghly	Will be tapped in Hooghly Chinsurah STP, under construction
46	R14	Sarishapara	Hooghly	Engagement of Consultant is under process.
47	R33	Botanical Garden - 1, Kolkata	Howrah	Consultant to be engaged.
48	R34	Botanical Garden - II, iKolkata	Howrah	Consultant to be engaged.
49	R35	Nazerganj Khal	Howrah	To be Tapped /DPR under tendering stage (1st Call)
50	R36	N.C.Pal Khal	Howrah	To be Tapped /DPR under tendering stage (1st Call)
51	R37	Saraswati Khal, Sankrail	Howrah	To be Tapped /DPR under tendering stage (1st Call)
52	R38	Singhi More Khal	Howrah	To be Tapped /DPR under tendering stage (1st Call)
53	R39	Sankrail, near Manikpur ferry ghat	Howrah	To be Tapped /DPR under tendering stage (1st Call)
54	R40	Drain @ Bazarpara, Garigha t Sharenga Khal	Howrah	To be Tapped /DPR under tendering stage (1st Call)
55	L41	Budge Budge - Pujali	South 24 Paragnas	FSTP DPR submitted to NMCG for low BOD and regular tidal zone
56	L42	Dakshin Raypur	South 24 Paragnas	Gram Panchayat area
57	L43	Saratala	South 24 Paragnas	Gram Panchayat area

58	L44	Falta -111	South 24 Parganas	Gram Panchayat area
59	R45	Rangamati More	Howrah	Engagement of consultant is under process.
60	R46	Madai Hat	Howrah	Engagement of consultant is under process.
61	R47	Kumar Khali	Howrah	Engagement of consultant is under process.
62	R48	Garchumuk	Howrah	Engagement of consultant is under process.
63	L23	Gandhi ghat Drain @ South gate-1, Barrackpore	North 24 Parganas	Tapped under 6 MLD STP Barrackpore
64	L24	Talpukur	North 24 Parganas	Partially tapped under Bandipur STP
65	L25	Titagarh Drain @ Bishal axmi Ghat	North 24 Parganas	Partially tapped under Bandipur STP
66	L26	Khardha Khal, Khardha	North 24 Parganas	Consultant engaged for DPR.DPR shall be submitted by 14.09.2024.
67	R41	Chakmadhu, Nalpur near Bauria ferry ghat	Howrah	To be Tapped /DPR under process. Consultant engaged, has been terminated due to poor performance. New tender shall be floated after MCC
68	R42	Chakashi - Chengali	Howrah	To be Tapped /DPR under process. Consultant engaged, has been terminated due to poor performance. New tender shall be floated after MCC
69	R43	Phuleswar drain @ Uluberia	Howrah	To be Tapped /DPR under process. Consultant engaged, has been terminated due to poor performance. New tender shall be floated after MCC
70	R44	Kalinga Nagar drain	Howrah	To be Tapped /DPR under process. Consultant engaged, has been terminated due to poor performance. New tender shall be floated after MCC
71	R3	Sakhai Para Ghat Drain, katwa	Purba Bardhaman	Will be tapped under Katwa STP,DPR already submitted to NMCG

72	R4	Drain near Kasiganj, Katwa	Purba Bardhaman	Will be tapped under Katwa STP,DPR already submitted to NMCG
73	RS	Sukanta Palli High Drain, katwa	Purba Bardhaman	Will be tapped under Katwa STP,DPR already submitted to NMCG
74	R6	Goshpara drain, Nabadwip	Nadia	Tapped with Nabadwip STP
75	LS	Majher Char Khal, Kalyani	Nadia	DPR preparation under process. DPR Ph -I submitted for AA&FS. DPR for Ph-II under process.
76	LS	Bagher Khal, (Fodder Khal)	Nadia	Proposed to be tapped with Kanchrapara STP
77	L7	Halisahar Drain	North 24 Parganas	On-line treatment proposal sent.
78	L45	New Bagher khal	North 24 Parganas	DPR preparation is under process and will be submitted shortly
79	L46	Drain at Halisahar municipality	North 24 Parganas	Engagement of Consultant is under process.
80	LB	Gariffa Drain (North)	North 24 Parganas	Partially tapped under Naihati STP(WSP)
81	L9	Gariffa Drain South)/Ramaghat Drain- Open Pucca Drain	North 24 Parganas	Partially tapped under Naihati STP(WSP)
82	L47	Drain at Dadu Ram ghat, Naihati	North 24 Parganas	Engagement of Consultant is under process.
83	L48	Drain at Ramghat Naihati	North 24 Parganas	Engagement of Consultant is under process.
84	L18	Monirampore - Barrackpore	North 24 Parganas	To be tapped in the proposed 8 MLD STP of Monirampur
85	L19	Balughat, Manirampore, Pucca drain, Barrackpore	North 24 Parganas	To be tapped in the proposed 8 MLD STP of Monirampur
86	L20	Barrackpore Drain (SP Bungalow)	North 24 Parganas	To be tapped in the proposed 8 MLD STP of Monirampur
87	L21	Dhobi Ghat Drain, Barrackpore	North 24 Parganas	To be tapped in the proposed 8 MLD STP of Monirampur
88	L22	Barrackpore (adjacent to Ramakrishana Mission)	North 24 Parganas	To be tapped in the proposed 8 MLD STP of Monirampur

89	L1	Jangipur Drain	Murshidabad	To be tapped under 8.0 MLD Jangipur STP
90	R1	Sagar Dhlghi WBPDCCL water project	Murshidabad	Gram Panchayat area
91	R2	Azimganj	Murshidabad	To be tapped / under DPR preparation stage.
92	L2	Nashipur Ghosh Para.Ward No-14	Murshidabad	To be tapped / under DPR preparation stage.
93	L3	Rattala- Gorabazar Beherampore	Murshidabad	To be tapped under 3.5 MLD Berhampore STP
94	L4	Raninagar - Chakdha	Nadia	Already considered under the Chakdah I&D Project work
95	L27	Drain near PB Ghat @ Kamarhati	North 24 Parganas	Partially tapped under Panihati STP
96	L28	Kamarhati Drain @ Jute Mill, Kamarhati	North 24 Parganas	Partially tapped under 60 MLD Baranagar STP under HAM model
97	L29	Dakineshwar - Alambazar	North 24 Parganas	Will be partially tapped to proposed 60-MLD Baranagar STP.
98	L10	Thannar Khal, Naihati	North 24 Parganas	Partially tapped under Naihati STP(ASP)
99	L11	Bhatpara open pucca drain	North 24 Parganas	NIT shall be called shortly for engagement of consultant
100	L12	Bhatpara Drain	North 24 Parganas	NIT shall be called shortly for engagement of consultant
101	L13	Alliance Jute Mill Drain	North 24 Parganas	Already Tapped with Bhatpara STP
102	L14	Drain between Pratapnagar Rajbari. Jagatdal	North 24 Parganas	NIT shall be called shortly for engagement of consultant
103	L15	Authpur (Sastrinagar)	North 24 Parganas	Engagement of Consultant is under process.
104	L16	Debitala pancha khal	North 24 Parganas	Partially tapped under Garulia STP(WSP)
105	L17	Ichapur KhaL	North 24 Parganas	To be partially tapped in 18 MLD STP of Kachrapara

Annexure- V

Interception & Diversion status of Drains falling in River Ganga

Sl.No	Sl. No. of CPCB List	Name of drain	Coordinates / Latitude & Longitude	City/Town of Confluence point	Proposed Methodology	Any STP operational/planned in the catchment area or likely diversion/interception of the drain to STP	STP Capacity in Tender (MLD)	Likely date of completion
(A) Drains can be connected to the STP								
1	1	Jangipur Drain	24.465659 88.068739	Jangipur	In situ treatment	To be tapped with 8.0 MLD Jangipur STP under Berhampore-Jangipur STP project.	8.0 MLD	Work under process. Will be tapped within December, 2024.
2	3	Halisahar Drain	22.928131 88.410995	Halisahar	Lock gate and drop shutter	Tapped with Halisahar STP (16.00 MLD capacity)	16.0 MLD	Tapped
3	4	Garifa Drain-South / Ramaghat Open pucca drain	22.908527 88.405872	Garifa	Lock gate and drop shutter	Tapped with STP 1 (6.50 MLD capacity WSP) at Naihati	18.0 MLD	Tapped
4	5	Garifa Drain-North	22.910819 88.404743	Garifa	Lock gate and drop shutter	Tapped with Naihati (6.50 MLD capacity WSP)		
5	6	Thanar Khal	22.533490 88.242890	Naihati	Lock gate and drop shutter	Tapped with Naihati STP (11.56 MLD capacity ASP)		
6	8	Imambara Khal	22.907930 88.400712	Hooghly	Lock gate and drop shutter	Consider in Hooghly - Chinsurah Tender.Taken up by Hooghly -Chinsurah STP project	26.5 MLD	Work under process. Will be tapped within December, 2024.
7	11	Chinsurah-Majir Rasta Drain	22.523180 88.233140	Hooghly	Lock gate and drop shutter	Consider in Hooghly - Chinsurah Tender.Taken up by Hooghly -Chinsurah STP project		
8	12	Chandni Ghat Drain	22.912617 88.398112	Chinsurah	Lock gate and drop shutter	Consider in Hooghly - Chinsurah Tender.Taken up by Hooghly -Chinsurah STP project		
9	17	Debitala Pancha Khal	22.815483 88.360441	Garulia	Lock gate and drop shutter	Tapped with Garulia STP(4.10 MLD capacity)	4.1 MLD	Tapped
10	19	Serampore / Bhagirathi Drain	22.446260 88.213700	Serampore	Lock gate and drop shutter	To be connected with Serampore	115 MLD	DPR is being prepared.New SBR based STP will be constructed with enhance capacity
11	20	Chatra Khal	22.455100 88.204930	Serampore	Lock gate and drop shutter	To be connected with Serampore		
12	21	Barrackpore Khal (S. P. Banglow)	22.550211 88.325062	North Barrackpore	Lock gate and drop shutter	To be connected with North Barrackpore STP (8 MLD capacity) under tendering stage	8.0 MLD	To be connected within April 2025 with North Barrackpore STP (8 MLD capacity) which
13	22	Gandhi Ghat Drain	22.750641 88.364329	Barrackpore	Lock gate and drop shutter	Tapped with Barrackpore STP (6.00 MLD capacity) which is already tapped	6.0 MLD	Tapped
14	23	Dhobi Ghat Drain	22.793359 88.353420	North Barrackpore	Lock gate and drop shutter	To be connected with North Barrackpore STP (8 MLD capacity) under tendering stage	8.0 MLD	To be connected within April 2025 with North Barrackpore STP (8 MLD capacity) which is under tendering
15	24	Titagarh Drain (Bishalaxmi Ghat)	22.733628 88.363502	Titagarh	Lock gate and drop shutter	Tapped with Titagarh STP (4.50 MLD capacity)	4.5 MLD	Tapped
16	25	Hasting Ghat Drain	22.434500 88.213360	Rishra	Lock gate and drop shutter	DPR is under process for interception of the Drain in a newly proposed STP		Consultant engage for prepration of DPR
17	30	Dewangazi Ghat Drain	22.642772 88.352557	Bally	Lock gate and drop shutter	Tender is under process for adopting methodology for connecting this drain at Kona STP	40.0 MLD	To be connected with Kona STP (62.00 MLD) at Bally.
18	32	Jagatnath Ghat Drain-1	22.619764 88.361093	Belur	Lock gate and drop shutter	Tender is under process for adopting methodology for connecting this drain at Kona STP		
19	33	Kamarhati Drain @ Jute Mill	22.675388 88.365275	Baranagar	Lock gate and drop shutter	To be connected with in Kamarhati-Baranagar STP (60.00 MLD) at Baranagar which shall be executed by Ganga STP Project Pvt. Ltd. under HAM	60.0 MLD	To be connected with in Kamarhati-Baranagar STP (60.00 MLD) at Baranagar with in December,2024.
20	34	Kamarhati Drain @ PB Ghat	22.684364 88.365903	Panihati	Lock gate and drop shutter	Connected with the STP (12.00 MLD capacity) at Panihati in rejuvenation works under North 24 Parganas district.	12.0 MLD	Connected with the STP (12.00 MLD capacity) at Panihati in rejuvenation works under North 24 Parganas district.
21	35	Kuthighat Drain/ Baranagar Khal	22.636390 88.362651	Baranagar	Lock gate and drop shutter	This drain cannot be connected with the 60.00 MLD Baranagar - Kamarhati STP.Alternative methodology will be adopted for treatment	60.0 MLD	
22	36	Chitpur Ghat Khal/ Circular Canal	22.606978 88.369915	Chitpur	Lock gate and drop shutter	KMC		KMC

