

Nandini Ghosh, IAS
Senior Special Secretary



DEPARTMENT OF URBAN
DEVELOPMENT & MUNICIPAL AFFAIRS
GOVERNMENT OF WEST BENGAL
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Date: 06.02.2024

Memo No.-70-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 October 2023 to December 2023 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 **October 2023 to December 2023**. The Table of Contents of the Report is as under:

Sl. No	Content	Annexure No.
1.	Main Report	Nil
2.	Report on Monitoring	I
3.	Sewage Generation Report	II
4.	STP Progress Report upto Dec.' 2023	III
5.	List of Polluted Drains connected to the STP	IV
6.	List of Polluted Drains to be connected to the STP	V
7.	Sewage Management Report as received from KMC	VI
8.	MoM held on 15.12.2023	A
9.	MoM held on 18.12.2023	B
10.	Water Quality Report of WBPCB	C
11.	Compulsory Site Inspection Report, KMDA for December 2023	D
12.	Report of SWM, SUDA	E
13.	Report from P&R D	F
14.	Report from Forest Department	G
14.	Report from Agriculture Department	H

It may kindly be noted that Annexure-Main Report 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 due to sustained efforts of Solid and Liquid Waste Management on the Ganga basin, the Water Quality of the river has been improved and the river Ganga is now placed in the lesser Priority Category (Priority-V). Initiatives have been taken to empty Faecal Sludge in the functional STPs. Till December 2023, we have emptied 1729 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,


Nodal Officer to NMCG and CPCB
&
Program Director, WBSPMG

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Memo No.:70/1(21)-Sr. Spcl. Secy(NG)

Date:06.02.2024

Copy forwarded for kind information to:

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


Senior Special Secretary,
Department of UD & MA
&
Program Director WBSPMG

Main Report

Quarterly progress (October-December 2023) 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	KMD&KMC, MED,PHED	Action points for STPs are separately 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	KMD&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 & Annexure-V	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-V	Annexure-IV & Annexure-V	Annexure-IV & Annexure-V	Annexure-IV & Annexure-V	
Demarchation of Flood Plain Zone							
4	Irrigation & Waterways Department	Protection and management of flood plain zones (FPZ)				NA	NA
5		North 24 Parganas - Protection to the severely damaged left bank of river Hooghly in between Chaotama Ghat and Kanck 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 to Ramlochan 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	
7		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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[1]	[2]	[3]	[4]				[5]	[6]	[7]
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							
17		Taking action against polluters by way of recovering compensation for restoration of the damage to the environment							
18	State Water Investigation Department (SWID)	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 achieved for 19 completed schemes.		
			District	Block Adjacent to polluted stretch of River Ganga	Nos.	Status			
			North 24 Parganas	Barrackpore I (safe)	1	Completed (2020)			
				Barrackpore II (safe)	1	Completed (2020)			
			Howrah	Bidhannagar Municipal Corpn.	1	Completed (2021-2022)			
				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 September 2022		Refer Annexure-F for additional information			
		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 Investigation Department (SWID)	Restoration of water bodies	Restoration of water bodies for rainwater harvesting			Target achieved			
			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				In the Urban areas, 1036 water bodies have been excavated/re-excavated for the period 2017-2020.	
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. <p>Action by KMC :</p> <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. <p>It has been decided by the highest authority of Department of UD & MA to construct atleast one FSIP in each districts of WB. Accordingly it has constituted a high level Committee for the purpose of drafting a Policy for construction of customised FSIP in each districts. The Committee will submit its Report with in 15 working days. It is pertinent to mention here, the State is already running 30KLD FSIP at South Dum DUM under supervision of KMDA. The construction of two more FSIPs one at North Dumdum and Baranagar Municipality and another at Burdwan are under pipeline.</p>	Proposed timeline for Framing up the policy by 2020 and follow up action may be taken up by next 2 years.		

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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.							
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	Refer Annexure- E						
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	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 priortised and now under feasibility study. The FSSM Policy of the State of WB for urban local bodies has been finalized and in the process of obligation. The mojar 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.							
28	Department of Forest	Afforestation and setting up of biodiversity parks	<table border="1"> <thead> <tr> <th>Activity</th> <th>Polluted River Stretch/Biodiversity Park</th> </tr> </thead> <tbody> <tr> <td>Plantation on both sides of the river</td> <td>6 ha advance work completed (100%).</td> </tr> </tbody> </table>	Activity	Polluted River Stretch/Biodiversity Park	Plantation on both sides of the river	6 ha advance work completed (100%).	Refer Annexure-G	NA	NA
		Activity	Polluted River Stretch/Biodiversity Park							
Plantation on both sides of the river	6 ha advance work completed (100%).									
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.									
29										

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[1]	[2]	[3]	[4]	[5]	[6]	[7]
30	Department of Agriculture		Please refer annexure-H			

Note: This report has been prepared after compiling the reports as received from the executing Agencies and / monitoring Agencies and other concerned stakeholders.

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

- **Two STPs have been put on Trial Run at Howrah and Bally w.e.f. 19.12.2023.**

Newly operational Howrah & Bally STP



- 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.
 - MoM of 17th Meeting of RRC held on 15.12.2023- Annexure-A.
 - MoM of the Chief Secretary held on 18.12.2023- Annexure-B.

- **The Water Quality Data for the month of December,2023 as received from WBPCB shows remarkable improvement for river Ganga. It is now placed in the least priority category i.e., Category-V(Annexure-C).**
- To reduce the Faecal Coliform count, Faecal Sludge and Septage Management Policy has been notified by the Department of UD & MA vide Memo No. 33-UDMA/24011(99)/66/2021 dated 25.05.2022.
- West Bengal is already having two (02) Septage Management Plants each having a capacity of 30 KLD at Promodnagar Cluster catering North Dumdum, South Dumdum, Kamarhati and Barangar.
- Construction of FSTPs in Burdwan is under Tendering Stage.
- DPR for construction of FSTP in Uttarpara-Kotrung is under examination of NMCG.
- DPR for construction of FSTPs in Ranaghat, Pujali, Garulia and Bhadreswar falling under Ganga basin have been internally prepared by KMDA and submitted to NMCG for approval.
- Presently, Septage and Sewage is co-treated in operational STPs of Gayespur, Nabadwip, Barrackpore, Budge Budge, Halisahar, Chandannagar & Chinsurah ULBs.
- One FSTP at Bansberia with the capacity of 15 KLD has been sanctioned by NMCG in the last EC Meeting and is now under Tendering Stage.
- Two Pilot projects (Siliguri and Khargpur 30 KLD each) under IIT, Khargpur in the final stage of tendering.
- **FSTPs have been proposed for Barasat, Madhyamgram and New Barrackpore. Preparation of DPRs are under progress.**

Total Septage emptied upto 31.12.2023 in the functional STPs by ULBs as below:

Sl. No	Name Of ULB	Co-Treated Sludge(KL)
1	Gayeshpur	66.0
2	Nabadwip	124.0
3	Halisahar	254.6
4	Budge Budge	204.4
5	Barrackpore	800.0
6	Chandannagar & Chinsurah	280.0
Total Capacity (KL)		1729.0

Total Amount of Septage emptied up to December 2023 - 1729 KLD

**** Incremental progress of co-Treatment since September, 2023 (Last Quarterly Report) is 748.20 KL.**

❖ **Tolly-Nullah (Adi Ganga)**

- Adi Ganga Bid is under tendering. The proposed Bid Opening date is on 15.01.2024.
- Due to sincere and successful interim measures, the Water Quality of Tolly Nullah has been improved. A good number of devotees have performed Tarpan and bathing in the Ghats of Adi Ganga during Mahalaya this year.



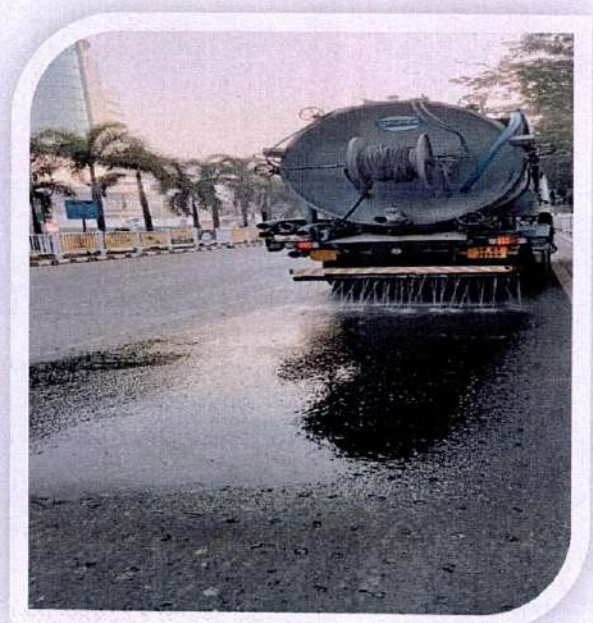
□ **Mandatory Site Inspection Reports of the Engineers.**

The Department of UD & MA has made out an Order no 115-UDMA-24011(99)/7/2021-JS(UDMA) dated 02.02.2021 where in it has made all Engineers to visit sites compulsorily twice a month and submit a Report on the progress of the work along with good quality photographs (The site inspection Report of KMDA for the month of December 2023. (Annexure-D)

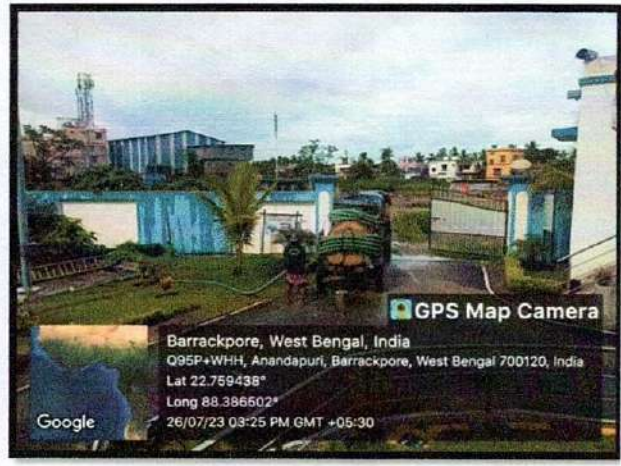
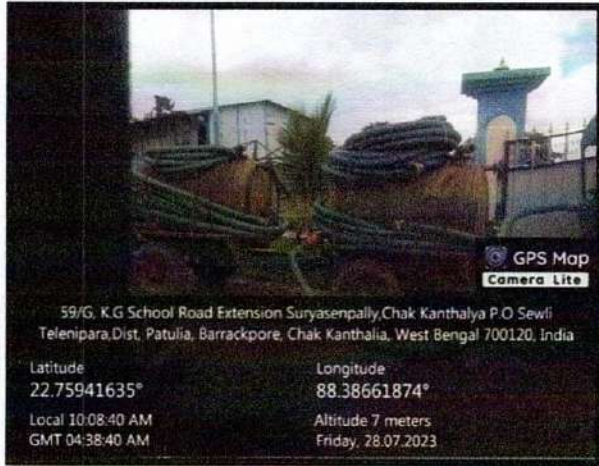
List of Some GOOD WORK done

- 1. Presently West Bengal is using the treated Waste Water for following:**
 - Pisciculture : Durgapur, East Kolkata Wetland, Nabadwip, Murshidabad
 - Gardening : Durgapur, Halisahar, Nabadwip and Barrackpore
 - Road Cleaning : NKDA
- 2. In the newly operational STPs of Howrah & Bally the treated water is extensively used for in-house gardening, water sprinkling.**
- 3. WBSPMG is setting up Stalls in different Melas, Events for mass awareness towards pollution abatement and also showcasing the use of treated water for Gardening, agricultural activities and Pisciculture. We have already booked stalls in Ganga Sagar Mela, Book Fair and other Melas for this purpose as use of Treated Water is a huge challenge in water abundant states like ours.**
- 4. Hooghly-Chinsurah (Taldanga) STP project will be put on trial Run (Partial Mode) by February 2024.**
- 5. To sensitize people, display of Banner & Flex on River Pollution Abatement had been done in the high footfall Pandals (5 Puja Pandals of each DGCs) during Durga Puja (A UNESCO Cultural Heritage of West Bengal) in nine (09) district of Ganga River Basin area of West Bengal.**
- 6. River Festival, in the month of November and December, 2023 had been organized in 7 Districts (Howrah, Malda, Nadia, North 24 Parganas, South 24 Parganas, PurbaBardhaman and Murshidabad) of West Bengal by DGCs under the monitoring of WBSPMG. Various Cultural Program and sensitization workshop including Ghat pe Haat had been organized under this event to spread the awareness among people.**

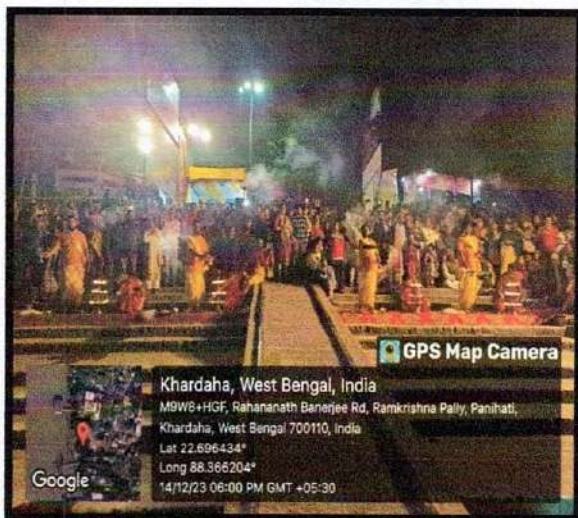
Re-use of Treated Waste Water



Photographs showing of emptying of Faecal Sludge in the functional STPs through Cesspool



River Festival



Mass Awareness Stalls at Different Melas



Public Outreach Events involving Specially Abled Children



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

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

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 (This includes sewage generation of Kolkata- 356.1 MLD and 1044.9 MLD for 9 Districts of West Bengal wherein District Ganga Protection Committees have been formed.)
II	Details of Sewage Treatment Plants	
	Existing number of operational STPs and treatment capacity	36 (534.88 MLD)
	Number of STPs under construction	9 (216 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	19 (425 MLD)**
	Total treatment capacity	1252.58 MLD
III	Gap in treatment capacity	148.42 MLD. (Approx. 149 MLD)***

Note:

* The existing STPs of Garden Reach and Keorapukur have capacities of 57 MLD and 45 MLD respectively are included in Operational category. Additionally, 13 MLD will be added to these 2 STPs by way of augmentation under Renovation category.