Interception & Diversion status of Drains falling in River Ganga

Sl.No	Sl. No. of CPCB List	Name of drain	Coordinates / Latitude & Longitude	City/Town of Confluence point	Proposed Methodology	Any STP operational/planned in the catchment area or likely diversion/interception of the drain to STP	STP Capacity in Tender (MLD)	Likely date of completion
23	37	Cossipore / Kashipur drain	22.618925 88.368367	Cossipore	Lock gate and drop shutter	KMC	KMC	KMC,Commissioner KMC has requested MS,WBPCB to exclude this drain as this drain does not discharge in Ganga,vide Memo No- CON/COM/162,Date- 31/12/20
24	40	Telkal Ghat Drain	22.576444 88.340083	Howrah	Lock gate and drop shutter	Tender is under process for adopting methodology for connecting this drain at	KMDA	KMDA
25	41	Ramkrishna Ghat Drain	22.573083 88.336972	Howrah	Lock gate and drop shutter	Tender is under process for adopting methodology for connecting this drain at Arupara STP	KMDA	KMDA
26	42	101,Foreshore Road Drain	22.562300 88.327050	Howrah	Lock gate and drop shutter	Tender is under process for adopting methodology for connecting this drain at Arupara STP	KMDA	
27	44	Tolly Nala	22.550211 88.325062	Kalighat	Lock gate and drop shutter	KMC	KMC	KMC
28	45	Nimtala Burning Ghat Drain	22.564738 88.242108	Kalighat	Lock gate and drop shutter	KMC	KMC	KMC
29	46	Dhankheti/ PB Ghat Khal	22.548084 88.289334	Khidderpore	Lock gate and drop shutter	KMC	KMC	KMC
30	47	Shibpur Burning ghat Drain	22.583304 88.348067	Shibpur-Howrah	Lock gate and drop shutter	Tender is under process for adopting methodology for connecting this drain at Arupara STP	65.0 MLD	Considered in Arupara STP (65.00 MLD) at Howrah.
31	48	Bagher Khal	22.955611 88.423912	Kanchrapara	Lock gate and drop shutter	Connected to Kanchrapara STP (18.00 MLD capacity)	18.0 MLD	Tapped.
32	49	130 Foreshore Road Drain	22.341590 88.200660	Howrah	Lock gate and drop shutter	Tender is under process for adopting methodology for connecting this drain at Arupara STP	65.0 MLD	
33	55	Alliance Mill Drain	22.857849 88.376030	Jagatddal	Lock gate and drop shutter	Already tapped with the Bhatpara STP through the ongoing Bhatpara Project	31.0 MLD	Tapped
34	56	Rosbara Khal	22.918529 88.395952	Bandel	Lock gate and drop shutter	Considered in Hooghly -Chinsurah STP project.	26.5 MLD	Considered to be connected Hooghly - Chinsurah STP project within December,2024
35	50	Old Muni Khali Khal	22.525670 88.245923	Mahestala	Lock gate and drop shutter	Considered in Maheshtala I&D network project	35.00 MLD	To be connected with in March,2025.

WEST BENGAL POLLUTION CONTROL BOARD

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

Priority	River	Stations	pH(Unit)	(DO)(mg/l)	BOD(mg/l)	Total Coliform(MPN/100ml)	Fecal Coliform(MPN/100ml)	Fecal Streptococci(MPN/100ml)
I	Mahananda	Siliguri (Upstream)	7.36	7.2	2.7	140000	70000	94
	Mahananda	Ramghat(Downstream)	7.14	5.5	27	900000	260000	7900
II	Vidyadhari	Haroa bridge (upstream)	7.45	1.19	10.93	170000	79000	1100
	Vidyadhari	Malancha (downstream)	7.17	1.79	9.25	84000	34000	680
II	Churni	Downstream of Ranaghat town	7.48	1.6	3.14	49000	17000	1400
	Churni	Majhdia	7.31	1.3	3.29	22000	5400	700
III	Mathabhanga	Gobindapur	7.69	1.2	3.57	170000	92000	2400
IV	Ganga	Farakka	7.66	9.3	2.5	1100	310	33
	Ganga	Farakka	7.73	7.4	2.3	790	240	23
	Ganga	Khagra	7.36	9.2	2.4	1300	490	23
	Ganga	Khagra	7.81	7.5	2.5	1100	350	33
	Ganga	Baharampore	7.49	9	2.2	11000	3500	330
	Ganga	Baharampore	7.9	7.6	2.5	7900	2400	460
	Ganga	Gorabazar	7.31	9	2.1	9400	2800	310
	Ganga	Gorabazar	7.76	7.7	2.8	7000	2400	230
	Ganga	Nabadip	7.81	8	2.9	3500	1100	79
	Ganga	Nabadip	7.64	8.4	2.1	2200	920	70
	Ganga	Tribeni	7.97	8.3	2	2400	940	70
	Ganga	Tribeni	7.57	7.2	2.8	1300	540	49
	Ganga	PaltaShitalatala	7.63	7.5	2.25	7900	2400	230
	Ganga	PaltaShitalatala	7.74	8.6	2.65	7900	1700	230
	Ganga	Palta,	7.21	7.3	2	13000	3500	490
	Ganga	Palta	7.62	7.1	2.4	17000	5400	330
	Ganga	Serampore	7.37	7.4	2.4	31000	11000	790
	Ganga	Serampore	7.29	8.9	2.8	33000	9400	940
	Ganga	Dakshmineswar	7.23	6.4	2.75	130000	70000	840
	Ganga	Dakshmineswar	7.27	6.15	2.61	110000	46000	940
	Ganga	Garden reach	7.08	6	2.78	110000	58000	940
	Ganga	Garden reach	7.21	5.65	2.75	130000	79000	1100
	Ganga	Howrah-shivpur	6.95	6.1	2.83	79000	40000	790
	Ganga	Howrah-shivpur	7.32	5.85	2.7	63000	33000	330
	Ganga	Uluberia,	7.17	6.2	2.68	31000	14000	630
	Ganga	Uluberia,	7.11	5.54	2.8	13000	7800	790
	Ganga	Durgachak near Pathikhali,	7.9	5.8	1.95	17000	13000	490
	Ganga	Durgachak near Pathikhali,	7.9	5.7	1.6	14000	7000	330
	Ganga	Diamond harbour,	7.9	6.37	2.57	2200	1100	79
	Ganga	Diamond harbour,	7.2	5.95	2.67	1700	1200	130

WEST BENGAL POLLUTION CONTROL BOARD

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

Priority	River	Stations	pH(Unit)	(DO) (mg/l)	BOD (mg/l)	Total Coliform (MPN /100ml)	Fecal Coliform (MPN /100ml)	Fecal Streptococci (MPN/100ml)
IV	KANSI	Downstream at Midnapore	7.6	5.5	2.75	4900	2200	92
IV	JALANGI,	Downstream of Krishna nagar	7.77	8.7	1.8	7900	2200	460
V	Damodar	Dishergharh	7.7	8.5	2.05	2600	1700	21
	Damodar	IISCO near Dhenna Village,	7.79	8.4	2.35	2200	2100	26
	Damodar	Narainpur	8.32	8.6	2.3	3200	1700	27
	Damodar	Near Mujher Mana Village	7.75	8.1	2.65	2700	1700	21
	Damodar	Andal D/s	7.93	8.5	2.35	3300	2100	21
	Damodar	Andal U/s	7.5	8.4	2.7	3900	1700	26
	Damodar	Asansol U/s	7.73	8.6	1.85	3200	2000	27
	Damodar	Durgapur U/s	7.97	8.5	2.45	2600	2000	17
	Damodar	Raniganj D/s	7.67	8.6	2.4	2700	2100	22
	Damodar	Water intake point for Burdwan Town	7.08	8.6	2.15	2600	2100	21
V	Dwarka	Upstream of Tarapith at SadhakBamdebghat	7.67	9.8	3.05	4000	2600	26
	Dwarka,	Downstream of TarapithSatighat	7.95	10	3.15	4700	3300	22
V	Barakar	Asansol	7.98	8.5	2.35	2600	1400	17
V	Rupnarayan	Geonkhali	8.1	5.6	1.7	9400	4600	200
	Rupnarayan	Kolaghat (Down Stream)	7.9	5.3	1.1	9400	4900	210
V	Dwarakeshwar	Bankura town	8.05	8.6	2.55	3200	1700	26
V	Teesta	At Jalpesh	7.6	8.3	1.1	5000	2300	110
	Teesta	At Sevoke	7.4	8.2	1	2600	1100	79

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

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

Site Inspection Report.**Month- MARCH 2024**

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

1. Physical progress of the operational STPs.

Sl. No.	Location	ULB Jurisdiction	Capacity in MLD	Actual utilization at present	Reasons for underutilization if any	Status of installation of OCEMs	Status of House Connection (if any)	Incremental progress over the last visit
1	Bhatpara	Bhatpara	60.50	28.52	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	19.0	NA	Not install till now	Present length of network = 260 km (Approx) L&T= about 48km, existing about 212km, network remaining = about 110 km. Number of house hold = 30000, house connection 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	3.72	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	5.702	Only for available drain connection	Not install till now	Total Connection 13200 House pit constructed -11524 nos IP constructed -5227 Connection made to the source : 1868.	Under O&M HDPE PIPELINE = 100 Mtr. Jack Push work : 10 Mtr. Manhole : 8 nos IP : 8 nos
5	Barrackpore	Barrackpore	24.0	7.872	Sewerage network could 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	Not install till now	"Barrackpore Municipality has completed about 25200 no House connections out of 35000. Achieved Chamber up to 29.02.2024 is 40500 nos.	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
					completed. Presently sewage from the existing drains are being taken by I& D structures			
6	Halisahar	Halisahar	16.0	5.10	a. House connection pending which executed from local ULB and about 600 nos house hold source connectet out of total 32866 Nos. b. Some of the drains intercepted to collect water.	Not install till now	Due to pending work of house connection Total House connection needed 32866. Achieved Chamber nos 25311 Full completed 15299	Operation & Maintenance work for STP started.
7	Bandipur (Khardah)	Khardah	14.00	12.8	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	3.8	a. Irregular/inadequate pumping due pump break down etc may cause deficit in inlet discharge. b. Irregular cleaning of Debitola Pacha Khal from others authority causing chokage of	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 screen causing deficit in adequate inlet discharge.			
9	Naihati	Naihati	6.50	6.0	a. Irregular/inadequate pumping may cause deficit in inlet discharge. b. During dry season level of water reduces accordingly. c. Irregular cleaning of Lalbaba ghat darin and Ramghat drain from others authority causing chokage of inlet screen causing deficit in adequate inlet discharge.	Not install till now	NA	Operation & Maintenance work for STP started.
10	Naihati	Naihati	11.56	11.00	a. Irregular/inadequate pumping may cause deficit in inlet discharge. b. During dry season level of water reduces accordingly.	Not install till now	NA	Operation & Maintenance work for STP started.
11	Panihati	Panihati	12.00	11.0	a. Necessary permission from PWD to rectify/restore the leakage of rising main pipe yet not received from the competent authority till to date.	Not install till now	NA	Operation & Maintenance work for STP started.
12	Titagarh	Titagarh	9.00	8.5	a. Irregular pumping and operation due to	Not install till now	NA	Operation & Maintenance work

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
					existing labour /operator/ worker issues.			for STP started.
13	Baidyabati	Baidyabati	6.00	4.149	-	Not install till now	NA	Operation & Maintenance work for STP started.
14	Bhadreswar	Bhadreswar	7.60	3.020	-	Not install till now	NA	Operation & Maintenance work for STP started.
15	Chandannagar	Chandannagar	22.66	8.00	During dry season level of water reduces accordingly.	Not install till now	NA	Operation & Maintenance work for STP started.
16	Bansberia	Bansberia	0.30	0.29	NA	Not install till now	NA	Operation & Maintenance work for STP started.
17	Uttarpara - Kotrung and Konnagar	Kanaipur Gram Panchayet	22.00	7.95	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	3.615	Actual capacity will reached in the year 2051	Installed	NA	O&M started from 01/07/2022
19	Kanchrapara	Kanchrapara	18.00 MLD	7.35	-	Not install till now	-	Trial & Run started from 01/09/2022

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



KALYANI



KALYANI



BARRACKPORE



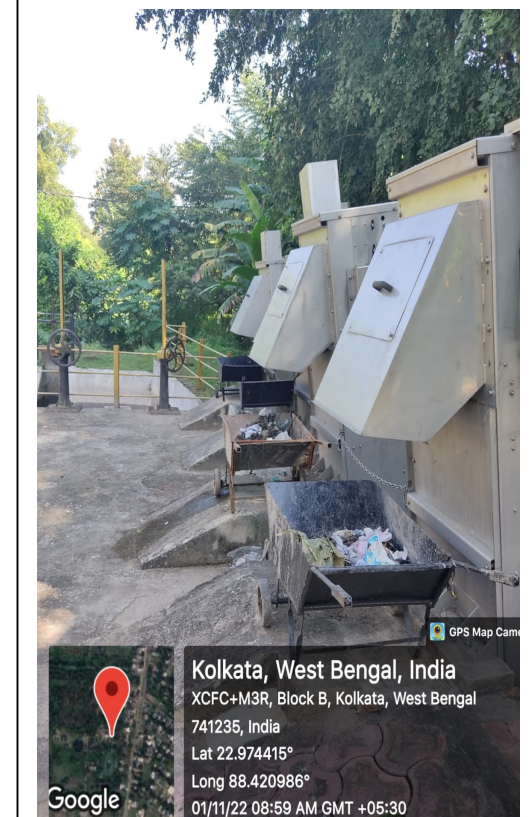
Chlorination Building



GAYESHPUR



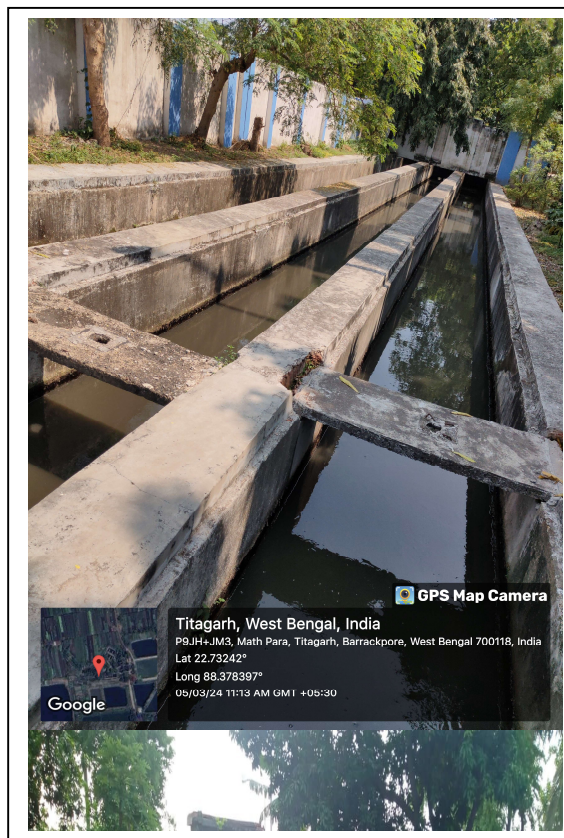
HALISAHAR



KALYANI



Budge budge



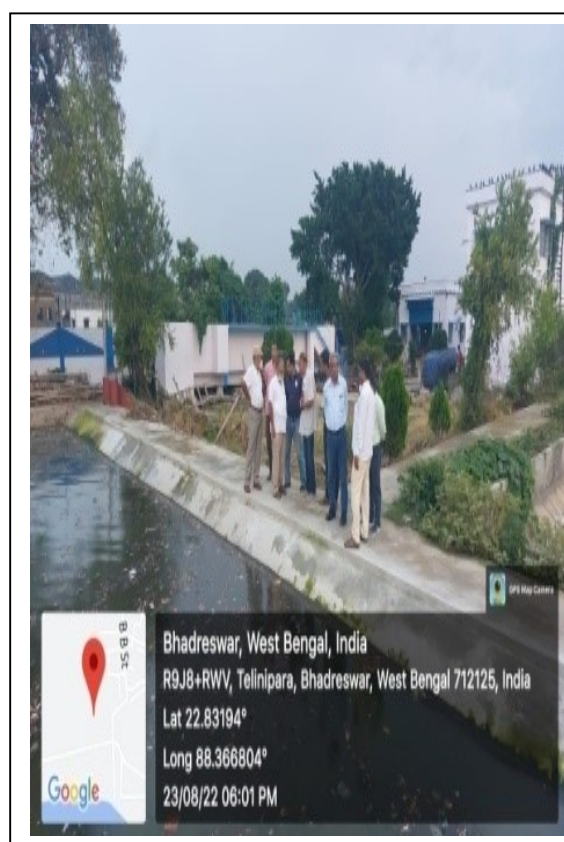
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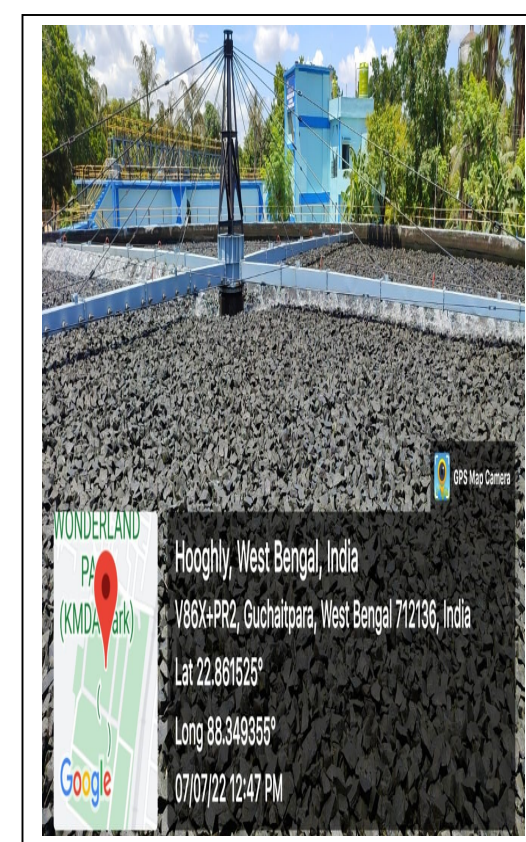
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Baidyabati



Bhadreswar



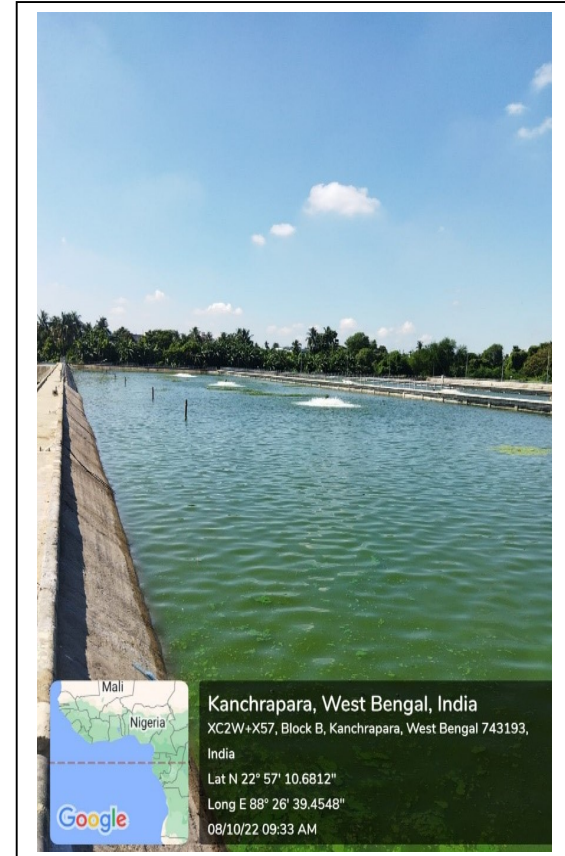
Chandannagore



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	<p>Progress as on 31.03.2024 or civil parts 84.5% E & M -94% Over all progress 86% (Including E&M).</p> <p>1) SBR Basin water tightness test completed.</p> <p>2) Chlorination tank water tightness test completed.</p> <p>3) Sewerage network design as well as structural design are completed and work going on.</p> <p>4) Admin building finishing work going on.</p> <p>5) 500 dia D.I pipe is laying on almost completed & Laying of 600 mm dia DI PIPE going on and gravity line going on.</p> <p>6) LS3 work going on.</p>	