** 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.

***** To address the Gap of 148.42 MLD (149 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 Report of the STPs (Oct-23 to Dec-23)

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]		[5]	[6]	[7]
1	Authority (KMUDA)	Sewerage System & STP at Kalyani Municipal Town	2	Operational	Operational	
2		Sewerage System & STP at Gayeshpur Municipal Town	1	Operational	Operational	
3		Sewerage System & STP at Bhatpara Municipal Town	4	Operational	Operational	
4		Sewerage System and STP at Halisahar Municipality	1	Operational	Operational	
5		Sewerage System and STP at Budge Budge Municipality	1	Operational	Operational	
6		Sewerage System and STP at Barrackpore Municipality	2	Operational	Operational	
7		Pollution Abatement Work for River Ganga at Nabadwip under NGP Scheme	1	Operational	Operational	
8		Pollution Abatement Works for River Ganga at Howrah under HAM	1	Operational	Operational	
9		Pollution Abatement Works for River Ganga at Bally under HAM	1	Operational	Operational	
10		Pollution Abatement Work for River Ganga at Kamarhati & Baranagar under HAM	1	Overall progress : 95.36% upto 31.12.2023	Proposed time line: Mar 2024	
11		Pollution Abatement works for River Ganga at Kancharpara under DBOT	1	Operational	Operational	
12		Pollution Abatement Work for River Ganga at Berhampore	1	As per proposed revised BOQ Physical Progress upto 31.12.2023 : 50.70% (Considering actual progress as received from E&M Sector) Construction of STP Physical progress- Civil Work 60.98% 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- 51% Completed. v) Boundary Wall- Civil work- 75 m/240m Completed LS at Kapiler Math: Civil work Progress-39% LS near DM Bungalow: Civil work Progress-39% UGLS at Battala: 80% civil work completed. Network: Laying of Gravity pipe lof 4150m length done till date. Laying of Raising main of 719 m length done till date.		
13		I & D network for existing drain falling in river Ganga including sewage treatment plant (STP) at Jangipur & Raghunathganj	2	As per proposed revised BOQ Overall Physical Progress upto 31.12.2023 : 57.3%(Considering actual E&M Progress) for Jangipur & Raghunathganj Raghunathganj: Construction of STP Physical progress- Civil Work 82.4% completed i) SBR Basin: Civil Work- 98% Completed. ii) Inlet Chamber: Civil Work- 96%Completed. iii)MCC- Blower Room: Civil Work-91% Completed. iv) Centrifuge House of STP: Civil Work-96% Completed. v) Chlorination Building : Civil Work-97% Completed. vi) CCT room: Civil Work-96% Completed. vii) MPS- Ino. Civil Work-72% 1) LS at Global More: NOC issued on 29.11.2022 , Overall Progress: 38% 2) UGLS at SHibaji Sangha: Drawing & Design is under progress. 3) UGLS at Balighata: Drawing & Design is under progress. Jangipur: Construction of STP Physical progress- Civil Work 81.33% completed i) SBR Basin: Civil Work- 98% Completed. ii) Inlet Chamber: Civil Work-90% Complete iii) MCC - Blower: Civil Work-90% Completed. iv) Centrifuge House of STP: Civil Work-97% Completed. v) Chlorination Building : Civil Work-98% Completed. vi) CCT room: Civil Work-95% Completed. vii) MPS- Ino. Civil Work-60% 1) LS at PWD GoDown: Overall Progress 49%	Proposed time line: Mar 2024	

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]		[5]	[6]	[7]
14	Kolkata Metropolitan Development	Pollution Abatement Works for river Ganga at Hooghly Chinsurah	1	Overall Physical Progress upto 31.12.2023 Overall progress =83% . 1) STP Civil Work - 96% Completed 2) Chorination tank - Civil finishing work is going on. 3) Sewerage network - Gravity Sewage: 65 % Completed/ Rising Main : 68% Completed 4) Admin building, Blower, Centrifuge, PLC Room - 96% Completed 5) LSS: Progress: 50% 6) MPS Progress: 95%.	Proposed time line: Mar 2024	
15		Pollution Abatement Works for river Ganga at Maheshala Municipality	1	Construction of STP Physical progress- Over all 25.14 % . Completed i) SBR Basin: SBR wall is under progress.-Civil-95% Completed. ii) Inlet Chamber: Civil- 80% Completed. iii)MCC- Blower Room- Admin Room: Civil Work-95% Completed. iv) Centrifuge House of STP: Civil work-85% Completed. v) CCT : Civil Work-98% Completed. vi) MPS- 1 no. Work just started Overall Progress: 44.64%	Proposed time line: June 2024	
16		Pumping Station including Sewerage Network and 5 (Five) Years Operation and Maintenance at Baidyabati and Bhadreswar under Hooghly District in West Bengal.	2	Completed	Operational	
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	Operational	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	2 STPs are in Proposal stage	Proposal Stage	
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	Operational	Operational	
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	Operational	Operational	
21		Pollution Abatement works for River Ganga at Katwa (Including agugmentation of existing STP) & Murshidabad	2	Under Examination of NMCG	Proposed	
22		STPs at Chakdah, Santipur, Uluberia, Krishnanagar, Jagunj-Azimgunj, Diamond Harbour, Kestopur	7	7 STPs are in proposal Stage	Tendering under process - Chakdah (15 MLD), For Krishnanagar (14MLD) has been sanctioned.	
23	Sewerage System and STPs at North Barrackpore	2	Physical Progress of Babanpur STP is: 10.90% Upto 31.12.2023	This project is splitted into 2 Phases. Construction started at 30 MLD STP		

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]		[5]	[6]	[7]
24	Kolkata Municipal Corporation (KMC)	Near WBSETCL, Joka - 45 MLD	1	Overall Progress: 67.4 %	Jun-24	
25		Bank Plot, M.G Road - 40 MLD	1	Overall Progress: 75.3 %	Jun-24	
26		Rajpur-Sonarpur, Rania - 23 MLD	1	Overall Progress: 95 %	Feb-24	
27		Bansdroni - 11.6 MLD	1	Bid submission date was extended finally 15.01.2024	Bid Closing date-15.01.24.	
28		Near Golf Garden, Sukhapukur - 3.5 MLD	1			
29		Near Kavi Nazrul Metro Station, Birji Road - 10 MLD	1			
30		STPs at New Keorapukur (25 MLD) & Strand Road (23 MLD)	2	Proposed	Proposed	
31		STP Near At Surinaam Ghat, Dhankheti Nikashir - 25 MLD	1	Proposed under Municipal Waste Water Project Budgetary estimate is of about Rs. 1551.37 Crore. Due to non issuance of AA&ES and Fund, Executing Agency can not comply the orders of Hon'ble NGT.	DPR approved by NMCG.	
32		STP Near Bhanga Khal, Gardenreach area - 35 MLD	1			
33		STPs at Garden Reach and Keorapukur	2	Gaden Reach: LOA issued on 26.12.2023, Concession agreement is in progress. Keorapukur: Project has to be re-tendered. Pre tendered meeting held in KMC with the interested contractors and the replies to the raised quarries is under prepration and expected to be finalised shortly.		
34	PHED	STPs at Diamond Harbour, Berhampore, Katwa, Murshidabad and Nabadwip	5	Operational. Constructed in GAP-I.	STP at Berhampore is in renovation stage	
35	MED	Jiagunj Azimgunj Takia Oxidation Pond	2	Operational	Operational	

Annexure-IV

Interception & Diversion status of 56 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 March, 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 March, 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	18.9 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		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		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		To be connected within April 2025 with North Barrackpore STP (8 MLD capacity) which
15	24	Titagarh Drain (Bishalaxmi Ghat)	22.733628 88.363502	Titagarh	Lock gate and drop shutter	Tapped with Titagarh STP (4.50 MLD capacity)	12.0 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		DPR is under process for interception of the Drain in a newly proposed STP
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 which shall be executed by Ganga STP Project Pvt. Ltd. under HAM

Interception & Diversion status of 56 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
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	Considered in Kamarhati-Baranagar STP (60.00 MLD) at Baranagar which shall be executed by Ganga STP Project Pvt. Ltd. under HAM
22	36	Chitpur Ghat Khal/ Circular Canal	22.606978 88.369915	Chitpur	Lock gate and drop shutter	KMC		KMC
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	Considered in Arupara STP (65.00 MLD) at Howrah which shall be executed by Ganga STP Project Pvt. Ltd. under HAM
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)		
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	Considered in Arupara STP (65.00 MLD) at Howrah.
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 2023
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	Considered to be connected in Maheshtala I&D network project

Annexure-V

Interception & Diversion status of 56 Drains falling in River Ganga

Sl.No	Sl. No. of CPCB List	Name of drain	Coordinates / Latitude & Longitude	City /Town of Confluence point	Any STP operational/planned in the catchment area or likely diversion/interception of the drain to STP	Likely date of completion
(b) Drains can not be connected to the STP						
36	2	Bhatpara Drain	22.871384 88.399027	Bhatpara	DPR already sent to NMCG for approval	To be tapped with 31 MLD STP at Jagaddal Bhatpara. DPR is under process.
37	7	Pratapnagar-Rajbari Drain	22.843929 88.378524	Bhatpara		
38	9	Bhatpara-Open pucca drain	22.881233 88.410153	Bhatpara	Already been taken up by GAP sector KMDA	Tender for DPR is under process
39	10	Bagh Khal	22.714083 88.355567	Rishra & Konnagar		
40	13	Majher Char Khal	22.974131 88.409981	Kalyani	This drain will receive 90% of its flow from Kalyani Town and therefore a disinfection unit proposed there.	DPR for interception of this drain along with sewerage network of Kalyani is underprocess
41	14	Champdani Ferry Ghat / Paolghat Drain	22.799760 88.349396	Hooghly	To be connected with Champdani STP	Under Tendering Process
42	15	Khardah Khal	22.725851 88.366049	Khardah	Drain with humungus capacity and flow will be treated as separate canal/River	Under Tendering Process
43	16	N.C. Pal Khal	22.566967 88.247855	Sankrail		
44	18	Saraswati Khal	22.558776 88.232781	Howrah	Tender invited for preparation of DPR for Howrah added zone in I&D with STP.	Tendering Process under Howrah added area
45	25	Dhopa Ghat Drain	22.953283 88.405553	Hooghly		
46	26	Chandannagar Drain	22.856972 88.370107	Chandannagar	Tapped with Chandannagar STP	Tapped with Chandannagar STP
47	27	Najerganj Khal	22.558376 88.277443	Sankrail	Preparation of DPR for Howrah added zone in I&D with STP	Tendering Process under Howrah added area
48	28	ITC Triveni Drain	23.003891 88.410901	Hooghly	M/S ITC Tribeni Tissue factory has been directed to install STP for their housing quarters. Monitoring of the same to be done on regular basis.	It is an outfall of ITC, Tribeni. It only carries the waste water from ITC, Tribeni.
49	29	Akhra Food Ghat drain (New Muni Khali Khal)	22.529541 88.251636	Mahestala	Will be tapped at Maheshtala STP	Will be tapped at Maheshtala STP
50	31	DVC Canal	22.807225 88.351670	Champdani		DPR for Augmentation of Srerampur Champdani STP is under progress
51	38	Bazarpara-Garighat Drain / Sharenga drain	22.529805 88.186297	Sankrail/ Sarenga	Under Tendering for preparing DPR under Howrah added area.	
52	39	Baidyabati Drain	22.781649 88.332085	Baidyabati	Drain with humungus capacity and flow will be treated as separate canal/River	Under Tendering Process
53	43	Bally Khal	22.654986 88.346839	Bally		
54	51	Singhi More Khal	22.542012 88.226144	Sakrail	Tender invited forPreparation of DPR for Howrah added zone in I&D with STP	Tendering Process under Howrah added area
55	52	BITPS Out fall Drain-I	22.997221 88.406586	Hooghly		
56	53	Balughat Manirampur	22.772383 88.335966	Khardah	To be connected within April 2024 with North Barrackpore STP (8 MLD capacity) which is under tendering stage.	To be connected within April 2024 with North Barrackpore STP (8 MLD capacity) which is under tendering stage.