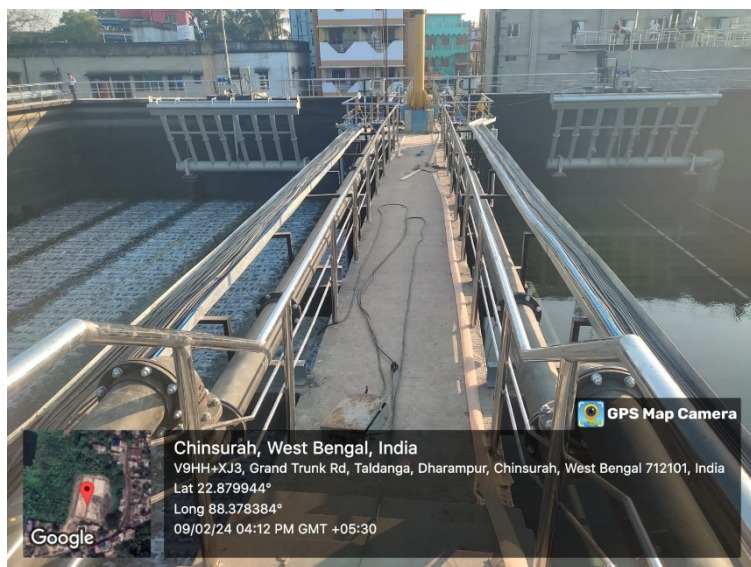
Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
2	Jangipur	Jangipur	8.00 MLD	MAR-2024	<u>Jangipur:</u> Construction of STP Physical progress- Civil Work 87.40 %. Completed i) SBR Basin: SBR wall is under progress.-Civil-99% Completed. ii) Inlet Chamber: Civil- 98% Completed. iii)MCC- Blower Room: Civil Work-94% Completed. iv) Centrifuge House of STP: Civil work-99% Completed. v) Chlorination Building : Civil work-98% Completed. vi) CCT : Civil Work-98% Completed. vii) MPS- 1 no. 87.70% civil work Completed viii) Boundary Wall- Civil work-70% I&D Structure: 23.08% completed Network(Raghunathganj and Jangipur): DWC-3018 m completed DI- 1870m Completed LS at Burning Ghat: Civil Work-77.0%Completed..	
3	Raghunathganj	Jangipur	5.00 MLD	MAR-2024	As per proposed revised BOQ Overall Physical Progress upto 31.03.2024 : 60.95%(Considering actual E&M Progress) <u>Raghunathganj:</u> Construction of STP Physical progress- Civil Work 84.60% completed i) SBR Basin: Civil Work- 99% Completed. ii) Inlet Chamber: Civil Work- 98.5%Completed. iii)MCC- Blower Room: Civil Work-93% Completed. iv) Centrifuge House of STP: Civil Work-98% Completed. v) Chlorination Building : Civil Work-98% Completed.	

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
					vi) CCT room: Civil Work-98% Completed. vii) MPS- 1no. Civil Work-72% viii) Boundary wall- 70% 1) LS at Global More: Civil work 38.3% completed. 2) UGLS at SHibaji Sangha: NOC issued on 01.02.2022., Drawing & Design is under progress. 3) UGLS at Balighata: NOC has been issued on 07.07.2022. Drawing & Design is under progress.	
4	Berhampore	Berhampore	3.50 MLD	MAR-2024	As per proposed revised BOQ Physical Progress upto 31.03.2024 : 59.55%(Considering actual progress as received from E&M Sector) Construction of STP Physical progress- Civil Work 63.2% Completed. i) SBR Basin: Civil Work-97% Completed. ii) MPS- 39% Completed iii) Centrifuse House- 83% Completed iv) Inlet Chamber- 88% Completed v) MCC Blower Room- 66% Completed. v) Boundary Wall- Civil work- 120 m/240m Completed LS at Kapiler Math: Civil work Progress-43% LS near DM Bungalow: Civil work Progress-39% UGLS at Battala: 80% civil work completed. I&D Structure: 31.8 % completed. Network: 83.5% completed Laying of HDPE(DWC) pipe of 4150m 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 (Civil work Excluding finishing): 98%	

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
					STP: 100% Pile 100% Network: Manhole Rising 100% LS MPS Repair 86% Desilting 100% Pipe Laying 98%	
6	Arupara	Howrah	65.00	Sept.-2023	Overall progress (Civil work Excluding finishing): 100% STP :100% Network: Manhole Rising 100% LS MPS Repair 100% Desilting 100% Pipe Laying 100%	
7	Mathkal	Baranagar	60.00	Sept.-2023	Overall progress (Civil work Excluding finishing): 100% STP : 100% Network: Manhole Rising 100% LS MPS Repair 100% Desilting 100% Pipe Laying 100%	
8	Maheshtala	Maheshtala	35.00	June 2024	Total:-63.98% completed till 31-03-24 consisting of :- 1. 28.33% of STP Civil Process unit. 2. 1.79 % of Office Building & Staff Quarter 3. 16.81% of Supply of Electromechanical Items. 4. 17.05% of Associate Infra Civil Structure & pipe Laying works. SBR Basin:-Platform & wall 100%completed. Hydro testing of Basin 1 Completed. CCT:- 1st floor slab casting completed. Brick work, plastering wip. SHU:- 1st floor slab casting 100% completed. PTU:- Grit Chamber side wall WIP. Admin Building:-electrification WIP.	

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
					Staff Quarter:-electrification WIP. Pipe laying:- Pipe Laying , Hydro testing & Road Restoration WIP. LS2-Wet sump excavation 100% completed PCC WIP. LS-2A- Raft and sinking of well 100% completed. LS-3:-10 th Lift casting 100% completed sinking WIP.	
9	North Barrackpore	North Barrackpore	38.00	04-10-25	<p><u>Total:-25.008% completed till 31-03-2024 consisting of :-</u></p> <p><u>SBR Basin:-</u> Piling of SBR Basins 100% Completed and work up to raft including PCC 96% completed. Raft R.C.C. at base level 85% completed. 1st Lift wall at SBR 15% completed.</p> <p><u>PU Unit :-</u> Piling of PU Unit 100% Completed. Scour chamber, Pile cap and beam casting is in progress. Work up to plinth 100 % completed. PCC & RCC footing 100% completed.</p> <p><u>SHU :-</u> Piling of SHU 100% Completed. Work up to plinth 50% completed.</p> <p><u>ADMIN BUILDING :-</u> Piling of ADB 100% completed. Work up to plinth 60% completed.</p> <p><u>HT Substation :-</u> Piling of HT Substation 100% completed. Work up to plinth 100% completed. PCC & RCC footing 100% completed. RCC up to plinth 100% completed.</p> <p><u>CCT :-</u> Piling of CCT 100% completed.</p> <p><u>Raw Sewage Sump and Pump House :-</u> Approval is in progress.</p> <p><u>Admin Building cum Staff Quarter :-</u> All (39 Nos) Piles Completed.</p>	

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
					DG Room/HT Substation:- All (12 Nos) Pile completed	



Hooghly Chinsurah



Maheshtala



BEHARAMPORE STP SITE



RAGHUNATHGUNJ STP SITE

JIAGUNJ



BALLY



ARUPARA



BARAHANAGAR



NORTH BARRACKPORE

3. Status of Polluted Drains discharging to river Ganga.

Sl no.	Name of drain	City/ Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
1.	Jangipur Drain	Jangipur	0.2 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 Naihati in rejuvenation works under	NO	Civil construction for Lock	Lock Gate Installed completed.

Sl no.	Name of drain	City/ Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
				North 24 Parganas district.		gate is 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 STP which 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 will be renovated after the	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/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
				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 execution.	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
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	Financial evaluation in progress

Sl no.	Name of drain	City/ Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
						of DPR	
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 shall be executed by Ganga STP Project Pvt. Ltd. under HAM.	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/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
22.	Chitpur Ghat 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.	Telka Ghat 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.	Ramkrishna Ghat 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.	Tolly Nala	Dahighat, Hastings, Kolkata	844.5 MLD	3 new STPs are proposed (KMC)	Under KMC	Tolly's Nullah is guarded with 8 floating garbage arrester nets at different locations to arrest the floating	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/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
						materials for the ease of removing the same from reaching to the River.	
28.	Nimtala Burning Ghat Drain	Nimtala Ghat, Kolkata	24.9 MLD	This is combined sewer overflow line. There is a penstock gate arrangement to discharge diluted sewage in river. DWF is taken to EKW through a system of sewer network, pumping stations and canals. (KMC).	NO	Under KMC	NIL
29.	Dhankheti/ PB Ghat Khal	Metiabruz, Kolkata	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 3 bar screens at different locations to arrest the floating materials for the ease of removing the same from reaching to the River.	Under KMC
30.	Shibpur Burning Ghat Drain	Shibpur-Howrah	5.4 MLD	Considered in Arupara STP (65.00 MLD) at Howrah which shall be	No	STP under execution	Nil

S1 no.	Name of drain	City/ Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
				executed by Ganga STP Project Pvt. Ltd. under HAM.			
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 is in 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				

Sl no.	Name of drain	City/ Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
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 there.	NIL	NIL
41.	Champdani Ferry Ghat / Paolghat Drain	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	Tender invited for preparation of DPR	Financial evaluation in progress

Sl no.	Name of drain	City/ Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
					canal/River		
43.	N.C. Pal Khal	Sankrail, Howrah	10.7 MLD	NO	Tender invited for Preparation 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 for Preparation of DPR for Howrah added zone in I&D with STP.	NIL	NIL
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	Action plan of this drain has been submitted by WBPCB.

Sl no.	Name of drain	City/ Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
						install STP for their housing quarters. Monitoring of the same to be done on regular basis.	
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,	Action plan of this drain has been submitted by WBPCB.

Sl no.	Name of drain	City/ Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
						WBPCB has already taken regulatory action.	
52.	Baidyabati Drain	Baidyabati	576.0 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
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 for Preparation 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. Details of Alternate Treatment Technology being adopted in the Polluted River Stretches.

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

Date: 10.01.2023

Name of Reporting Engineer: PRANTIK RAY

Designation: CHIEF ENGINEER

Government of West Bengal
Department of Urban Development & Municipal Affairs
DF-8, Sector-I, Salt Lake,
Kolkata-700064

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

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

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

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

This issue has an approval of the Higher Authorities.