Project Director (WBSPMG)
Through
Mpl. Commissioner
Spl. Mpl. Commissioner(G&D)
DG(S&D)
DyCE(C)/Drg.
DyCE(E)/S&D

Note#2 and Note#3 may kindly be referred to.

In line with regularly submitted MPR in connection with O.A. No. 673/2018, the discharge in river Ganga from KMC area is 356 MLD. The break-up as per OA No. 673/2018 are as follows:

STPs related to Ganga (Existing and proposed)

Sl. No.	Name of the STP	Capacity in MLD	Status	Remarks
1.	Gardenreach STP	65	Tendered	Existing 57 MLD capacity STP will be upgraded
2.	Keorapukur STP	50	Tendered	Additional capacity of 5 MLD for Existing 45 MLD STP
3.	Near WBSETCL, Joka	45	Construction is running	KEIIP Project
4.	At Bank Plot, M.G Road	40	Construction is running	KEIIP Project
5.	Rajpur-Sonarpur, Rania	23	Construction is running	KEIIP Project
6.	Bansdroni STP	11.6	Tendering in process	Under Tolly's Nallah Project
7.	STP Near Golf Garden	3.5	Tendering in process	Under Tolly's Nallah Project
8.	Birji Road STP near SahidKhudiram Metro	10	Tendering in process	Under Tolly's Nallah Project
9.	STP Near SurinaamGhat, Dhankheti Nikashi	25	Proposed	
10.	STP Near Bhangakhal, Gardenreach area	35	Proposed	

11.	New Keorapukur STP	25	Proposed	
12.	Strand Road STP	23	Proposed	
Total capacity in MLD		356.1		

Non-Ganga STPs (Existing and proposed)

Sl. No.	Name of the STP	Capacity in MLD	Remarks
1.	East Kolkata Wetland	910	Natural Treatment
2.	Bangur STP	52	Existing
3.	Baghajatin STP	15	Existing
4.	Hatisur STP	10	Existing, which is proposed to be upgraded and augmented by KURIP in their next Tranche with funding from ADB.
5.	New Baghajatin STP	26	Proposed
Total Capacity in MLD		1013	

Submitted.

Minutes of the 17th River Rejuvenation Committee (RRC) meeting relating to Polluted Stretches Priority – I, II, III, IV and V in connection with the order of NGT O.A No 673/2018 held on 15th December, 2023 at the 3rd Floor Conference Hall of KMDA

The Chairman, Program Director, SPMG and Member Convener and all other members of concerned departments attended the meeting.

Member Secretary, West Bengal Pollution Control Board and Chairman of the RRC initiated discussion to review of the progress as per the Action Plan of the identified polluted river stretches in connection with Hon'ble NGT, O.A No. 673/2018 along with the lapses of each Department/ Agencies to achieve the required goals. The agenda of discussion for the meeting also includes river-wise progress monitoring, present status of STP projects executed by KMDA, KMC and KEIIP along with other issues.

Program Director, WBSPMG shared the updates on Liquid Waste Management in West Bengal.

- She highlighted that the water quality of Mahananda has deteriorated while for the other rivers that has improved.
 - BOD was found to be slightly on the higher side in Farakka, Garden Reach, Howrah water quality monitoring stations.
 - She updated the list of 47 STPs and pointed out that one STP from North Barrackpore is added in the Under-Construction list and partial Trial-run will commence at Howrah and Bally STP from 19.12.2023.
- Member Secretary of WBPCB briefed that WBPCB has installed a small DSTP in Champdany area which is running successfully and also advised for a joint visit. He also informed that a new Action Plan monitoring system has been launched to track the milestones of the project.
- As the representative of KEIIP is absent in the meeting, the Member Secretary directed that KEIIP have to submit the process and planning report to the committee through the commissioner of KMC at the earliest possible.
- Program Director WBSPMG while discussing about the under tendering and sanctioned projects, pointed that Krishnagar Project had been sanctioned in 51st EC meeting, where Utility Shifting and Electricity Charge will be financed from State fund.
- KMC representative informed that the bid Submission date of Adi Ganga has been extended up to 10th January 2024 while Keorapukur bid has been cancelled due to single bidder. Program Director WBSPMG also informed that she added Co-Treatment clause in the Keorapukur Project.
- Program Director WBSPMG also pointed out that land issue of Jianagar STP (Churni River) is yet to be resolved while that of Mahanada STP –I has been resolved and NABCON has been prepared the DPR and it will be examine by the State Level Task Force.

- Program Director, WBSPMG emphasized that BOD level of Mahananda River is in alarming stage and increasing continuously. Chief Engineer, MED informed that they have already installed the gratings at the outfall and SMC has to remove the garbage as per specified O&M Process. SMC representative informed that they have already engaged 15 teams to clean the garbage heap. Program Director, WBSPMG directed SMC to expedite the payment related issue which is an impeding factor in the cleaning process and submit the payment report within 5 working days. SMC was asked to be more vigilant in order to find out the root cause of notable rise in BOD of Mahananda.
- While discussing on the STP Projects of Vidyadhari River, Program Director, WBSPMG pointed that NOC is pending for Kestopur project from Bidhannagar Municipal Corporation.
- Chief Engineer, GAP Wing, KMDA was directed to submit the DPR of Asansol and Durgapur Project by 15.01.2024.
- Program Director, WBSPMG highlighted the following issues:
 - At Mayapur, the ISKCON temple area is becoming very congested and no plan for Solid and Liquid waste Management is prevalent. A joint visit with Panchayet will be conducted in January 2024 to finalize the land for STP & FSTP.
 - She pointed that for Priority IV and V rivers where increase in BOD and FC level are noticed; MED should monitor and place a proposal of corrective measures along with ULBs.
 - Co – Treatment of septage can be started at Bally & Howrah STP project after commencement of trial run (partial mode) at these two STP projects.
 - She also pointed that some newly laid sewer lines at Bhatpara were damaged during laying of water lines by PHED. She directed for a joint discussion of KMDA & PHED officials to prevent further damages of Government assets.
- WBEIDC informed that all districts have started the E-waste disposal work and setting up of E-waste recycling facility at Sonarpur is in progress.
- MS, PCB advised Department of Health to increase the number of agencies to treat Bio – medical wastes and initiate regular health checkup at bathing Ghats to gauge the health impact due to change in the water quality of the river.
- Agriculture Department is advised to provide the reports of the impact of pesticides in the river water.
- Regarding NGT matters, it was decided that State would make an appeal before HNGT to merge all the Ganga related cases under OA 200.

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



Program Director, WBSPMG
Convener



Chairman RRC
&
Member Secretary, WBPCB

Minutes of the meeting of the 7th State Ganga Rejuvenation Protection and Management Committee (SGC), West Bengal under the Chairmanship of the Chief Secretary, Government of West Bengal and ex-officio Chairperson of the State Ganga Committee (SGC) held on 18th December, 2023 at 12:00 Noon.

Venue: Conference Hall, Nabanna, 13th Floor.

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

Agenda – 1: Confirmation of the proceedings of 6th State Ganga Committee (SGC) meeting on the workings of the West Bengal State NGRBA Program Management Group held on 7th November, 2022.

The minutes of the 6th meeting of State Ganga Committee (SGC) held on 7th November, 2022 were read out and confirmed.

The decisions taken in the 6th State Ganga Committee Meeting under NGRBA framework were taken up for discussion pointwise and the related progress was reviewed.

Agenda – 2: Adoption of Annual Accounts of West Bengal State NGRBA Program Management Group (WBSPMG) for the Financial Year 2022-2023.

The audited Annual accounts for the Financial Year 2022-2023 was placed before the committee for perusal which has been adopted and approved.

West Bengal State NGRBA Program Management Group (WBSPMG) has been advised to take consequent action like inviting the Principal A.G. (Audit – I), West Bengal for the transaction and Accounts audit, Statement of expenditure (SoE) audit for World Bank Financed Projects and observing other relevant statutory compliances subsequently to adoption of Accounts.

Agenda – 3: Review of Liquid Waste Management

Water Quality of Rivers

The Program Director, WBSPMG presented the PPT on Liquid Waste Management.

In her deliberation, she highlighted that the Water Quality of all rivers, except that of Mahananda complies with the bathing standard set by Hon'ble NGT. On this point Hon'ble Chief Secretary, Govt. of West Bengal wanted to know the reasons of poor quality of River Mahananda. The Commissioner, Siliguri Municipal Corporation (SMC) who was present through Video Conference stated that the reasons for poor water quality of water is mainly due to the discharge from Khatals from the banks of the river Mahananda. Commissioner, SMC was directed to take immediate corrective measures and also instructed to prepare action plan for its Pollution Abatement including establishment of CBG Plant.

In the meeting, Program Director, WBSPMG conveyed that in the recently conducted RRC Meeting chaired by the Member Secretary, WBPCB and Chairman of RRC Committee, raised concerns on the poor quality of water of river Mahananda. All Stakeholders were directed to take concerted effort, so that Pollution in river Mahananda can be brought under control immediately.

So far as the water quality of River Ganga is concerned it may be mentioned that excepting three (3) locations namely at Farakkha, Garden-Reach & Howrah water quality of all other locations are complying with the Hon'ble NGT norms and within the permissible limit of BOD of 3.0 mg./ ltr.

Progress of on-going STP projects:

The progress of the installation of the on-going STP projects was reviewed at length Project wise and Hon'ble CS expressed his satisfaction on the work being done by the West Bengal State NGRBA Program Management Group (WBSPMG). On this point the Program Director, WBSPMG intimated that the Howrah – Bally – Baranagar STP Project, implemented under HAM, is going to be commissioned partially on December 19, 2023 which will augment Liquid Waste treatment capacity of the State by 50 MLD.

She also intimated in the meeting that the STP Project at Hooghly-Chinsurah will also go for partial commissioning from the end of December, 2023.

The progress of three (3) STP Projects being implemented by the KMC under KEIIP at Joka (45 MLD), M.G. Road (40 MLD) & Rania (23 MLD) was reviewed. It is observed that the progress of work excepting that for Rania is required to be expedited and upscaled.

Upcoming Projects:

Program Director, WBSPMG informed in the meeting that the upcoming STP Projects at Katwa, Murshidabad are under examination of NMCG.

Up-coming Pollution Abatement of Adi Ganga EAP Project under World Bank funding:

Program Director, WBSPMG intimated in the meeting that the pre-Bid quires for the project, involving three STPs and critical networking have been uploaded in the e-tender Portal and Bid submission deadline has been extended upto **10th January, 2024**. On this point Hon'ble CS stated that we can hope to start the work immediately after finalization of Bid.

Dredging Work in Tolly Nullah (Adi Ganga):

Hon'ble CS inquired about the progress of dredging work of Tolly Nullah, which has been funded from State Budget. The Commissioner, KMC conveyed that 14.5 KM dredging work from confluence of Adi Ganga to Chetla bridge is expected to be completed prior to the upcoming monsoon.

Pollution Abatement on River Churni under Ranaghat Municipality:

Progresses of installation of 2 STPs are seemed to be satisfactory but land issues at Jianagar (5.2 MLD) are there which need to be sorted out immediately. On this point District Magistrate, Nadia was taken on the Video Conference & Hon'ble CS heard his submission and directed to sort out issue immediately

➤ **Bagjola STP Project for Pollution Abatement of River Vidyadhari & Bagjola Canal:**

Four (4) Sewage Treatment Plants (STPs) are planned for installation along the Bagjola Canal to address its pollution. Among these, one is scheduled for installation in Baranagar, while the remaining three are earmarked for North Dumdum, South Dumdum, and Bidhannagar. The bidding processes for all the STPs are currently at various stages. On this point Hon'ble CS enquired about non-participation of bidders on successive occasions and directed to address the issues for successful tendering.

➤ **Pollution Abatement Work at River Damodar:**

Revised DPR for Asansol & Durgapur STP & FSTP Projects are likely to be finalized by the KMDA and submitted with the West Bengal State NGRBA Program Management Group (WBSPMG) for taking up the matter with the NMCG by 29/12/2023.

➤ **Prèparation of Micro Planning for Pollution Abatement in the District:**

In the discussions on the issue of Liquid Waste Management (LWM) in both Urban and Rural areas of the state arose. On this point the Hon'ble CS has instructed for **preparation of District-wise micro planning in all the 128 Urban Local Bodies (ULBs)** and the Rural Areas. The focus of this micro planning is to outline sewage generation taking into account the anticipated population for the year 2038, and account for the existing Sewage Treatment Plants (STPs) and FSTPs along with proposed installations. In the micro planning, it is essential to integrate convergence of sewage management in the urban and rural areas.

Status of implementation of FSTP Projects:

Ganga Towns:

One FSTP Project in Burdwan Town (50 Kld.) is under bidding process, another at Bansberia has recently be sanctioned by the NMCG. 5 FSTP Projects (Uttarpara, Ranaghat, Pujali, Chakdha & Garulia Municipalities) are under process of implementation by NMCG.

On this point the Hon'ble CS desired to know the quantum of septage generated per capita Prof. Dr. Arunabha Majumder stated that 120 Ltr. per capita per year septage is usually taken for ascertaining the capacity of FSTP to be installed.

FSTP Projects at Non – KMDA, Non – Ganga Town Area:

2 Pilot Projects at Siliguri & Kharagpore are under bidding process.

Out of the 54 Non – Ganga Towns, 17 FSTPs for 17 Amrut Cities are likely to be setup from the fund of AMRUT. For Setting up of 37 FSTPs, preparation of DPRs is under process in MED, UD & MA Department, GoWB in collaboration with IIT, Kharagpore as technology partner.

Co – Treatment of Faecal Sludge:

Program Director, WBSPMG highlighted the successful co-treatment of faecal sludge in operational STPs with an incremental co-treatment of 755.4 KL. This achievement has been documented in the WBPCB water Quality Report October 2023 showcasing a notable reduction in Faecal Coliform level at Palta Shitalatala and Serampore stations.

Agenda 4: Status of the River Ghat Development Projects (RFD) and Electric Crematoria:

Progress on Ghat Development and Electric Crematoria is outlined as below:

- ❖ Prabhupada Ghat at ISKCON: 62% completion
- ❖ Electric Crematorium at Kalyani: 21% completion (NOC from KoPT is pending)
- ❖ Electric Crematorium at Kaliganj: 4% completion.
- ❖ Eco Green Crematorium at Barrackpore: Under bidding (1st call did not mature, 2nd call under process).

Agenda 5: Miscellaneous

i) Strengthening of Laboratory under WBPCB:

On this point WBPCB pointed out that the Regional Laboratory at Malda is under process of strengthening and procurement of different equipments both for the Central & Regional Laboratories is under progress.

ii) Forestry Intervention to Clean Ganga (FIG)

NMCG has been releasing fund for forestry Intervention Project under Ganga Pollution Abatement Work and a sum of Rs. 21.56 Cr. has already been spent for afforestation under Namami Gange Project. Necessary care and protection need be extended so that the saplings can grow up.

iii) Ratification of engagement/extension of Service of Contractual Offers/Employees:

Terms of Contractual Engagement of Officials/Employees, engaged earlier and extended for a further period of 1 year, has been ratified.

Fresh engagement of 5 Officials as per approved setup and guidelines of NMCG for 1 year term has also been ratified.

The matter of filling of 3 vacant posts including that 1 for IEC Wing also came up for discussion and the Hon'ble Chief Secretary, Govt. of West Bengal directed to take up the issues with the NMCG, so that the 3 vital posts for the working of West Bengal State NGRBA Program Management Group (WBSPMG) is filled up without any loss of time.

iv) Proposal for introduction of Medical Insurance and Contributory Provident Fund for the existing Employees of West Bengal State NGRBA Program Management Group (WBSPMG):

The matter of introduction of Medical Insurance and Contributory Provident Fund for the existing Employees of West Bengal State NGRBA Program Management Group (WBSPMG) also came up for discussion and it is decided to explore the scope of implementation and take up the matter with the NMCG as they are the funding agency.

v) Issues & Concern:

a) North Barrackpore STP Project under HAM (8 MLD STP):

It is resolved to take up the matter with the Barrackpore Cantonment Board to allow for setting up of STP on the land of Cantonment Board since the approach road for **Monirampore STP (8 MLD)** is yet to be resolved.

b) Kaliganj Electric Crematorium:

The District Magistrate, Nadia intimated that the land selected earlier cannot be spared, in place, an alternative land is on the process of identification.

c) Land issue of STP (5.2 MLD) for Churni River at Jianagar:

Land issues at Jianagar for setting up of STP (5.2 MLD) is yet to be resolved. On this point, Hon'ble Chief Secretary, Govt. of West Bengal directed the District Magistrate, Nadia to sort out the issue immediately.

d) Issues for setting up of Krishnanagar STP Project under NMCG:

Program Director, WBSPMG intimated in the meeting that AA & ES has been issued but some scope of work like Power Connection Charges, Utility Shifting Charges and cost of Cess Pool vehicle has been excluded by the NMCG in the sanction with the condition that such expenditure should be borne by the State. This proposal is under active consideration of the State Government.

➤ **Construction of CBG Plant:**

The matter of construction of CBG Plant at Dankuni, Hooghly and Palta, North 24 Parganas also came up for discussion.

The Program Director, WBSPMG informed that the soil test is being carried out at the proposed site for CBG Plant at Dankuni by the HPCL itself to ascertain the proposed soil condition of the site.

GAIL, CPSU examined the possibility of setting up of CBG Plant at Palta, North 24 Parganas. The GAIL intimated that they will be unable to lift the Cow Dung from the Khatal and the State is to arrange for delivery of Cow Dung alongwith segregated Municipal Solid Waste at the Plant with free of cost. On this point the Hon'ble Chief Secretary, Govt. of West Bengal suggested to develop a Revenue Model so that the project can be made feasible as some benefit will be required to be passed over to the Khatal Owners otherwise the arrangements may not be workable.

➤ **Legacy Waste Management:**

The Program Director, WBSPMG presented the status as below:

- ❖ Total No. of dump sites: 84 (70 ULBs).
- ❖ Incremental progress on Handing over of Dump sites from August, 2023 to November, 2023: 4.
- ❖ Incremental progress on quantity processed from August, 2023 to November, 2023: 1.93 Lakh MT (6%)
- ❖ Incremental progress in total disposal from August, 2023 to November, 2023: 0.91 Lakh MT (3.2%)
- ❖ Incremental progress on Disposal of RDF from August, 2023 to November, 2023: 0.24 Lakh MT (12.1%)
- ❖ Incremental progress on Disposal of Inert from August, 2023 to November, 2023: 0.38 Lakh MT (3.6%)
- ❖ Incremental progress on Disposal of Good Earth from August, 2023 to November, 2023: 1.12 Lakh MT (7.3%)
- ❖ Incremental progress on Land Reclamation from August, 2023 to November, 2023: 11.97 Acres (6.51%)

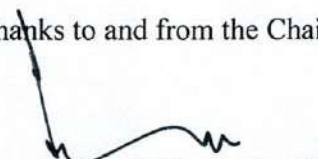
Program Director, WBSPMG pointed out that the land reclaimed by processing of Legacy Waste is being occupied by dumping of fresh Solid Waste.

She also intimated that integrated Solid Waste Management Program has been taken up in 16 Municipalities for which Tender floated has been extended upto 15/01/2024 for submission of bid.

Instruction given by Hon'ble CS.

Directions have been received from Chief Secretary for forming a Task Force under WBPCB for monitoring of Liquid Waste, Solid Waste and Bio Gas Management in a comprehensive manner, for preparation of micro level planning in each district by taking into account the convergence of urban and rural areas towards Solid, Liquid Waste Management and Construction of CBG Plant. The Task Force may take up any/all issues related with the total waste management of the State. Hon'ble CS has given three months' time to present the first draft.

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


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

List of Members and other Officials present in the 7th State Ganga Rejuvenation Protection and Management Committee (SGC), West Bengal held 18th December, 2023 at 12:00 Noon in the 13th Floor Conference Hall of Nabanna, Howrah.

Members present in the meeting -

1. Chief Secretary to the Government of West Bengal & Chairperson, State Ganga Committee
2. Shri Vivek Kumar, Additional Chief Secretary, Department of Forest & Ex-Officio, Member of the State Ganga Committee of SPMG
3. Principal Secretary, Department of Environment & Ex-Officio, Member of the State Ganga Committee of SPMG
4. Shri P. K. Mishra, Principal Secretary, Department of Irrigation & Waterways & Member of the State Ganga Committee of SPMG
5. Shri Khalil Ahmed, Principal Secretary, Department of Urban Development & Municipal Affairs & Member of the State Ganga Committee of SPMG
6. Shri Binod Kumar, Chief Executive Officer, Kolkata Metropolitan Development Authority in the rank of Principal Secretary & Ex-Officio Member of the State Ganga Committee
7. Program Director, West Bengal State NGRBA Program Management Group (WBSPMG)
8. Prof. Arunabha Majumder, Department of School of Water Resources, Jadavpur University, Member of the State Ganga Committee of SPMG
9. Prof. Anirban Gupta, Department of Civil Engineering, IEST, Shibpur, Member of the State Ganga Committee of SPMG

Officials present in the meeting-

1. Member Secretary, West Bengal State Pollution Control Board
2. Dhaval Jain, Commissioner, HMC
3. Secretary, Land and Land Reforms Department
4. Capt. Abhijit Ghosh, Director, Marine Department, SMPK
5. Dharmdeo Ravi, CEO, Department of Environment
6. Biswajit Ghosh, DCP (HQ), Bidhannagar Police Commissionerate
7. S. Ghoshal, Director, State Urban Development Agency
8. Joly Chaudhury, Additional Secretary, UD&MA Department
9. K. Radhika Aiyar, Project Director, KEIIP
10. Pratik Dhumal, Assistant Project Director, WBSPMG
11. Ranjan Kumar Jana, Director (Finance & Administration), WBSPMG
12. Dr. T. K. Gupta, Chief Technical Advisor, WBPCB
13. Kamalesh Basak, DG, GAP, KMDA
14. Dr. Sukdeb Das, Special Law Officer, UD&MA Department
15. Asraful Islam, Chief Engineer, KMDA
16. Sujay Mitra, Chief Manager, Planning & Monitoring
17. Suman Saha, Chief Engineer (E/M), KMDA
18. Kingshuk Roy, Chief Engineer, MED
19. D. Sarkar, Deputy Chief Engineer, KEIIP, KMC
20. Prantik Ray, Chief Engineer, GAP, KMDA
21. Rajib Sadhu Chief Engineer, SD&SWM
22. Public Health Engineer, WBSPMG
23. Dr. A. K. Nath, Kolkata Port Trust
24. P. P. Dutta, Kolkata Port Trust
25. R. Mukherjee, SMPK
26. Shibaji Bandopadhyay, Executive Engineer, KMC
27. Vibha Shankar, Kolkata Port Trust
28. Moumita Mitra, Law Officer, UD&MA Department

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

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)	7.43	7.3	2.2	140000	50000	70
	Mahananda	Ramghat(Downstream)	7.31	4.9	14	1300000	270000	7000
II	Vidyadhari	Haroa bridge (upstream)	7.11	0.99	11.44	94000	32000	460
	Vidyadhari	Malancha (downstream)	7.29	0.69	9.36	63000	26000	390
II	Churni	Downstream of Ranaghat town	8	2.3	2	49000	24000	1300
	Churni	Majhdia	7.82	2.5	2.31	22000	5400	490
III	Matha bhanga	Gobindapur	7.76	2.6	2.63	79000	24000	2200
IV	Ganga	Farakka	7.67	8.2	1.35	2400	790	33
	Ganga	Farakka	7.29	9	2.3	3500	1300	79
	Ganga	Khagra	7.21	8.3	1.4	3500	1100	46
	Ganga	Khagra	7.44	8.6	1.7	2400	790	46
	Ganga	Baharampore	7.4	8	1.8	13000	3500	330
	Ganga	Baharampore	7.61	8.5	1.7	11000	3500	330
	Ganga	Gorabazar	7.34	8	1.5	7900	1300	130
	Ganga	Gorabazar	7.07	8.5	1.9	9400	1700	230
	Ganga	Nabadip	7.76	7.8	2.8	3500	1400	79
	Ganga	Nabadip	7.49	8.5	1	2400	790	78
	Ganga	Tribeni	7.96	7.8	2.9	3500	1300	79
	Ganga	Tribeni	7.94	8.2	1.6	2400	1100	70
	Ganga	Palta Shitalatala	7.84	7.5	2.5	31000	7000	700
	Ganga	Palta Shitalatala	7.15	8	2.5	24000	5400	490
	Ganga	Palta,	7.79	7.4	2.8	33000	9400	490
	Ganga	Palta	7.31	8	2.5	22000	5400	330
	Ganga	Serampore	7.72	7.6	2.9	49000	17000	940
	Ganga	Serampore	7.29	8.2	2.8	33000	13000	700
	Ganga	Dakshmineswar	7.39	6.27	2.66	120000	63000	490
	Ganga	Dakshmineswar	7.26	6.94	2.5	110000	58000	470
	Ganga	Garden reach	7.17	6.25	2.74	130000	70000	460
	Ganga	Garden reach	7.35	7.01	2.52	120000	63000	470
	Ganga	Howrah-shivpur	7.08	6.15	2.69	110000	58000	390
	Ganga	Howrah-shivpur	7.43	7.11	2.47	94000	47000	400
	Ganga	Uluberia,	7.18	5.83	2.6	33000	21000	220
	Ganga	Uluberia,	7.56	6.72	2.69	32000	22000	270
	Ganga	Durgachak near Pathikhali,	7.9	4.1	1.4	13000	7900	240
	Ganga	Durgachak near Pathikhali,	8.4	7.5	1.1	14000	7000	240
	Ganga	Diamond harbour,	6.79	6.65	2.2	9200	6100	17
	Ganga	Diamond harbour,	7.19	6.96	2.3	7800	4500	14

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

Priority	River	Stations	pH(Unit)	(DO) (mg/l)	BOD (mg/l)	Total Coliform(MPN/100 ml)	Fecal Coliform(MPN/100 ml)	Fecal Streptococci (MPN/100ml)
IV	KANSI	Downstream at Midnapore	8	8.3	2.15	4900	2600	110
IV	JALANGLI,	Downstream of Krishna nagar	7.78	5.1	2.6	11000	2400	490
V	Damodar	Dishergharh	7.4	8.2	1.95	2600	1700	14
	Damodar	HISCO near Dhenna Village,	7.15	8.1	2.15	3300	2100	21
	Damodar	Narainpur	7.68	8.2	2.2	2200	1700	17
	Damodar	Near Mujher Mana Village	6.9	8.2	2.3	3300	2100	22
	Damodar	Andal D/s	7.45	8.2	2.35	2700	2200	26
	Damodar	Andal U/s	7.58	8.1	2.25	3300	2600	22
	Damodar	Asansol U/s	7.9	8.3	1.75	2200	1700	17
	Damodar	Durgapur U/s	7.48	8.2	2.4	3200	2000	21
	Damodar	Raniganj D/s	7.5	8.3	2.25	3300	2100	26
	Damodar	Water intake point for Burdwan Town	7.12	8.3	2.15	2200	1400	17
V	Dwarka	Upstream of Tarapith at Sadhak Bamdeb ghat	7.85	7.9	2.45	3900	2600	17
	Dwarka,	Downstream of Tarapith Satighat	7.9	7.8	2.75	4900	2200	27
V	Barakar	Asansol	7.75	8.4	2.25	2700	1700	27
V	Rupnarayan	Geonkhali	8.4	7	1.7	6300	3200	93
	Rupnarayan	Kolaghat (Down Stream)	8	7.5	2.9	8400	4600	140
V	Dwarakeshwar	Bankura town	7.84	8.3	2.2	3200	1700	20
V	Teesta	At Jalpesh	7.65	8.6	2.1	50000	7000	33
	Teesta	At Sevoke	7.41	8.2	1	13000	3000	15

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

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

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.