Joint Secretary
UD&MA
Department

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

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

- 15. PS to Hon'bleMIC
- 16. PS to PrincipalSecretary

Joint
SecretaryUD&MA
Department

Construction and Demolition waste of Ganga Towns					
Sl. No.	District	Name of Ganga Town	Total per day generation of C & D Waste within the District (TPD)	The detail of plant established for the treatment of C & D Waste including the existing capacity and capacity utilization	Remarks, if any
1	Hooghly	Baidyabati	7	0	
2	Hooghly	Bansberia	6	0	
3	Hooghly	Bhadreswar	5.58	0	
4	Hooghly	Chamdany	6	0	
5	Hooghly	Chandannagore MC	9.25	0	
6	Hooghly	Hooghly Chinsurah	9.63	0	
7	Hooghly	Konnagar	3.85	0	
8	Hooghly	Rishra	5.98	0	
9	Hooghly	Serampore	7.68	0	
10	Hooghly	Uttarpara Kotrung	6.89	0	
11	Howrah	Howrah MC	45.59	0	
12	Howrah	Uluberia	10.85	0	
13				0	
14	Murshidabad	Berhampore	7.9	0	
15	Murshidabad	Dhulian	4.36	0	
16	Murshidabad	Jangipur	4.25	0	
17	Murshidabad	Jiaganj-Azimganj	1.75	0	
18	Murshidabad	Murshidabad	2.5	0	
19	Nadia	Chakdah	4.86	0	
20	Nadia	Gayeshpur	3.25	0	
21	Nadia	Kalyani	5.15	0	
22	Nadia	Krishnanagar	8.5	0	
23	Nadia	Nabadwip	6.75	0	
24	Nadia	Santipur	8.65	0	
25	Kolkata	Kolkata MC	245.65	500	It has been decided that C&D waste of following 12 ULBs of North 24 Parganas District to be processed at this plant
26	North 24 Parganas	Baranagar	13.55	0	
27	North 24 Parganas	Barrackpore	8.75	0	
28	North 24 Parganas	Bhatpara	19.56	0	
29	North 24 Parganas	Garulia	4.55	0	
30	North 24 Parganas	Halisahar	5.95	0	
31	North 24 Parganas	Kamarhati	17.39	0	
32	North 24 Parganas	Kanchrapara	7.09	0	
33	North 24 Parganas	Khardah	6	0	
34	North 24 Parganas	Naihati	12	0	
35	North 24 Parganas	North Barrackpore	7.3	0	
36	North 24 Parganas	Panihati	15.86	0	
37	North 24 Parganas	Titagarh	6.41	0	
38	Purba Bardhaman	Katwa	3.95	0	
39	Purba Medinipur	Haldia	11	0	
40	South 24 Parganas	Budge Budge	4.19	0	
41	South 24 Parganas	Diamond Harbour	2.25	0	
42	South 24 Parganas	Maheshtala	25	0	
43	South 24 Parganas	Pujali	2	0	
44	Uttar Dinajpur	Raiganj	8.92	0	

Fresh Waste Processing Status of Ganga Towns

Annexure - D

Sl. No.	District	ULB	Ward	Per day total fresh waste generatio	Segregation in no of wards	Per day quantity of total waste being collected in segregated manner (TPD)	Total waste collected and transported (TPD)	Waste processing (TPD)	Processing gap (TPD)	Present Status	Dumping of daily solid waste at location
1	HOOGHLY	Baidyabati	23	66.45	23	66.45	66.45	65	1.45	(1) Plant in operation (partial) and work order issued to agency for upgradation and operation. (2) The processing unit is expected to commence within June, 2025.	Existing dumpsite
2	HOOGHLY	Bansberia	22	40	22	37.00	40	29.5	10.5	(1) LoA cum Work Order issued to the Agency for setting up of fresh waste processing plant. (2) Agency started the infrastructure work. (3) The processing unit is expected to commence within September, 2024.	Existing dumpsite
3	HOOGHLY	Bhadreswar	22	22.53	22	22.53	22.53	22.53	0	(1) LoA cum Work Order issued to the Agencyfor setting up of fresh waste processing plant. (2) The processing unit is expected to commence within December, 2024.	Existing dumpsite
4	HOOGHLY	Champdany	22	19.06	22	13.04	3.238	19	0.06	(1) Plant in operation (partial) and work order issued to agency for upgradation and operation. (2) The processing unit is expected to commence within June, 2025.	Existing dumpsite
5	HOOGHLY	Chandannagore MC	33	71.44	33	71.44	71.44	71.44	0	(1) Integrated Tender for both for legacy and fresh waste has been cancelled due to non availability of sufficient number of bidders. (2) ULB is preparing the RfP for engagement of agency for setting up of compressed bio-gas plant for wet waste processing. Entire wet waste of Chandernagore MC & Hooghly-Chinsura Municipality will be processed at Chandernagore site. (3) The processing unit is expected to commence within September, 2025.	Existing dumpsite

Sl. No.	District	ULB	Ward	Per day total fresh waste generatio	Segregation in no of wards	Per day quantity of total waste being collected in segregated manner (TPD)	Total waste collected and transported (TPD)	Waste processing (TPD)	Processing gap (TPD)	Present Status	Dumping of daily solid waste at location
6	HOOGHLY	Hooghly Chinsurah	30	75	30	39.78	75	39.78	35.22	(1) Integrated Tender for both for legacy and fresh waste has been cancelled due to non availability of sufficient number of bidders. (2) ULB is preparing the RfP for engagement of agency for setting up of Material Recovery Facility (MRF) for processing of entire dry waste of Chandernagore MC & Hooghly-Chinsura Municipality at Hooghly-Chinsura site . (3) The processing unit is expected to commence within September, 2025.	Earlier Legacy waste sites
7	HOOGHLY	Konnagar	20	25.4	20	24.12	25.4	25	0.4	(1) Plant in operation (partial) and work order issued to agency for upgradation and operation. (2) The processing unit is expected to commence within June, 2025.	Existing dumpsite
8	HOOGHLY	Rishra	23	53.87	21	51.97	53.87	45	8.87	(1) Plant in operation (partial) and work order issued to agency for upgradation and operation. (2) The processing unit is expected to commence within June, 2025.	Existing dumpsite
9	HOOGHLY	Serampore	29	95	29	18.82	95	78	17	(1) Plant in operation (partial) and work order issued to agency for upgradation and operation. (2) The processing unit is expected to commence within June, 2025.	Existing dumpsite
10	HOOGHLY	Uttarpara Kotrung	24	89.945	24	89.95	89.945	40	49.945	Processing started	
TOTAL			248	558.695	246	435.095	542.873	435.25	123.445		
11	HOWRAH	Howrah MC	50	911	29	206.18	911	10.57	900.43	(1) Standalone tender to be floated for engagement of agency for setting up of fresh waste processing plant. (2) ASCI is preparing the DPR for collection, transportation and setting up of fresh waste processing unit including setting up of Waste to Energy Plant at HMC (3) The processing unit is expected to be commisssioned within December, 2025.	Existing dumpsite

Sl. No.	District	ULB	Ward	Per day total fresh waste generatio	Segregation in no of wards	Per day quantity of total waste being collected in segregated manner (TPD)	Total waste collected and transported (TPD)	Waste processing (TPD)	Processing gap (TPD)	Present Status	Dumping of daily solid waste at location
12	HOWRAH	Uluberia	32	120	32	92.78	120	0	120	(1) LoA cum Work Order issued to the Agency for setting up of fresh waste processing plant. (2) Drawing and design of the plant approved. (3) The processing unit is expected to commence within March, 2025.	Existing dumpsite
TOTAL			82	1031	61	298.96	1031	10.57	1020.43		
13	KOLKATA	Kolkata MC	144	4236	144	1091.00	4236	550	3686	550 TPD fresh waste processing plant is in operation. RfP under prepartion for engagement of agency to process the remaining fresh waste .	Existing dumpsite
14	MURSHIDABAD	Berhampore	28	100	18	77.00	100	0	100	(1) Tender invited for engagement of agency for setting up of fresh waste processing unit. 1st call cancelled due to non availability of sufficient number of bidders. (2) 2nd call to be invited after Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force on 4th June, 2024. (3) The processing unit is expected to commence within June, 2025.	Existing dumpsite
15	MURSHIDABAD	Dhulian	21	38.23	4	6.01	38.23	0	38.23	(1) Tender finalised for engagement of consultant for preparation of drawing, design and estimate for setting up of fresh waste processing unit. (2) After the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force on 4th June, 2024, work order to be issued. (3) The processing unit is expected to commence within March, 2025.	Existing dumpsite

Sl. No.	District	ULB	Ward	Per day total fresh waste generatio	Segregation in no of wards	Per day quantity of total waste being collected in segregated manner (TPD)	Total waste collected and transported (TPD)	Waste processing (TPD)	Processing gap (TPD)	Present Status	Dumping of daily solid waste at location
16	MURSHIDABAD	Jangipur	21	48	9	19.90	48	0	48	(1) Consultant engaged for preparation of drawing, design and estimate for setting up of fresh waste processing unit. Expected to be prepared within May, 2024. (2) After the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force on 4th June, 2024, AA&FS to be issued and tender to be invited by the Municipal Engineering Directorate (MED) as the implementing agency, for engagement of agency for construction of fresh waste processing unit. (3) The processing unit is expected to commissionwithin March, 2025.	Existing dumpsite
17	MURSHIDABAD	Jiaganj- Azimganj	17	16.33	17	11.17	16.33	0	16.33	(1) Consultant engaged for preparation of the comprehensive DPR (drawing, design & estimate) to set up the fresh waste processing unit. (2) Due to local agitation, the site is yet to be formally taken over by the ULB. District Administration, Murshidabad is engaged in resolving the issue at the earliest. (3) The processing unit is expected to commissionwithin September, 2025.	Existing dumpsite
18	MURSHIDABAD	Murshidabad	16	30.524	16	22.43	30.52	2.5	28.024	(1) Tender finalized for engagement of consultant for preparation of drawing, design and estimate for setting up of fresh waste processing unit. (2) After the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force on 4th June, 2024, work order to be issued. (3) The processing unit is expected to commence within March, 2025.	Existing dumpsite
TOTAL			103	233.084	64	136.513	233.08	2.5	230.584		

Sl. No.	District	ULB	Ward	Per day total fresh waste generatio	Segregation in no of wards	Per day quantity of total waste being collected in segregated manner (TPD)	Total waste collected and transported (TPD)	Waste processing (TPD)	Processing gap (TPD)	Present Status	Dumping of daily solid waste at location
19	NADIA	Chakdah	21	51	0	0.00	51	0	51	(1) Tender finalised for engagement of consultant for preparation of drawing, design and estimate for setting up of fresh waste processing unit. (2) After the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force on 4th June, 2024, work order to be issued. (3) Due to local agitation, the site is yet to be formally taken over by the ULB. District Administration, Nadia is engaged in resolving the issue at the earliest. (4) The processing unit is expected to commissionwithin September, 2025.	Existing dumpsite
20	NADIA	Gayeshpur	18	23.477	18	16.50	19.477	0	23.477	(1) Consultant engaged for preparation of the comprehensive drawing, design & estimate to set up the fresh waste processing unit. Expected to be finalized within May, 2024. (2) After the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force on 4th June, 2024, AA&FS to be issued and tender to be invited by the MED as the implementing agency. (3) The processing unit is expected to commissionwithin March, 2025.	Existing dumpsite

Sl. No.	District	ULB	Ward	Per day total fresh waste generatio	Segregation in no of wards	Per day quantity of total waste being collected in segregated manner (TPD)	Total waste collected and transported (TPD)	Waste processing (TPD)	Processing gap (TPD)	Present Status	Dumping of daily solid waste at location
21	NADIA	Kalyani	21	51	18	26.22	51	2.65	48.35	(1) Site identified. But due to local agitation, the site is yet to be formally taken over by the ULB. District administration, Nadia is engaged in resolving the issue at the earliest. (2) KMDA to invite an integrated tender for processing of both the legacy and the fresh waste after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force on 4th June, 2024. (3) The processing unit is expected to commissionwithin June, 2025.	Existing dumpsite
22	NADIA	Krishnanagar	25	150	25	107.06	130	130	20	There is an existing fresh waste processing unit of capacity 150 TPD .	
23	NADIA	Nabadwip	24	60	24	60.00	60	10.6	49.4	(1) Tender finalised for engagement of consultant for preparation of drawing, design and estimate for setting up of fresh waste processing unit. (2) After the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force on 4th June, 2024, work order to be issued. (3) The processing unit is expected to be sarterted within June, 2025.	Existing dumpsite
24	NADIA	Santipur	24	83	12	31.09	83		83	(1) Tender to be floated for engagement of consultant for preparation of drawing, design and estimate for setting up of fresh waste processing unit after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force on 4th June, 2024,. (2) Expected date of issuing work order is August,2024, AA&FS will be issued within Sepetember, 2024. (3) The processing unit is expected to commence within Sepetember, 2025.	Existing dumpsite

Sl. No.	District	ULB	Ward	Per day total fresh waste generatio	Segregation in no of wards	Per day quantity of total waste being collected in segregated manner (TPD)	Total waste collected and transported (TPD)	Waste processing (TPD)	Processing gap (TPD)	Present Status	Dumping of daily solid waste at location
TOTAL			133	418.477	97	240.8689	394.477	143.25	275.227		
25	NORTH 24-PGS	Baranagar	34	167	34	150.43	167		167	(1) LOA cum work order issued in favour of the agency for processing of the fresh waste with an estimated generation of 167 TPD . (2) Processing is expected to commence from September, 2024.	Existing dumpsite
26	NORTH 24-PGS	Barrackpore	24	50	24	50.00	50		50	(1) KMDA to publish an integrated RFP for processing of legacy and fresh waste. (2) Present estimated quantity of legacy waste is 2.2 Lakh MT. (3) Processing is expected to commence from June, 2025.	Existing dumpsite
27	NORTH 24-PGS	Bhatpara	35	205	35	205.00	205	15.98	189.02	(1) The infrastructure constructed by KMDA. (2) The 1st call for RFP closed on 20.03.2024. No response received. (3) The 2nd call to be invited after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force on 4th June, 2024. (4) Processing is expected to commence from June, 2025.	Existing dumpsite
28	NORTH 24-PGS	Garulia	21	35.77	17	24.60	35.77	21	14.77	(1) The 1st call for RFP closed on 20.03.2024. No response received. (2) The 2nd call to be invited after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force on 4th June, 2024. (3) Processing is expected to commence from June, 2025.	Existing dumpsite

Sl. No.	District	ULB	Ward	Per day total fresh waste generatio	Segregation in no of wards	Per day quantity of total waste being collected in segregated manner (TPD)	Total waste collected and transported (TPD)	Waste processing (TPD)	Processing gap (TPD)	Present Status	Dumping of daily solid waste at location
29	NORTH 24-PGS	Halisahar	23	52	23	40.60	52	11.3	40.7	(1) The site identified belongs to Disaster Management & Civil Defence Department. (2) The process for inter-departmental transfer of the land in favour of UD & MA Department has been initiated. (3) Approximate area of land required is 7.00 Acre (4) Efforts are on to expedite the IDT process. (5) Meanwhile a Consultant to be engaged to prepare the comprehensive drawing, design & estimate for the fresh waste processing unit after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force on 4th June, 2024. (6) Processing is expected to commence from September, 2025.	Existing dumpsite
30	NORTH 24-PGS	Kamarhati	35	160	28	135.97	160		160	(1) LOA cum work order issued in favour of the agency for processing of the fresh waste with an estimated generation of 160 TPD . (2) Processing is expected to commence from September, 2024.	Existing dumpsite
31	NORTH 24-PGS	Kanchrapara	24	53.84	19	37.33	53.84	20.33	33.51	(1) LOA cum work order issued in favour of M/s Tide Technocrats Pvt. Ltd. & MSGP Infratech Pvt. Ltd. (2) The agency is on the job to set up the SWM processing plant. (3) Processing is expected to commence from September, 2024.	Existing dumpsite

Sl. No.	District	ULB	Ward	Per day total fresh waste generatio	Segregation in no of wards	Per day quantity of total waste being collected in segregated manner (TPD)	Total waste collected and transported (TPD)	Waste processing (TPD)	Processing gap (TPD)	Present Status	Dumping of daily solid waste at location
32	NORTH 24-PGS	Khardah	22	46.437	22	30.18	46.437		46.437	(1) KMDA to publish an integrated RFP for processing of legacy and fresh waste. (2) Present estimated quantity of legacy waste is 2.5 Lakh MT . (3) Processing is expected to commence from June, 2025.	Existing dumpsite
33	NORTH 24-PGS	Naihati	31	107	31	80.55	107	8.76	98.24	(1) Site identified for setting up of processing unit. (2) LOA cum work order issued to the agency. (3) The progress of work by the agency has not been satisfactory so far. (4) Final notice issued to be agency to expedite the progress. If no substantial progress is reported on the ground, termination of the contract to be initiated and fresh RFP to be published after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force on 4th June, 2024 for engagement of a new agency. (2) Processing is expected to commence from June, 2025.	Existing dumpsite
34	NORTH 24-PGS	North Barrackpore	23	73	23	73.00	73		73	(1) ULB has identified a private plot of land. (2) The demarcation of the land has been taken up. (3) ULB to purchase the land out of their own resources by the end of August, 2024. (4) After the demarcation is completed, concurrently a Consultant to be engaged by SUDA to prepare the drawing, design and estimate for the fresh waste processing unit. (5) Engagement of Consultant is expected to be done within July, 2024. (6) Plant is expected to commissionand processing to commence within December, 2025.	Existing dumpsite

[illegible]

Sl. No.	District	ULB	Ward	Per day total fresh waste generatio	Segregation in no of wards	Per day quantity of total waste being collected in segregated manner (TPD)	Total waste collected and transported (TPD)	Waste processing (TPD)	Processing gap (TPD)	Present Status	Dumping of daily solid waste at location
39	SOUTH 24-PGS	Budge Budge	20	30	8	16.14	27.13	28.54	1.46	(1) Site identified for setting up of processing unit. (2) LOA cum work order issued to the agency. (3) The progress of work by the agency has not been satisfactory so far. (4) Final notice issued to be agency to expedite the progress. If no substantial progress is reported on the ground, termination of the contract to be initiated and fresh RFP to be publish after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force on 4th June, 2024 for engagement of a new agency. (5) Processing is expected to commence from June, 2025.	Existing dumpsite
40	SOUTH 24-PGS	Diamond Harbour	16	19.53	16	12.68	19.53	12.69	6.84	(1) Consultant engaged for preparation of drawing, design and estimate for setting up of fresh waste processing unit. Expected to be prepared within May, 2024. (2) After the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force on 4th June, 2024, AA&FS to be issued and tender to be invited by the MED as the implementing agency. (3) The processing unit is expected to commissionwithin March, 2025.	Existing dumpsite

Sl. No.	District	ULB	Ward	Per day total fresh waste generatio	Segregation in no of wards	Per day quantity of total waste being collected in segregated manner (TPD)	Total waste collected and transported (TPD)	Waste processing (TPD)	Processing gap (TPD)	Present Status	Dumping of daily solid waste at location
41	SOUTH 24-PGS	Maheshtala	35	210	22	159.60	210	27.32	182.68	(1) Fresh waste processing unit to be set up at the reclaimed land of existing dumpsite. (2) LOA cum work order issued to the agency for setting up of fresh waste processing unit. (3) The site is fully covered with legacy waste. The ULB has committed to vacate a protion of land shifting that portion of legacy waste to another site. After that the agency will start installation of infrasture for the plant. (4) Processing is expected to commence from June, 2025. (5) In the meanwhile after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force on 4th June, 2024, SUDA will assess the quantity of legacy waste and float the tender for processing the same.	Existing dumpsite
42	SOUTH 24-PGS	Pujali	16	12.63	4	2.90	12.63	2.53	10.1	(1) Consultant engaged for preparation of drawing, design and estimate for setting up of fresh waste processing unit. Expected to be prepared within May, 2024. (2) After the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force on 4th June, 2024, AA&FS to be issued and tender to be invited by the MED as the implementing agency. (2) Processing is expected to commence from June, 2025.	Existing dumpsite
TOTAL			87	272.16	50	191.32	269.29	71.08	201.08		
43	UTTAR DINAJPUR	Raiganj	27	95	17	44.50	95		95	(1) AA&FS issued for setting up of fresh waste processing unit. (2) After the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force on 4th June, 2024, tender to be invited by MED as the i9mplementing agency. (3) Processing is expected to commence from March, 2025.	Existing dumpsite

Sl. No.	District	ULB	Ward	Per day total fresh waste generatio	Segregation in no of wards	Per day quantity of total waste being collected in segregated manner (TPD)	Total waste collected and transported (TPD)	Waste processing (TPD)	Processing gap (TPD)	Present Status	Dumping of daily solid waste at location
Total			1203	8233.253	1023	3510.48	8190.56	1375.75	6857.50		