Annexure-D

Site Inspection Report.Month-December2023

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

1. Physical progress of the operationalSTPs.

Sl. No.	Location	ULB Jurisdiction	Capacity in MLD	Actual utilization at present	Reasons for underutilization if any	Status of installation of OCEMs	Status of House Connection (if any)	Incremental progress over the last visit
1	Bhatpara	Bhatpara	60.50	26.72	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	19.00	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	3.56	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	5.71	Only for available drain connection	Not install till now	Total Connection 13200 House pit constructed -11524 nos IP constructed -4997 Connection made to the source : 1312	Under O&M HDPE PIPELINE = 100 Mtr. Jack Push work : 10 Mtr. Manhole : 8 nos IP : 8 nos
5	Barrackpore	Barrackpore	24.0	7.1	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 23100 nos House connections out of 35000. Achieved Chamber up to 30.11.2023 is 39500 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	5.25	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 24677 Full completed 14157	Operation & Maintenance work for STP started.
7	Bandipur (Khardah)	Khardah	14.00	12.00	a. Necessary permission from railway to rectify/restore the leakage of rising main pipe yet not receive from the competent authority till to date.	Not install till now	NA	Operation & Maintenance work for STP started.
8	Garulia	Garulia	4	3.5	a. Irregular/inadequate pumping due pump break down etc may cause deficit in inlet discharge. b. Irregular cleaning of Debitola Pacha Khal from others authority causing chokage of inlet screen causing	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
					deficit in adequate inlet discharge.			
9	Naihati	Naihati	6.50	0.00	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	9.25	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	10.50	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	6.75	a. Irregular pumping and operation due to existing	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
					labour/operator/worker issues.			
13	Baidyabati	Baidyabati	6.00	4.37	-	Not install till now	NA	Operation & Maintenance work for STP started.
14	Bhadreswar	Bhadreswar	7.60	3.58	-	Not install till now	NA	Operation & Maintenance work for STP started.
15	Chandannagar	Chandannagar	22.66	11.00	During dry season level of water reduces accordingly.	Not install till now	NA	Operation & Maintenance work for STP started.
16	Bansberia	Bansberia	0.30	0.32	NA	Not install till now	NA	Operation & Maintenance work for STP started.
17	Uttarpara - Kotrung and Konnagar	Kanaipur Gram Panchayet	22.00	0.00	NA	Not install till now	NA	Trial run started from 27.07.2022) cleaning, repairing & renovtion of network- is under progress.
18	Nabadwip	Nabadwip	9.50 MLD	7.50	Actual capacity will reached in the year 2051	Installed	NA	O&M started from 01/07/2022
19	Kanchrapara	Kanchrapara	18.00 MLD	7.61	-	Not install till now	-	Trial & Run started from 01/09/2022

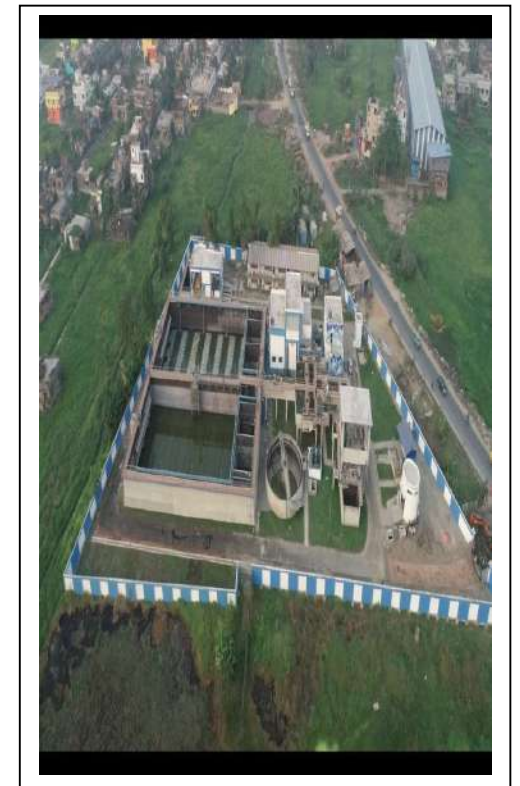
**SITE VISIT PHOTOGRAPH OF STP UNDER OPERATION& MAINTENANCE STAGE IN
December 2023**



KALYANI



KALYANI



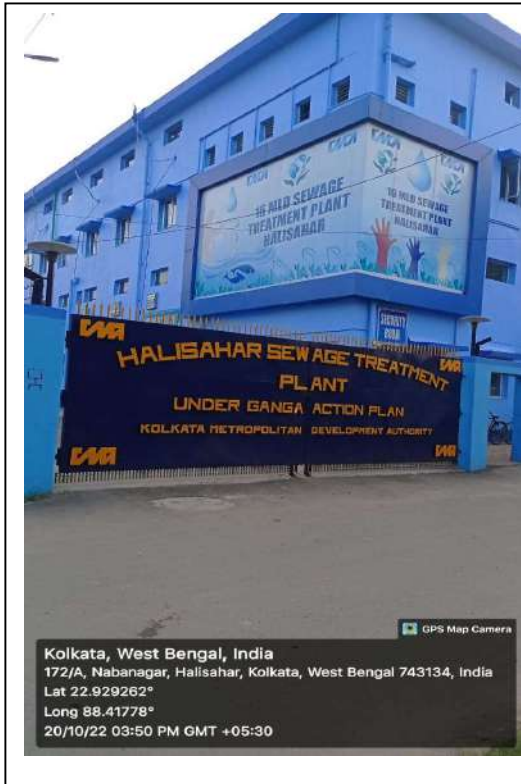
BARRACKPORE



Chlorination Building



GAYESHPUR



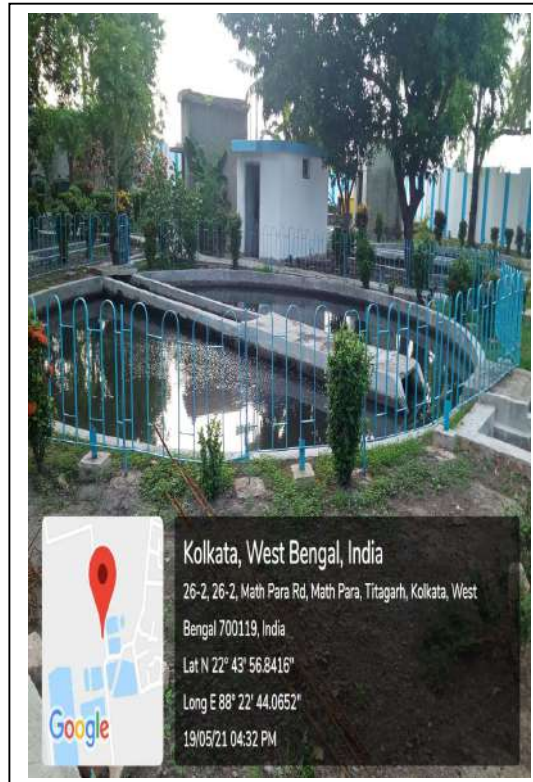
HALISAHAR



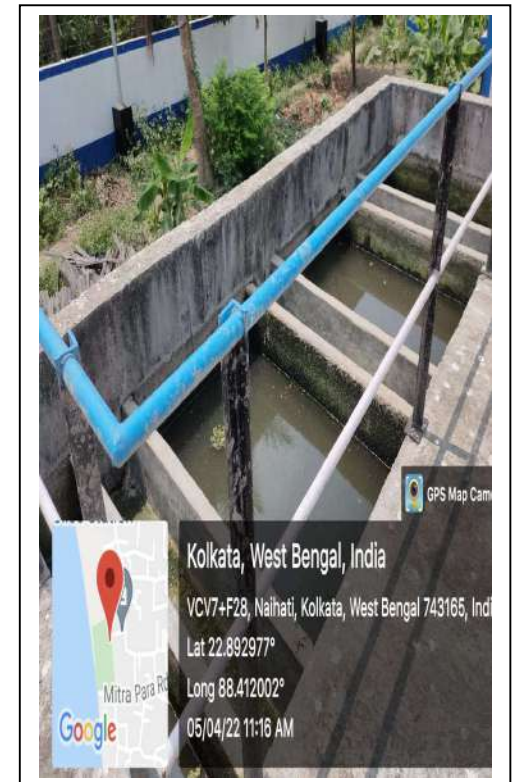
KALYANI



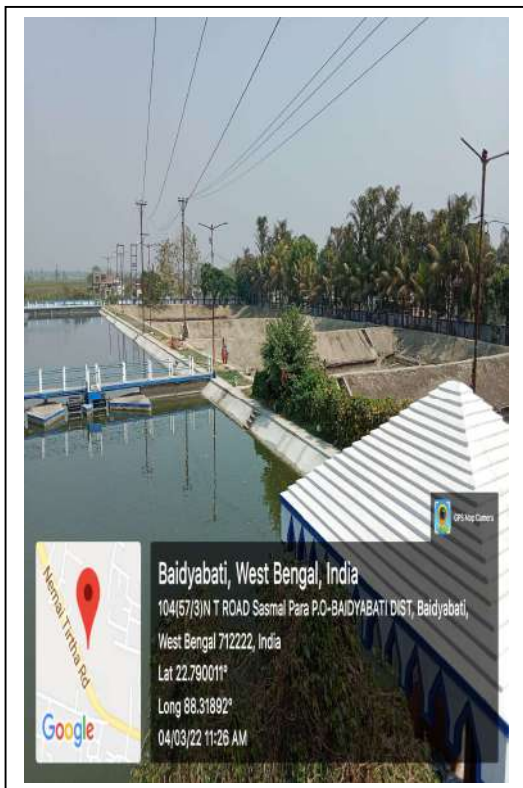
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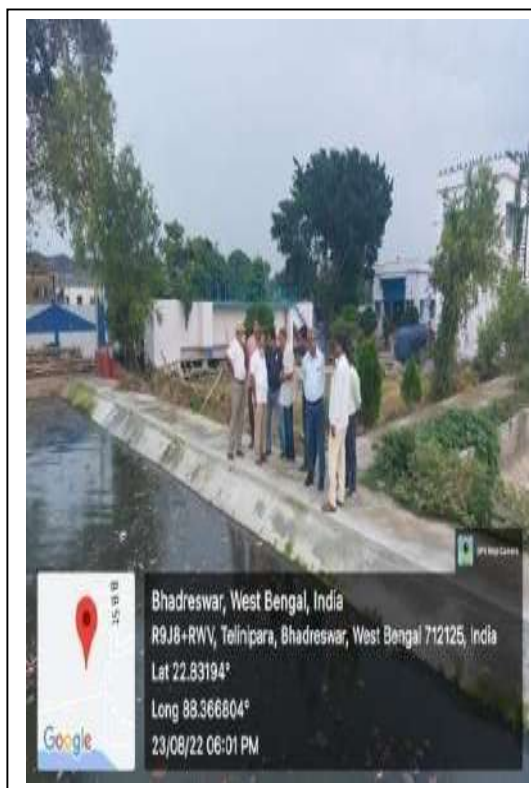
TITAGARH