Legacy Waste Processing Status of Ganga Towns

SL. No.	District	ULB	No. of Dump sites	Area (In Acre)	Estimated Quantity of Legacy Waste (in MT)	Status/ Time of completion	Legacy Waste Processed	Acre reclaimed	Manner of Utilisation of treated waste	Further assessment of present quantity of legacy waste which has been turned from regular fresh waste during the period of 1st phase of legacy waste processing
1	HOOGHLY	Chandannagore MC	1	4.94	215,916	Completed	215916.0	2.91	Good Earth for land filling; RDF being carried to Integrated Cement plant	(1) Tender to be floated for engagement of agency by KMDA for assessment of further quantity of legacy waste through drone survey after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force on 4th June, 2024. Expected date of engagement is June, 2024. (2) Expected date of floating tender for engagement of agency for biomining and bioremediation of further quantity of legacy waste by KMDA in the 1st fortnight of August, 2024 (3) Contracts likely to be finalised and awarded (if there are 3 or more fully responsive bidders in the 1st call) by the end of September, 2024
2	HOOGHLY	Hooghly Chinsurah	1	6.5	126,266	Completed	126266.0	6.00		(1) Tender to be floated for engagement of agency by KMDA for assessment of further quantity of legacy waste through drone survey after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force on 4th June, 2024. Expected date of engagement is June, 2024. (2) Expected date of floating tender for engagement of agency for biomining and bioremediation of further quantity of legacy waste by KMDA in the 1st fortnight of August, 2024 (3) Contracts likely to be finalised and awarded (if there are 3 or more fully responsive bidders in the 1st call) by the end of September, 2024
3	HOOGHLY	Baidyabati	1	52.00	220,794	Started/ March, 2025	12000			(1) Agency engaged by SUDA is carrying out the bio-mining and bio-remediation of legacy waste at Baidyabati upto the tendered quantity of 2.2 lakh MT. (2) This processing is done on a cluster basis at RWMC Baidyabati with another 5 ULBs of Hooghly District. (3) Legacy waste processing tender to be floated after assessing the quantity of legacy waste after completion of 1st phase of running legacy waste processing.
4	HOOGHLY	Champdany								
5	HOOGHLY	Rishra								
6	HOOGHLY	Serampore								
7	HOOGHLY	UttarparaKotrung								
8	HOOGHLY	Konnagar								
9	HOOGHLY	Bhadreswar	1	0.42	14,238	Started/ September, 2024	0	0.3		(1) Assessed further quantity of legacy waste through drone survey and tender floated for engagement of agency for biomining and bioremediation of further quantity of legacy waste processing. (2) Expected date of engagement of Agency is July, 2024 after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force. (3) Expected date of completion of legacy waste processing is 18 months after issuance of work order to the agency.
10	HOOGHLY	Bansberia	2	2.79	7354.00	Tender cancelled				(1) Re-assessment of legacy waste already conducted. (2) RFP for engagement of an agency to biomine and bio-remediate the assessed quantity of legacy waste to be published after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force. (3) Expected date of completion of legacy waste processing is 6 months after issuance of the work order to the selected agency.
TOTAL			6	67	584568	0	354182	9		
11	HOWRAH	Howrah MC	1	21.99	961,567	Started/ October, 2026	249105	1.8		Biomining and bio-remediation of legacy waste is currently on progress. Expected to be completed in the next 30 Months

SL. No.	District	ULB	No. of Dump sites	Area (In Acre)	Estimated Quantity of Legacy Waste (in MT)	Status/ Time of completion	Legacy Waste Processed	Acre reclaimed	Manner of Utilisation of treated waste	Further assessment of present quantity of legacy waste which has been turned from regular fresh waste during the period of 1st phase of legacy waste processing
12	HOWRAH	Uluberia	2	6.50	28394.00	Completed	28394	6.5	Good Earth for land filling; RDF being carried to Integrated Cement plant	(1) Assessed further quantity of legacy waste through drone survey and tender floated for engagement of agency for biomining and bioremediation of further quantity of legacy waste processing. 1st call cancelled as there were insufficient number of eligible bidders. (2) 2nd call tender to be floated after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force. (3) Expected time period for completion of legacy waste processing is 12 months after issuance of work order.
TOTAL			3.00	28.49	989961.00	0.00	277499.00	8.25		
13	KOLKATA	Kolkata MC	2	79.00	4150000.00	Started/ March, 2026	1378322	18.50		Further 38 lakh legacy waste assessed and tender to be foloated by KMC for engagement of agency after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force.
14	MURSHIDABAD	Berhampore	1	2.16	123,981	Completed	150005	2.00	Good Earth for land filling; RDF being carried to Integrated Cement plant	(1) Assessed further quantity of legacy waste through drone survey and tender floated for engagement of agency for biomining and bioremediation of further quantity of legacy waste processing. (2) Expected date of engagement of Agency is August, 2024 after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force. (3) Expected date of completion of legacy waste processing is 12 months after issuance of work order to the agency.
15	MURSHIDABAD	Dhulian	1	2.00	2068	Started/ September, 2024	0			KMDA is carrying out the bio-mining and bio-remediation of legacy waste at the site.
16	MURSHIDABAD	Jangipur	1	0.28	3211.21	Completed	3200	0.28		(1) Assessed further quantity of legacy waste through drone survey and tender floated for engagement of agency for biomining and bioremediation of further quantity of legacy waste processing. 1st call cancelled as there were insufficient number of eligible bidders. (2) 2nd call tender to be floated after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force. (3) Expected time period for completion of legacy waste processing is 18 months after issuance of work order.
17	MURSHIDABAD	Jiaganj-Azimganj	1	3.00	19,426	Completed	18024	3		(1) Assessed further quantity of legacy waste through drone survey and tender floated for engagement of agency for biomining and bioremediation of further quantity of legacy waste processing. 1st call cancelled as there were insufficient number of eligible bidders. (2) 2nd call tender to be floated after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force. (3) Expected time period for completion of legacy waste processing is 12 months after issuance of work order.
18	MURSHIDABAD	Murshidabad	1	5.38	94,059	Completed	94059	5.38		(1) Assessed further quantity of legacy waste through drone survey and tender floated for engagement of agency for biomining and bioremediation of further quantity of legacy waste processing. 1st call cancelled due to non availability of sufficient number of eligible bidders. (2) 2nd call tender to be floated after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force. (3) Expected time period for completion of legacy waste processing is 18 months after issuance of work order.
TOTAL			5	12.82	242745.21		171229	10.66		

SL. No.	District	ULB	No. of Dump sites	Area (In Acre)	Estimated Quantity of Legacy Waste (in MT)	Status/ Time of completion	Legacy Waste Processed	Acre reclaimed	Manner of Utilisation of treated waste	Further assessment of present quantity of legacy waste which has been turned from regular fresh waste during the period of 1st phase of legacy waste processing
19	NADIA	Gayeshpur	2	5.00	12465.00	Completed	12465	5	Good Earth for land filling; RDF being carried to Integrated Cement plant	(1) 1st call tender to be floated after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force. (2) Expected date of completion of legacy waste processing is 6 months after issuance of work order to the agency.
20	NADIA	Kalyani	2	14.00	60543.00	Completed	55121.91	14		(1) Tender to be floated for engagement of agency by KMDA for assessment of further quantity of legacy waste through drone survey after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force. (2) Thereafter the tender for engagement of agency for biomining and bioremediation of the assessed quantity of legacy waste to be invited by KMDA is September, 2024
21	NADIA	Krishnanagar	1	8.00	51802	Completed	50942	8		
22	NADIA	Nabadwip	1	12.35	83967	Completed	83967	12.35		(1) Work order issued to agency for assessing the quantity of legacy waste through drone survey. (2) Expected date of floating tender for engagement of agency for biomining and bioremediation of further quantity of legacy waste is September, 2024 (3) Expected time period for completion of legacy waste processing is 15 months after issuance of work order.
23	NADIA	Santipur	1	4.55	22097	Completed	21873	4.55		(1) Tender floated for assessing the quantity of legacy waste through drone survey. Work order to be issued after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force. (2) Expected date of floating tender for engagement of agency for biomining and bioremediation of further quantity of legacy waste is September, 2024 (3) Expected time period for completion of legacy waste processing is 15 months after issuance of work order..
24	NADIA	Chakdah	1	5.00	19426	Started/ September, 2024				(1) Expected date of floating tender for engagement of agency for processing of further quantity of legacy waste is September, 2024 after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force. (2) Expected time period for completion of legacy waste processing is 8 months after issuance of work order to the agency.
TOTAL			8	48.897798	250300		224368.91	43.9		
25	NORTH 24-PARGANAS	Baranagar	1	22.68	854726	Started/ December, 2024	754000	13.50		(1) Waste being disposed at Promodhnagar Dumping site with another 4 ULBs of North 24 Parganas District on cluster basis. (2) Assessed through drone survey and tender floated for engagement of agency for further quantity of legacy waste processing. (3) Expected date of engagement of Agency is August, 2024 (4) Expected time period for completion of legacy waste processing is 36 months after issuance of work order.
26	NORTH 24-PARGANAS	Bhatpara	2	2.57	58260.00	Completed	58100	2.57		(1) Tender to be floated for engagement of agency by KMDA for assessment of further quantity of legacy waste through drone survey after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force. Expected date of engagement is August, 2024. (2) Expected date of floating tender for engagement of agency for biomining and bioremediation of further quantity of legacy waste by KMDA is September, 2024

SL. No.	District	ULB	No. of Dump sites	Area (In Acre)	Estimated Quantity of Legacy Waste (in MT)	Status/ Time of completion	Legacy Waste Processed	Acre reclaimed	Manner of Utilisation of treated waste	Further assessment of present quantity of legacy waste which has been turned from regular fresh waste during the period of 1st phase of legacy waste processing
27	NORTH 24-PARGANAS	Garulia	1	1.8	52,449	Started/ September, 2024	25000	0.75	Good Earth for land filling; RDF being carried to Integrated Cement plant	(1) Tender to be floated for engagement of agency by KMDA for assessment of further quantity of legacy waste through drone survey after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force. Expected date of engagement is August, 2024. (2) Expected date of floating tender for engagement of agency for biomining and bioremediation of further quantity of legacy waste by KMDA is September, 2024
28	NORTH 24-PARGANAS	Halisahar	1	0.84	6799	Started/ September, 2024	3405	0.40		(1) Tender to be floated for engagement of agency by KMDA for assessment of further quantity of legacy waste through drone survey after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force. Expected date of engagement is August, 2024. (2) Expected date of floating tender for engagement of agency for biomining and bioremediation of further quantity of legacy waste by KMDA is September, 2024
29	NORTH 24-PARGANAS	Kamarhati	1	8.00	155764	Started/ September, 2024	32300	3.00		(1) Waste being disposed at Promodhnagar Dumping site with another 4 ULBs of North 24 Parganas District on cluster basis. (2) Assessed through drone survey and tender floated for engagement of agency for further quantity of legacy waste processing. (3) Expected date of engagement of Agency is August, 2024 (4) Expected time period for completion of legacy waste processing is 36 months after issuance of work order.
30	NORTH 24-PARGANAS	Kanchrapara	1	3.00	24,282	Completed	24082.6	3		(1) Work order issued to agency for assessing the quantity of legacy waste through drone survey. (2) Expected date of floating tender for engagement of agency for processing of further quantity of legacy waste is September, 2024 after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force. (3) Expected time period for completion of legacy waste processing is 8 months after issuance of work order.
31	NORTH 24-PARGANAS	Khardah	1	2.75	46118	Completed	46120	2.34		(1) Tender to be floated for engagement of agency by KMDA for assessment of further quantity of legacy waste through drone survey after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force. Expected date of engagement is August, 2024. (2) Expected date of floating tender for engagement of agency for biomining and bioremediation of further quantity of legacy waste by KMDA is September, 2024
32	NORTH 24-PARGANAS	Naihati	3	23.94	300000.00	Completed	300000	23.94		(1) Assessed through drone survey and tender floated for engagement of agency for further quantity of legacy waste processing. (2) Expected date of engagement of Agency is August, 2024 after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force. (3) Expected time period for completion of legacy waste processing is 18 months after issuance of work order.

SL. No.	District	ULB	No. of Dump sites	Area (In Acre)	Estimated Quantity of Legacy Waste (in MT)	Status/ Time of completion	Legacy Waste Processed	Acre reclaimed	Manner of Utilisation of treated waste	Further assessment of present quantity of legacy waste which has been turned from regular fresh waste during the period of 1st phase of legacy waste processing
33	NORTH 24-PARGANAS	Panihati	1	1.50	51767	Completed	51769	1.5		(1) Tender to be floated for engagement of agency by KMDA for assessment of further quantity of legacy waste through drone survey after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force. Expected date of engagement is August, 2024. (2) Expected date of floating tender for engagement of agency forbiomining and bioremediation of further quantity of legacy waste by KMDA is September, 2024
34	NORTH 24-PARGANAS	Titagarh	1	4.9	120886	Completed	119935.00	1.40		(1) Tender to be floated for engagement of agency by KMDA for assessment of further quantity of legacy waste through drone survey after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force. Expected date of engagement is August, 2024. (2) Expected date of floating tender for engagement of agency for biomining and bioremediation of further quantity of legacy waste by KMDA is September, 2024
35	NORTH 24-PARGANAS	Barrackpore	1	5	72,846	Completed	72846.00	5.00		(1) Tender to be floated for engagement of agency by KMDA for assessment of further quantity of legacy waste through drone survey after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force. Expected date of engagement is August, 2024. (2) Expected date of floating tender for engagement of agency for biomining and bioremediation of further quantity of legacy waste by KMDA is September, 2024
TOTAL			14	76.97692378	1743897	0	1487557.6	57.3975		
36	SOUTH 24-PARGANAS	Budge Budge	1	3.48	20,721	Completed	20721	3.48	Good Earth for land filling; RDF being carried to Integrated Cement plant	(1) Expected date of floating tender for engagement of agency for processing of further quantity of legacy waste is September, 2024 after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force. (2) Expected time period for completion of legacy waste processing is 12 months after issuance of work order.
37	SOUTH 24-PARGANAS	Diamond Harbour	1	2.00	9350	Completed	9350	2		(1) Assessed further quantity of legacy waste through drone survey and tender floated for engagement of agency for biomining and bioremediation of further quantity of legacy waste processing. 1st call cancelled as there were insufficient number of eligible bidders. (2) 2nd call tender to be floated after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force. (3) Expected time period for completion of legacy waste processing is 12 months after issuance of work order.
38	SOUTH 24-PARGANAS	Maheshtala	1	19.61	230,517	Completed	230622	19.61		(1) Tender to be floated for engagement of agency by KMDA for assessment of further quantity of legacy waste through drone survey after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force. Expected date of engagement is August, 2024. (2) Expected date of floating tender for engagement of agency for biomining and bioremediation of further quantity of legacy waste by KMDA is September, 2024
TOTAL			3	25.09	260588		260693	25.09		

SL. No.	District	ULB	No. of Dump sites	Area (In Acre)	Estimated Quantity of Legacy Waste (in MT)	Status/ Time of completion	Legacy Waste Processed	Acre reclaimed	Manner of Utilisation of treated waste	Further assessment of present quantity of legacy waste which has been turned from regular fresh waste during the period of 1st phase of legacy waste processing
39	PURBA BARDHAMAN	Katwa	1	2.00	3885	Completed	3	2		(1) Work order issued to agency for assessing the quantity of legacy waste through drone survey. (2) Expected date of floating tender for engagement of agency for biomining and bioremediation of further quantity of legacy waste is September, 2024 after the Model Code of Conduct in connection with Parliament General Election, 2024 ceases to be in force. (3) Expected time period for completion of legacy waste processing is 8 months after issuance of work order.
TOTAL			42	339.92	8225944		4153854.51	175		



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

No. 1696 –RD/PH&S/S/1E-9/2019

Kolkata, dated 28.03.2024

From

Mission Director, SBM(G) &
Additional Secretary to the Govt. of West Bengal

To

**Special Secretary,
Home & Hill Affairs Department Law Cell,
Nabanna, Howrah**

Sub: Status report on SLWM of Ganga bordering GPs (OA No. 200 of 2014) and NGT model GPs(OA No. 606 of 2018) for February, 2024 –reg

Ref: Your office memo. No. 383(I4)-H(Law)PE/14S-25/24 dated 22.03.2024.

Madam/Sir,

With reference to the subject cited above please find status report on Solid & Liquid Waste Management (SLWM) for February, 2024 in respect of Ganga bordering GPs and NGT model GPs for your kind perusal.

Yours faithfully,

**Mission Director, SBM(G) &
Additional Secretary to the Govt. of West Bengal**

ODF Plus Status of Ganga Bordering Districts

Sl.No.	District	Target Village	Aspiring	Rising	Model	ODF Villages
1	Hooghly	90	37	28	25	90
2	Howrah	62	39	21	2	62
3	Malda	117	56	9	2	67
4	Murshidabad	490	418	25	3	446
5	Nadia	258	237	0	21	258
6	Purba Bardhaman	159	11	3	145	159
7	South 24 Paraganas	333	243	38	51	332
TOTAL		1,509	1,041	1,24	2,49	1,414

Aspiring: All household have Toilet, All institution (ICDS, School, Panchyat have separate toilet facility) all villages have SWM or LWM facilities.

Rising: All household have Toilet, All institution (ICDS, School, Panchyat have separate toilet facility) all villages have SWM and LWM facilities.

Model: All household have Toilet, All institution (ICDS, School, Panchyat have separate toilet facility) all villages have SWM, LWM facilities and visual cleanliness.

Fund Status of Ganga Bordering Districts

Sl.No.	District	Un spent balance at district(In Crore)
1	Hooghly	9.88
2	Howrah	18.57
3	Malda	1.37
4	Murshidabad	2.69
5	Nadia	5.03
6	Purba Bardhaman	11.75
7	South 24 Paraganas	8.19
TOTAL		57.48


Mission Director, SBM(G) &

Additional Secretary to the Govt. of West Bengal

Status of Solid Waste Management in Ganga bordering districts

Sl. No.	District	No. of G.P	Work under progress	Completed
1	Hooghly	12	3	9
2	Howrah	18	5	13
3	Malda	22	12	10
4	Murshidabad	65	34	24
5	Nadia	39	13	6
6	Purba Bardhaman	19	0	19
7	South 24 Paraganas	49	10	24
TOTAL		224	77	105

Status of Liquid Waste Management in Ganga bordering districts


Sl. No.	District	Target Village	No. of Kitchen Garden	No. of Soak pit/Leach pit	No. of Filter chamber	DEWATS
1	Hooghly	90	0	9	11	0
2	Howrah	62	8	458	114	279
3	Malda	117	76	377	0	0
4	Murshidabad	490	4	1125	0	0
5	Nadia	258	263	761	23	0
6	Purba Bardhaman	159	786	588	0	0
7	South 24 Paraganas	333	256	2927	402	0
TOTAL		1,509	1,393	6,245	550	279



**Mission Director, SBM(G) &
Additional Secretary to the Govt. of West Bengal**

Solid & Liquid Waste Management report of Model GPs (OA no. 606 of 2018)

Sl. No	Name of the District	GP involved	Solid Waste Management		Grey water management structures		
			Work under progress	completed	No of Kitchen garden	No of Soak Pit / Leach Pit	No of filter chamber, constructed Wetland & DEWATS
1	ALIPUDUAR	3	0	3	0	752	1
2	BANKURA	3	0	3	0	261	0
3	BIRBHUM	3	0	3	0	296	28
4	COOCH BEHAR	3	0	2	630	103	72
5	DAKSHIN DINAJPUR	3	0	3	0	479	31
6	DARJEELING	3	0	1	0	0	0
7	HOOGHLY	3	0	3	0	51	113
8	HOWRAH	3	0	3	0	123	7
9	JALPAIGURI	3	0	3	0	220	0
10	JHARGRAM	3	0	3	0	312	167
11	KALIMPONG	3	1	2	0	0	0
12	MALDA	3	1	2	4	149	0
13	MIDNAPUR EAST	3	0	3	0	213	86
14	MIDNAPUR WEST	3	0	3	766	388	0
15	MURSHIDABAD	3	1	2	1	141	2
16	NADIA	3	0	3	0	369	121
17	NORTH 24 PARAGANAS	3	0	3	0	664	5
18	PASCHIM BARDHAMAN	3	0	2	0	45	0
19	PURBA BARDHAMAN	3	0	3	403	501	8
20	PURULIA	3	0	3	0	334	0
21	SILIGURI	3	0	2	0	64	6
22	SOUTH 24 PARAGANAS	3	0	3	0	480	0
23	UTTAR DINAJPUR	3	0	3	0	585	0
	Total	69	3	61	1804	6530	647


 Mission Director, SBM(G) & Additional Secretary, P&RD
 Dept.


National Mission for clean Ganga

Action point of reporting by concerned department: Forest Department of West Bengal

Sl. No. 15: Afforestation and setting up of biodiversity Parks

O.A. 200/2014 Quarterly progress (From January to March 2024) report

Sl. No.	Concerned Department	Topic of Action point	Targets to be achieved as per orders dated 10.12.2015, 13.07.2017 and 22.08.2019 the timelines				Targets achieved and the reasons for delay in compliance	Targets not achieved and the revised timelines proposed*	Action taken or suggested for violation of timelines or non-achieving of targets
1		2	3	4	5	6	7	8	9
1	Department of Forest	(xii) Plantation along polluted river stretch	Activity	Division	Polluted River Stretch	Stretch Identified	> 6Ha. Plantation completed > 1st year maintenance work done.	Not Applicable	Not Applicable
			Plantation on the both sides of the river Ganga	24 Pargana (North)	Ganga (Institutional Plantation)	Barackpore Army area			
						Indira Gandhi Water Treatment Plant			
						Barrackpore Police Training center			
						Barackpore contonment area			
						Kendriya vidyalaya			
					Ganga (Avenue Plantation)	Barackpore Army area	> 3Ha. Plantation completed > 1st year maintenance work done.		

for  19.04.2024
Chief Conservator of forests, Special Development
Project & Member Secretary, WBSFDA

O.A. 673/2018 for the month of March,2024

1.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	64	4.46	1717526.15	0	0
	Howrah	Bagnan-I	99	3.91	1927473.45	548327.37	930753.24
		Bagnan-II	71	6.31	1738233.45	468749.28	1329791.65
		Uluberia-I	14	0.79	212697.1	82449.72	149908.55
	South 24-Parganas	Budge Budge-I	51	2.46	871160.65	470607.64	855650.1
		Budge Budge-II	9	1.33	146367.4	23958	43560
	North 24-Parganas	Barrackpur-II	73	3.09	1234299.6	192322.9	349678
	Total		381	22.35	7847757.8	1786414.9	3659341.5

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