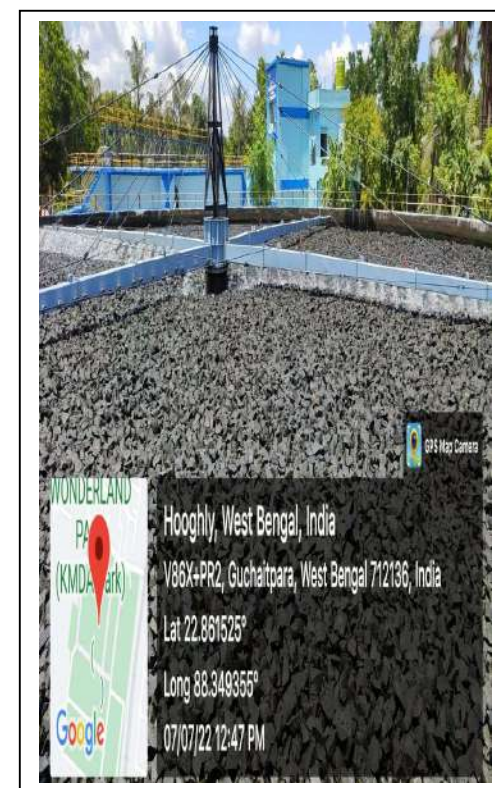
NAIHATI



Baidyabati



Bhadreswar



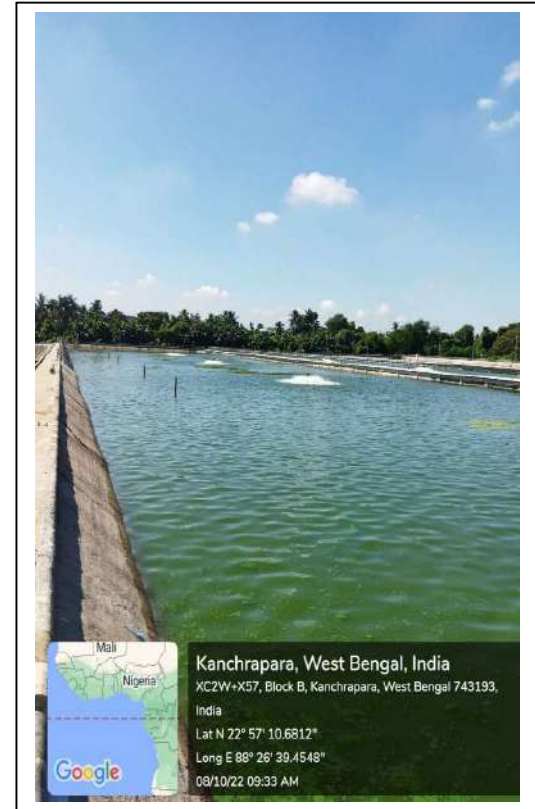
Chandannagore



NABADWIP



Kanuipur STP



KACHRAPARA

1. Status of the non-operational STPs.

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

2. STPs under different stages of execution.

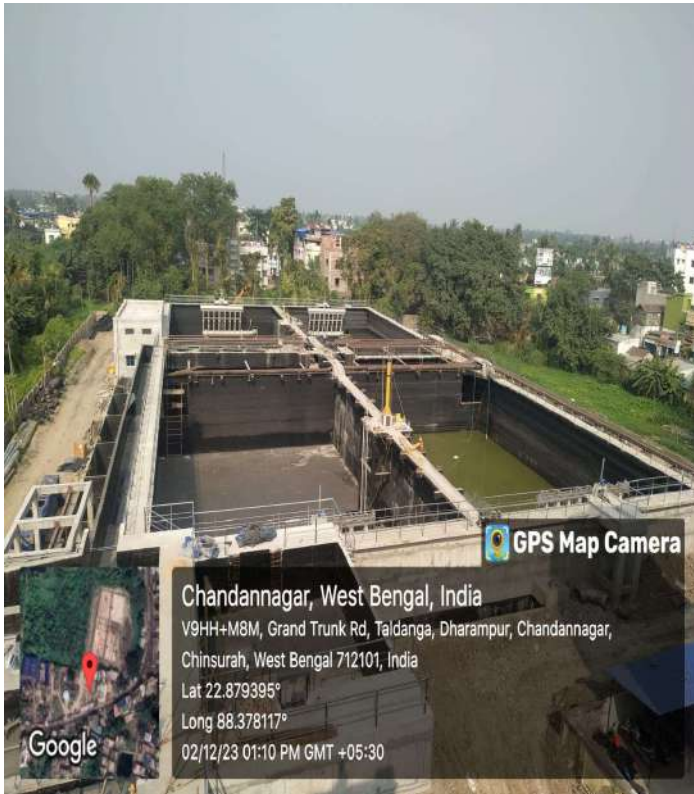
Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
1	Hooghly	Hooghly	26.50	MAR-2024	Progress as on 30.12.2023 for civil parts 82% E & M -85% Over all progress 83% (Including E&M). 1) SBR Basin water tightness test going on. 2) Chlorination tank water tightness test going on 3) Sewerage network design as well as structural design are going on. 4) Admin building super structure going on. 5) 500 dia D.I pipe is laying on almost completed & Laying of 600 mm dia DI PIPE going on. 6) LS3 work going on 7) Jack pushing is going on.	1%

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
					8) MPS work is going on	
2	Jangipur	Jangipur	8.00 MLD	MAR-2024	<p>Overall Physical Progress upto 31.12.2023 : 57.3%(Considering actual E&M Progress)</p> <p>Raghunathganj:</p> <p>Construction of STP Physical progress- Civil Work 82.4% completed</p> <p>i) SBR Basin: Civil Work- 98% Completed.</p> <p>ii) Inlet Chamber: Civil Work- 96% Completed.</p> <p>iii)MCC- Blower Room: Civil Work-91% Completed.</p> <p>iv) Centrifuge House of STP: Civil Work- 96% Completed.</p> <p>v) Chlorination Building : Civil Work-97% Completed.</p> <p>vi) CCT room: Civil Work-96% Completed.</p> <p>vii) MPS- 1no. Civil Work-72%</p> <p>viii) Boundary wall- 65%</p> <p>1) LS at Global More: Civil work 38.3% completed.</p> <p>2) UGLS at SHibaji Sangha: NOC issued on 01.02.2022., Drawing & Design is under progress.</p> <p>3) UGLS at Balighata: NOC has been issued on 07.07.2022. Drawing & Design is under progress.</p>	1% incremental increase
3	Raghunathganj	Jangipur	5.00 MLD	MAR-2024	<p>Overall Physical Progress upto 31.12.2023 : 57.3%(Considering actual E&M Progress)</p> <p>Raghunathganj:</p> <p>Construction of STP Physical progress- Civil Work 82.4% completed</p> <p>i) SBR Basin: Civil Work- 98% Completed.</p> <p>ii) Inlet Chamber: Civil Work-</p>	2% incremental increase

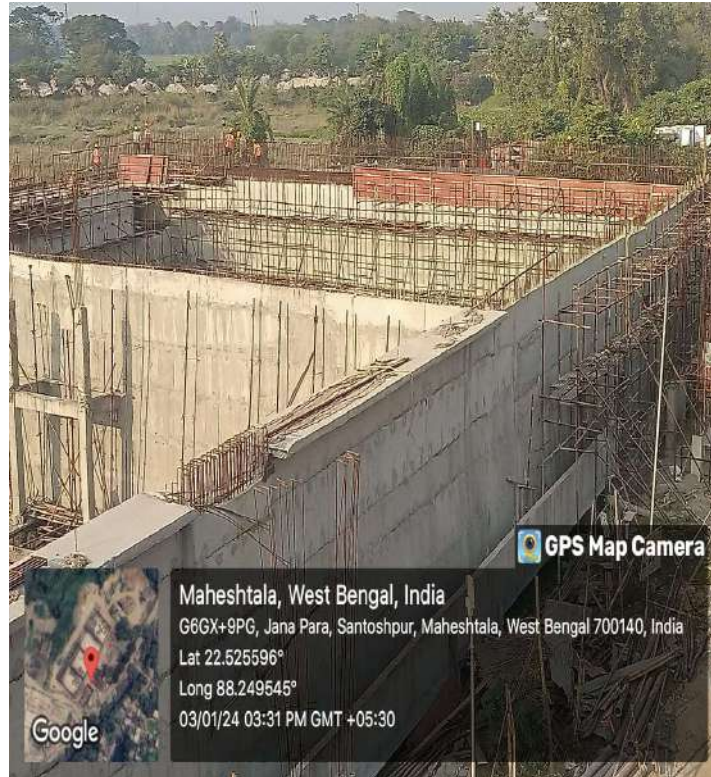
Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
					<p>96% Completed.</p> <p>iii) MCC- Blower Room: Civil Work-91% Completed.</p> <p>iv) Centrifuge House of STP: Civil Work-96% Completed.</p> <p>v) Chlorination Building : Civil Work-97% Completed.</p> <p>vi) CCT room: Civil Work-96% Completed.</p> <p>vii) MPS- 1no. Civil Work-72%</p> <p>viii) Boundary wall- 65%</p> <p>1) LS at Global More: Civil work 38.3% completed.</p> <p>2) UGLS at SHibaji Sangha: NOC issued on 01.02.2022., Drawing & Design is under progress.</p> <p>3) UGLS at Balighata: NOC has been issued on 07.07.2022. Drawing & Design is under progress.</p>	
4	Berhampore	Berhampore	3.50 MLD	MAR-2024	<p>As per proposed revised BOQ</p> <p>Physical Progress upto 31.12.2023 : 50.72% (Considering actual progress as received from E&M Sector)</p> <p>Construction of STP Physical progress- Civil Work 58.6% Completed.</p> <p>i) SBR Basin: Civil Work-97% Completed.</p> <p>ii) MPS- 39% Completed</p> <p>iii) Centrifuse House- 83% Completed</p> <p>iv) Inlet Chamber- 88% Completed</p> <p>v) MCC Blower Room- 51% Completed.</p> <p>v) Boundary Wall- Civil work- 75 m/240m Completed</p> <p>LS at Kapiler Math: Civil work Progress-39%</p> <p>LS near DM Bungalow: Civil work Progress-39%</p>	6% incremental increase

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
					UGLS at Battala: 70% civil work completed. Network: 83.5% 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 excluding finishing (Only civil work):97.58% STP:99.17% Network: Manhole Rising 100% LS MPS Repair 86% Desilting 100% Pipe Laying 98%	1% incremental increase
6	Arupara	Howrah	65.00	Sept.-2023	Overall progress excluding finishing (Only civil work):99.83% STP : 99.67% Network: Manhole Rising 100% LS MPS Repair 100% Desilting 100% Pipe Laying 100%	1 % incremental increase
7	Mathkal	Baranagar	60.00	Sept.-2023	Overall progress excluding finishing (Only civil work):99.91% STP :99.83% Network: Manhole Rising 100% LS MPS Repair 100% Desilting 100% Pipe Laying 100%	1 % incremental increase
8	Maheshtala	Maheshtala	35.00	June 2024	Total:-45.55% completed till 31-12-23 consisting of :- 1. 25.14% of STP Civil Process unit. 2. 2.92% of Office Building & Staff Quarter 3. 11.14% of Supply of Electromechanical	5 % incremental increase

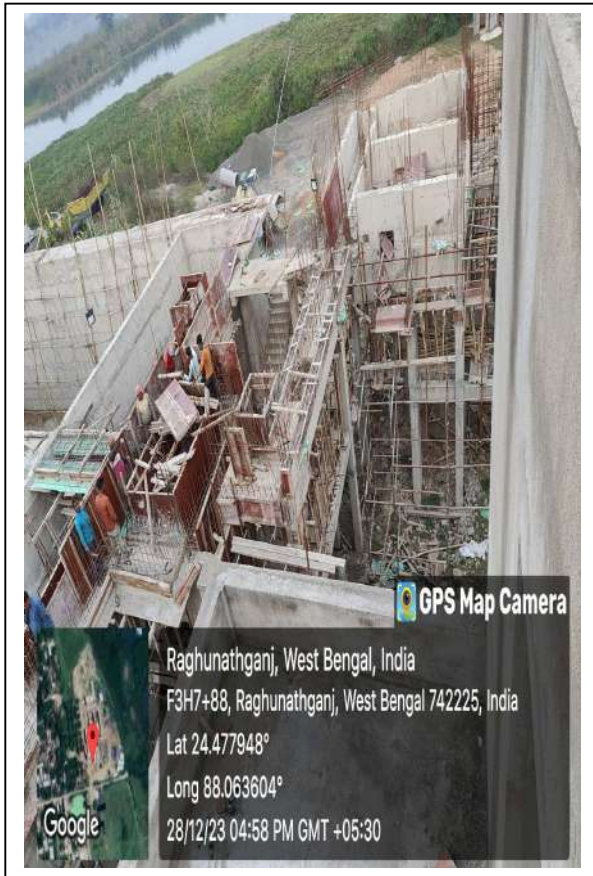
Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
					<p>Items.</p> <p>4. 6.35% of Associate Infra Civil Structure & pipe Laying works.</p> <p>SBR Basin:-Wall & Platform concreting in progress.</p> <p>CCT:- 1st floor slab shuttering WIP.</p> <p>SHU:- Work up to plinth 100% completed. Column above plinth in building portion WIP.</p> <p>PTU:- Pile Cap & Tie Beam 100% completed.</p> <p>Column & beam WIP.</p> <p>Admin Building:- Brick work and plastering WIP.</p> <p>Staff Quarter:- Brickwork & Plastering work is 100% completed.</p> <p>Pipelaying:- 3.6 Km completed.</p> <p>LS2- Sheetpile WIP.</p> <p>LS-2A & LS-3:- Wellsinking WIP.</p>	
9	North Barrackpore	North Barrackpore	38.00	04-10-25	<p>Total:-10.90% completed till 31-12-23 consisting of :-</p> <p>SBR Basin:-Piling work in progress</p> <p>CCT:- RCC Design and Drawings approved by IIT</p> <p>SHU:-- RCC Design and Drawings approved by IIT.</p> <p>PTU:- Design and Drawings approved</p> <p>CW: Design and Drawings approved</p> <p>Raw Sewage Sump and Pump House : Approval is in progress</p> <p>Admin Building:-- RCC Design and Drawings approval pending in IIT.</p> <p>Staff Quarter:- - RCC Design and Drawings approval pending in IIT</p>	8%



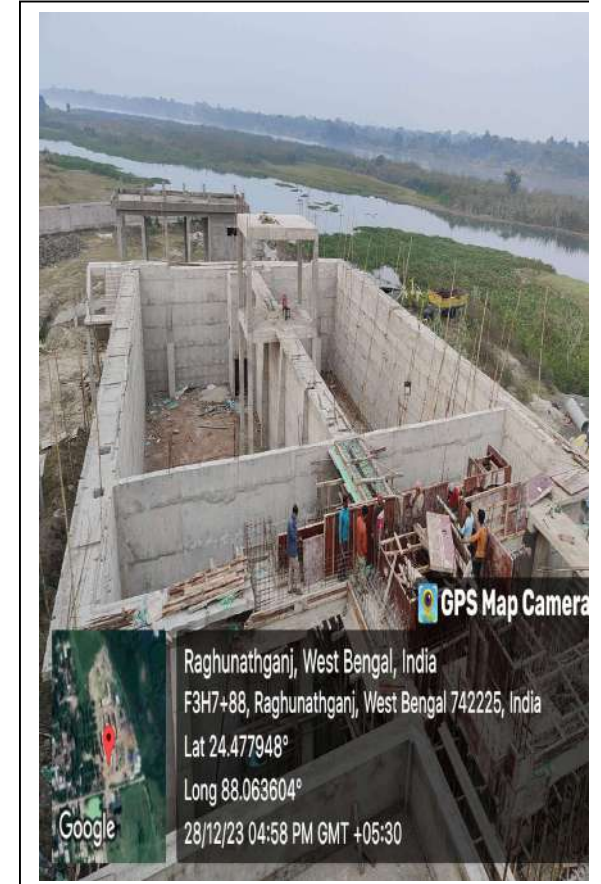
Hooghly Chinsurah



Maheshtala



RAGHUNATHGUNJ STP SITE



RAGHUNATHGUNJ STP SITE

JIAGUNJ

3. Status of Polluted Drains discharging to river Ganga.

SI no.	Name of drain	City/ Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
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.

SI no.	Name of drain	City/ Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
				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

SI no.	Name of drain	City/Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
				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

SI no.	Name of drain	City/ Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
						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

SI no.	Name of drain	City/ Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
22.	ChitpurGhat Khal/ Circular Canal	Chitpur	458.6 MLD	KMC area connected with Bangur STP & EKW. (KMC)	No	Under KMC	Under KMC
23.	Cossipore / Kashipur drain	Cossipore	9.5 MLD	Connected to Bangur STP. (KMC)	NO	Under KMC	Under KMC
24.	TelkaGhat 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.	TollyNala	Dahighat, Hastings, Kolkata	844.5 MLD	3 new STPs are proposed (KMC)	Under KMC	Tolly'sNullah is guarded with 8 floating garbage arrester nets at different locations to arrest the floating	Under KMC

SI no.	Name of drain	City/ Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
						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 3bar 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

SI no.	Name of drain	City/ Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
				executed by Ganga STP Project Pvt. Ltd. under HAM.			
31.	Bagherkhal	Kanchrapara	134.50	To be diverted to the ongoing Kanchrapara 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				

SI no.	Name of drain	City/ Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
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

SI no.	Name of drain	City/ Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
					canal/River		
43.	N.C. Pal Khal	Sankrail, Howrah	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.

SI no.	Name of drain	City/ Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
						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.

SI no.	Name of drain	City/ Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
						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 Kanchrapara STP	No	I&D work is under Progress	Nil

SITE VISIT PHOTOS OF OUTFALLS IN AUGUST 2023



GARIFA SOUTH (RAM GHAT)



HALISAHAR DRAIN LOCKGATE

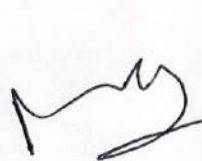
4. Details of Alternate Treatment Technology being adopted in the Polluted River Stretches.

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: 29.12.2023

Name of Reporting Engineer: PRANTIK RAY

Designation: CHIEF ENGINEER

 29/12/23
 Chief Engineer
 Water & Sanitation Sector
 GAP Wing, KMDA

Progress report regarding Solid Waste Management of 43 Ganga Towns up to December, 2023

Sl. No.	Name of the Components	Status	Remarks
1.	100% Scientific Management of municipal Solid waste in Ganga Towns	<p>9(Nine) waste processing plants at Baidyabati, Rishra, Srerampore, Konnagar, Uttarpara Kotrang, Champdany, Haldia, Kolkata MC and Krishnanagar are functioning at present including one no RWMC with SLF has been set up at Baidyabati, that caters six Ganga towns of Hooghly District. Upgradation of the plants has been proposed by the Transaction Advisors engaged for assisting State Govt, towards Scientific planning of SWM.</p> <p>For waste processing unit and O&M : Work order issued for 17 ULBs, Tender in different stages for 17 ULBs and to be processed through SHG mode in 6 ULBs, out of that workorder issued for 3 ULBs. Plant in operation (Krishnanagar and Haldia) and 500 TPD plant is under operation in Kolkata MC.</p> <p>For legacy waste removal through bio mining: Out of 41 dumpsites of 39 ULBs work completed in 24 dumpsites of 20 ULBs, work started in 17 dumpsites of 19 ULBs and remaining are in different stages of tender.</p> <p>Till date 34.44 lakh household bins (green and blue colour) provided to these Ganga Towns and 23684 Community bins (green and blue colour) also provided</p>	Microplanning Organizations have been engaged for assisting State Govt, towards Scientific planning of SWM for each and every ULBs.
2.	Status of open dump sites and GVPs along River Ganga.	There are no open dump sites present along River Ganga.	
3.	Screening arrangements and their regular cleaning at all nullahs in Ganga Towns.	<p>Out of 402 drains discharging to River Ganga 400 Drains on which screens have been provided and they are being cleaned at a regular intervals.</p> <p>In rest 2 no. of drains, screen installation is not technically feasible, bio-remediation & phyto-remediation measures undertaken.</p>	List showing the name of the ULBs with details has been attached.
4.	Regular Ghat cleaning.	100% cleaning operation is being done by all the respective ULBs on regular basis. Bins have been provided at every Ghat.	
5.	Anti littering message	Anti littering messages have been displayed on each and every Ghats.	
6.	Progress in SBM-U matters	<p>ODF status Achieved- Self Declared: 43 ULBs, Gol declared ODF: 38 ULBs</p> <p>Target for IHHL construction-67851 nos</p> <p>IHHL construction Completed=66262 nos (98%)</p> <p>IHHL Geo-tagging Completed-65773 nos</p>	
7	Inspection of Ghats	Report Annexed	

Fresh Waste Processing Status of Ganga Towns

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)	Collection and Transportati on Total In TPD	Waste Processing in TPDTOTAL	Tender Status
1	HOOGHLY	Baidyabati	23	66.45	23	66.45	66.45	65	LoA cum Work Order Issued
2	HOOGHLY	Bansberia	22	40	22	37.00	40	29.5	Work started
3	HOOGHLY	Bhadreswar	22	22.53	22	22.53	22.53	22.53	LoA cum Work Order Issued
4	HOOGHLY	Champdany	22	19.06	22	13.04	3.238	20	LoA cum Work Order Issued
5	HOOGHLY	Chandannagore MC	33	71.44	33	71.44	71.44	71.44	Integrated Fresh Tender to be floated both for Legacy and Fresh Waste
6	HOOGHLY	Hooghly Chinsurah	30	75	30	39.78	75	39.78	Integrated Fresh Tender to be floated both for Legacy and Fresh Waste
7	HOOGHLY	Konnagar	20	25.4	20	24.12	25.4	25	LoA cum Work Order Issued
8	HOOGHLY	Rishra	23	53.87	21	51.97	53.87	45	LoA cum Work Order Issued
9	HOOGHLY	Serampore	29	95	29	18.82	95	78	LoA cum Work Order Issued
10	HOOGHLY	Uttarpara Kotrung	24	89.945	24	89.95	89.945	40	LoA cum Work Order Issued
TOTAL			248	558.695	246	435.095	542.873	436.25	
11	HOWRAH	Howrah MC	50	911	29	206.18	911	10.57	Standalone Tender to be floated. ASCI is preparing the DPR for collection, transportation and setting up Fresh Waste Processing Unit including Waste to Energy Plant for remaining waste at HMC
12	HOWRAH	Uluberia	32	120	32	92.78	120	0	LoA cum Work Order Issued
TOTAL			82	1031	61	298.96	1031	10.57	
13	KOLKATA	Kolkata MC	144	4236	144	1091.00	4236	550	500 MTD Plant in operation. Tender for remaining waste under process
14	MURSHIDABAD	Berhampore	28	100	18	77.00	100	0	Integrated Fresh Tender to be floated both for Legacy and Fresh Waste
15	MURSHIDABAD	Dhulian	21	38.23	4	6.01	38.23	0	Integrated Fresh Tender to be floated both for Legacy and Fresh Waste
16	MURSHIDABAD	Jangipur	21	48	9	19.90	48	0	To be processed through SHG/ HUB & Spoke Model

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)	Collection and Transportati on Total In TPD	Waste Processing in TPDTOTAL	Tender Status
17	MURSHIDABAD	Jiaganj- Azimganj	17	16.33	17	11.17	16.33	0	To be processed through SHG/ HUB & Spoke Model
18	MURSHIDABAD	Murshidabad	16	30.524	16	22.43	30.52	2.5	To be processed through SHG/ HUB & Spoke Model
TOTAL			103	233.084	64	136.513	233.08	2.5	
19	NADIA	Chakdah	21	51	0	0.00	51	0	Standalone Tender to be floated
20	NADIA	Gayeshpur	18	23.477	18	16.50	19.477	0	Standalone Tender to be floated
21	NADIA	Kalyani	21	51	18	26.22	51	2.65	Standalone Tender to be floated
22	NADIA	Krishnanagar	25	150	25	107.06	130	130	Already Existing
23	NADIA	Nabadwip	24	60	24	60.00	60	10.6	Standalone Tender to be floated
24	NADIA	Santipur	24	83	12	31.09	83		LoA cum Work Order Issued
TOTAL			133	418.477	97	240.8689	394.477	143.25	
25	NORTH 24-PGS	Baranagar	34	167	34	150.43	167		LoA cum Work Order Issued
26	NORTH 24-PGS	Barrackpore	24	50	24	50.00	50		LoA cum Work Order Issued
27	NORTH 24-PGS	Bhatpara	35	205	35	205.00	205	15.98	Standalone Tender to be floated
28	NORTH 24-PGS	Garulia	21	35.77	17	24.60	35.77	21	Integrated Fresh Tender to be floated both for Legacy and Fresh Waste
29	NORTH 24-PGS	Halisahar	23	52	23	40.60	52	11.3	Integrated Fresh Tender to be floated both for Legacy and Fresh Waste
30	NORTH 24-PGS	Kamarhati	35	160	28	135.97	160		LoA cum Work Order Issued
31	NORTH 24-PGS	Kanchrapara	24	53.84	19	37.33	53.84	20.33	LoA cum Work Order Issued
32	NORTH 24-PGS	Khardah	22	46.437	22	30.18	46.437		Integrated Fresh Tender to be floated both for Legacy and Fresh Waste
33	NORTH 24-PGS	Naihati	31	107	31	80.55	107	8.76	Work Started
34	NORTH 24-PGS	North Barrackpore	23	73	23	73.00	73		Tender to be floated
35	NORTH 24-PGS	Panihati	35	176	35	129.77	176		After resolving the local issues by the Hon'ble MP (Sri Sougata Roy), decision will be taken.

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)	Collection and Transportati on Total In TPD	Waste Processing in TPDTOTAL	Tender Status
36	NORTH 24-PGS	Titagarh	23	47.7	14	26.00	47.7	5.73	Integrated Fresh Tender to be floated both for Legacy and Fresh Waste
TOTAL			330	1173.747	305	983.4316	1173.747	83.1	
37	Purba BARDDHAMAN	Katwa	20	47.09	10	20.79	47.09		Tender to be floated alongwith Dainhat in Cluster
38	PURBA MEDINIPUR	Haldia	29	168	29	68.00	168	80	Already Existing
39	SOUTH 24-PGS	Budge Budge	20	30	8	16.14	27.13	28.54	LoA cum Work Order Issued
40	SOUTH 24-PGS	Diamond Harbour	16	19.53	16	12.68	19.53	12.69	Work Order Issued for soil testing, designing, drawing and estimate including vetting by JU for SHG Mode ULBs in Fresh Waste Processing
41	SOUTH 24-PGS	Maheshtala	35	210	22	159.60	210	27.32	LoA cum Work Order Issued
42	SOUTH 24-PGS	Pujali	16	12.63	4	2.90	12.63	2.53	Work Order Issued for soil testing, designing, drawing and estimate including vetting by JU for SHG Mode ULBs in Fresh Waste Processing
TOTAL			87	272.16	50	191.32	269.29	71.08	
43	UTTAR DINAJPUR	Raiganj	27	95	17	44.50	95		Soil testing completed, Designing, drawing and estimate under preparation for SHG Mode ULBs in Fresh Waste Processing
Total			1203	8233.253	1023	3510.48	8190.56	1376.75	

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	Legacy Waste Processed	Acre reclaimed
1	HOOGHLY	Chandannagore MC	1	4.94	2,15,916	Completed	214950	2.91
2	HOOGHLY	Hooghly Chinsurah	1	6.5	1,26,266	Completed	126266	6.00
3	HOOGHLY	Baidyabati	1	52.00	2,20,794	Started		
4	HOOGHLY	Champdany						
5	HOOGHLY	Rishra						
6	HOOGHLY	Serampore						
7	HOOGHLY	UttarparaKotrung						
8	HOOGHLY	Konnagar						
9	HOOGHLY	Bhadreswar	1	0.42	14,238	Started	2150	0.1
10	HOOGHLY	Bansberia	2	2.79	7354.00	Tender finalised		
TOTAL			6	67	242386	0	343366	9
11	HOWRAH	Howrah MC	1	21.99	9,61,567	Started	8230	1.0
12	HOWRAH	Uluberia	2	6.50	28394.00	Completed	28394	6.5
TOTAL			3.00	28.49	989961.00	0.00	36624.00	7.50
13	KOLKATA	Kolkata MC	2	79.00	4150000.00	Started	812000	18.00
14	MURSHIDABAD	Berhampore	1	2.16	1,23,981	Completed	150005	2.00
15	MURSHIDABAD	Dhulian	1	2.00	2068	Started	0	
16	MURSHIDABAD	Jangipur	1	0.28	3211.21	Completed	3200	0.28
17	MURSHIDABAD	Jiaganj-Azimganj	1	3.00	19,426	Completed	18024	3
18	MURSHIDABAD	Murshidabad	1	5.38	94,059	Completed	0	5.38
TOTAL			5	12.82	242745.21		171229	10.66
19	NADIA	Gayeshpur	2	5.00	12465.00	Completed	12465	5
20	NADIA	Kalyani	2	14.00	60543.00	Completed	55121.91	14
21	NADIA	Krishnanagar	1	8.00	51802	Completed	50942	8
22	NADIA	Nabadwip	1	12.35	83967	Completed	83967	12.35
23	NADIA	Santipur	1	4.55	22097	Completed	21873	4.55
24	NADIA	Chakdah	1	5.00	19426	Started		
TOTAL			8	48.897798	250300		224368.91	43.9

SL. No.	District	ULB	No. of Dump sites	Area (In Acre)	Estimated Quantity of Legacy Waste (in MT)	Status	Legacy Waste Processed	Acre reclaimed
25	NORTH 24-PARGANAS	New Barrackpore	1	22.68	854726	Started	674254	11.75
26	NORTH 24-PARGANAS	Baranagar						
27	NORTH 24-PARGANAS	Bhatpara	2	2.57	58260.00	Completed	58100	2.57
28	NORTH 24-PARGANAS	Garulia	1	1.8	52,449	Started	22650	0.50
29	NORTH 24-PARGANAS	Halisahar	1	0.84	6799	Started	2290	0.34
30	NORTH 24-PARGANAS	Kamarhati	1	8.00	155764	Started	26000	3.00
31	NORTH 24-PARGANAS	Kanchrapara	1	3.00	24,282	Completed	24082.6	3
32	NORTH 24-PARGANAS	Khardah	1	2.75	46118	Completed	46120	2.34
33	NORTH 24-PARGANAS	Naihati	3	23.94	300000.00	Started	220000	15.12
34	NORTH 24-PARGANAS	Panihati	1	1.50	51767	Completed	51769	1.5
35	NORTH 24-PARGANAS	Titagarh	1	4.9	120886	Completed	119935.00	1.40
TOTAL			13	71.98	1671051	0	1245200.60	41.5219
36	SOUTH 24-PARGANAS	Budge Budge	1	3.48	20,721	Completed	20721	3.48
37	SOUTH 24-PARGANAS	Diamond Harbour	1	2.00	9350	Completed	9350	2
38	SOUTH 24-PARGANAS	Maheshtala	1	19.61	2,30,517	Completed	230622	19.61
TOTAL			3	25.09	260588		260693	25.09
39	PURBA BARDHAMAN	Katwa	1	2.00	3885	Started		
TOTAL			41	334.92	7810916		3093481.51	156

Status of supply of SWM Vehicles and Equipments

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

Status Report for Installation of Screen at the Drains

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

IHHL and ODF Status : 43 ULBs (Ganga Town)
1. ODF Inspection done by Gol Third Party Org. - 38 ULBs
2. ODF Declared by Gol Third Party Org.- 38 ULBs
3. Self Declared as ODF- 43 ULBs
4. ODF Inspection need to be done-5 ULBs

Sl No	District	ULB	Initial Target	Final Revised Target	Construction completed	Online uploaded	ODF Inspection done by Gol Third Party Org.	ODF Certified by Gol Third Party Org.	Self Declared as ODF
1	HOOGHLY	Baidyabati	1303	632	632	629	Yes	Yes	Yes
2	HOOGHLY	Bansberia	2993	1140	1140	1140	Yes	Yes	Yes
3	HOOGHLY	Bhadreswar	3006	1200	1200	1200	Yes	Yes	Yes
4	HOOGHLY	Chandpany	2666	2315	1780	1633	Yes	Yes	Yes
5	HOOGHLY	Chandannagore MC	2860	144	144	144	Yes	Yes	Yes
6	HOOGHLY	Hooghly Chinsurah	6355	710	707	651	Yes	Yes	Yes
7	HOOGHLY	Konnagar	409	47	47	47	Yes	Yes	Yes
8	HOOGHLY	Rishra	1716	616	616	616	Yes	Yes	Yes
9	HOOGHLY	Serampore	1821	582	547	547	Yes	Yes	Yes
10	HOOGHLY	Uttarpara Kotrung	2409	183	183	183	Yes	Yes	Yes
11	HOWRAH	Howrah MC	6822	0	0	0	No	Not visited Gol Third Party Org.	Yes
12	HOWRAH	Uluberia	8837	8670	8670	8670	Yes	Yes	Yes
13	KOLKATA	Kolkata MC	68868	0	0	0	No	Not visited Gol Third Party Org.	Yes
14	MURSHIDABAD	Berhampore	1953	2837	2837	2837	Yes	Yes	Yes
15	MURSHIDABAD	Dhulian	6104	7990	7990	7990	Yes	Yes	Yes
16	MURSHIDABAD	Jangipur	2132	2702	2702	2702	Yes	Yes	Yes
17	MURSHIDABAD	Jiaganj-Azimganj	1888	2017	2017	2017	Yes	Yes	Yes
18	MURSHIDABAD	Murshidabad	1221	1500	1500	1500	Yes	Yes	Yes
19	NADIA	Chakdah	495	705	517	436	Yes	Yes	Yes
20	NADIA	Gayeshpur	574	519	519	519	Yes	Yes	Yes
21	NADIA	Kalyani	659	654	654	651	Yes	Yes	Yes
22	NADIA	Krishnanagar	1736	1817	1817	1817	Yes	Yes	Yes
23	NADIA	Nabadwip	2454	2454	2454	2454	Yes	Yes	Yes
24	NADIA	Santipur	2629	1852	1852	1852	Yes	Yes	Yes
25	NORTH 24-PGS	Baranagar	1355	516	516	516	Yes	Yes	Yes
26	NORTH 24-PGS	Barrackpore	2115	335	300	300	Yes	Yes	Yes
27	NORTH 24-PGS	Bhatpara	2346	1618	1575	1398	Yes	Yes	Yes
28	NORTH 24-PGS	Garulia	1323	222	222	222	Yes	Yes	Yes
29	NORTH 24-PGS	Halisahar	4502	163	163	163	No	Not visited Gol Third Party Org.	Yes
30	NORTH 24-PGS	Kamarhati	2621	342	300	300	Yes	Yes	Yes
31	NORTH 24-PGS	Kanchrapara	1366	704	704	702	Yes	Yes	Yes
32	NORTH 24-PGS	Khardah	908	208	208	205	Yes	Yes	Yes
33	NORTH 24-PGS	Naihati	1520	1115	1115	1115	No	Not visited Gol Third Party Org.	Yes
34	NORTH 24-PGS	North Barrackpore	2132	302	302	302	Yes	Yes	Yes
35	NORTH 24-PGS	Panihati	4193	1000	1000	985	Yes	Yes	Yes
36	NORTH 24-PGS	Titagarh	440	440	440	438	Yes	Yes	Yes
37	PURBA BARDHAMAN	Katwa	832	1232	1232	1232	Yes	Yes	Yes
38	PURBA MEDINIPUR	Haldia	2813	2813	2813	2813	Yes	Yes	Yes
39	SOUTH 24-PGS	Budge Budge	2707	977	977	977	Yes	Yes	Yes
40	SOUTH 24-PGS	Diamond Harbour	896	1595	1595	1595	Yes	Yes	Yes
41	SOUTH 24-PGS	Maheshtala	45658	6562	6562	6562	Yes	Yes	Yes
42	SOUTH 24-PGS	Pujali	716	510	510	510	Yes	Yes	Yes
43	UTTAR DINAJPUR	Raiganj	5431	5911	5203	5203	No	Not visited Gol Third Party Org.	Yes
			215784	67851	66262	65773	Yes=38 No=5	Yes=38	Yes=43



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

No. 194 (2) -RD/PH&S/S/1E-9/2019

Dated 09.01.2024

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

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

Sub: Status report on SLWM Ganga bordering GPs for Oct,23 to Dec,23- reg.

Madam/ Sir,

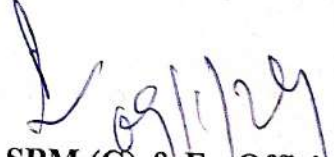
With reference to the subject cited above, please find status report on Solid & Liquid Waste Management (SLWM) for the month of Oct,23 to Dec, 2023 in respect of Ganga bordering GPs for your kind perusal.

Yours faithfully,

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

**Status report on solid waste management in 224 Ganga bordering GPs (also LWM)
As per O.A 200/2014 (as on 31.12.2023)**

Sl. No.		Item	Oct,23-Dec ,23
1	General Profile	No. & Name of Districts involved	7
2		No. of Blocks involved	47
3		No. of GPs involved	224
4		No. of Sansad involved	3,539
5		No. of total household of Gram Panchayats	11,03,555
6	Progress of SWM	No. of GPs where IEC done	223
7		No. & Name of Districts where SWM activity undertaken	7
8		No. of Blocks where SWM activity undertaken	47
9		No. of GPs where SWM activity undertaken	223
10		No. of GP for which DPR has been prepared	223
11		No. of GP for which DPR has been approved	85
12		No. of GP wherein land has been identified for CPU	76
13		No. of E Cart tender done	832
14		No of e cart work order issued	742
15		E cart purchase/ work completed	506
16		No of segregation cum storage shed community tender done	207
17		No. of GP wherein CPU is under construction	61
18		No. of GP wherein construction of CPU is completed	81
19		No. of GP where CPU is functional	41
20		No of segregation cum storage shed community work order issued	177
24	Progress of LWM	No. of Kitchen Garden	1135
25		No. of(Soak pit & Leach pit)	8154
26		No of (Filter chamber, Constructed Wetland & (DEWATS))	1393


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

Annexure-G

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 October to December 2023) 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			
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			
Ganga (Avenue Plantation)	Barackpore Army area	Indira Gandhi Water Treatment Plant							
					Barrackpore Police Training center				
			Barackpore contonment area						
			Kendriya vidyalaya						
						> 3Ha. Plantation completed > 1st year maintenance work done.			

[Signature]
 11/01/2024
 Chief Conservator of forests, Special Development
 Project & Member Secretary, WBSFDA

O.A. 200 up to 31st December 2023**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

2. 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

3. 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

4. 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

5. 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

6. Reuse of treated water

Not applicable for Agriculture Department

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

7. Ground water regulation :- Not applicable for Agriculture Department

8. 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	74	3.24	1547657.2	84329.1	843633.24
		Bagnan-II	43	4.00	925014.6	71874	261360
		Uluberia-I	5	0.43	75963.25	0	73945.3
	South 24-Parganas	Budge Budge-I	17	0.76	354610.55	0	101640
		Budge Budge-II	9	1.33	146367.4	0	0
	North 24-Parganas	Barrackpur-II	47	2.17	839290.7	0	0
	Total			259	16.39	5606429.9	156203.1

9. Rain water harvesting :- Nil

River	Details of rain water harvesting

10. Demarcation of Floodplain and removal of illegal encroachments

Not applicable for Agriculture Department

River	Details of demarcation of floodplain and removal of illegal encroachments

11. Maintaining minimum e-flow of river

Not applicable for Agriculture Department

River	Maintaining minimum e-flow of the river

12. Plantation activities

Not applicable for Agriculture Department

River	Details of plantation activities along the river

13. 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