

Nandini Ghosh, IAS
Senior Special Secretary



DEPARTMENT OF URBAN
DEVELOPMENT & MUNICIPAL AFFAIRS
GOVERNMENT OF WEST BENGAL
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Memo No.-163- Sr. Spcl. Secy (NG)

Date: 25.07.2024

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 April 2024 to June 2024 in compliance with the order of Hon'ble NGT under OA - 200/2014.

Sir,


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

Sl. No.	Content	Annexure No.
1.	Main Report	Nil
2.	Sewage Generation Report	I
3.	Good work and efforts	II
4.	STP Progress Report up to June 2024	III
5.	Details of Drains	IV
6.	Drains connected to STPs	V
7.	Report from WBPCB	A
8.	Compulsory Site Inspection Report, KMDA for June 2024	B
9.	SUDA Report	C
10.	Report from P&R D	D
11.	Report from Forest Department	E
12.	Report from Agriculture Department	F
13.	MOM of Hon'ble Chief Secretary's Meeting dated 02.04.2024	G

It may kindly be noted that Annexure- II is an elaborate Report on Monitoring and Review of the ongoing works indicating the all-out efforts taken by the State to curb and arrest pollution in the River Ganga. It is to be most humbly stated that due to sustained efforts in Solid and Liquid Waste Management in the Ganga basin, the Water Quality of Ganga has improved substantially and the river Ganga is now placed in the lesser Priority Category. Initiatives have been taken to empty Faecal Sludge in the functional STPs for co-treatment. Till June 2024, we have emptied 3645.40 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 for the month of June 2024.

This is for your kind perusal.

Yours faithfully,


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

Memo No.:163/1(19)-Sr. Spcl. Secy (NG)

Date:25.07.2024

Copy forwarded for kind information to:

1. Member Secretary WBPCB & Principal Secretary, Environment Department.
2. Principal Secretary, Department of UD MA & Executive Chairperson WBSPMG
3. Chief Executive Officer, KMDA
4. Director General, National Mission for Clean Ganga
5. Executive Director (Projects), National Mission for Clean Ganga.
6. Director, SUDA
7. Municipal Commissioner, Kolkata Municipal Corporation
8. Assistant Project Director, WBSPMG
9. Director Technical, National Mission for Clean Ganga.
10. Dr. A.K.Vidyarthi, Additional Director & Divisional Head, WQM-II, CPCB
11. Special Law Officer, UD & MA Department with a request to kindly forward a copy of the Report Ld. AOR for her kind noting.
12. Director General, GAP Sector, KMDA.
13. Director General, TPDD, KMC.
14. Chief Engineer, GAP Sector, KMDA.
15. Chief Engineer, MED.
16. Chief Engineer, PHE, Department of Public Health Engineering.
17. IT Department, UD & MA for uploading the Report in the NGT portal of our website.
18. OSD to Municipal Commissioner, Kolkata Municipal Corporation, 5, S.N.Banerjee Road, Kolkata-7000013
19. Senior PS to Principal Secretary, UD&MA Department.


OSD, UD MA Department

&

Assistant Project Director, WBSPMG

Main Report

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

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

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

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

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

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25	UDMA	Public awareness and involvement for prevention and control of pollution of Ganga	Intensive IEC activities for all the ULBs situated beside the river Ganga involving all the people to generate public awareness 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 plastic waste within a time frame.	<p>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.</p> <p>2) State level logo and slogan competition has been organized on scientific waste disposal in the month of September, 2019 and December, 2020.</p> <p>3) SHG based publicity campaign in all ULBs was organized in September, 2019. Similar campaigns were there in December, 2020 also.</p> <p>4) Eco friendly products and products from waste materials are being promoted as alternative to plastics through fairs.</p> <p>5) Handbook has been prepared on SWM and leaflets have been circulated to all ULBs.</p> <p>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.</p> <p>i) Capacity building training of the rag pickers have commenced and to be completed shortly.</p>		
26	UDMA	Regulating activities on an around river Ganga including Ghats and other establishments	<p>Katwa have been completed and handed over to the ULBs, 2 Ghats one at Agradwip and another at Daihat are in progress. AA&ES for One Ghat (Prabhupada Ghat under ISCKON) has recently been issued.</p> <p>3 Electric Crematoria (Garulia, Naihati and Bhatpara) have been completed and handed over to the ULBs.</p> <p>9 electric Crematoria have been prioritised and now under feasibility study.</p> <p>The FSSM Policy of the State of WB for urban local bodies has been finalized and in the process of obligation.</p> <p>The major decisions under this policy are:</p> <p>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.</p>			
27	UDMA	Plastic Waste Management	<p>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)</p> <p>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.</p>			
			Activity	Polluted River Stretch/Biodiversity Park		

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

Annexure I

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

I	Estimated Sewage Generation (Based on Estimated population in Urban areas as on 2022 taking 2011 census as base.)	1401 MLD (Kolkata- 356.1 MLD and 1044.9 MLD for DGCs)
II	Details of Sewage Treatment Plants	
	Existing number of operational STPs and treatment capacity	37 (535.50 MLD)
	Number of STPs under construction	10 (231 MLD)
	Number of STPs under renovation (It includes additional 13 MLD, by way of augmenting Garden Reach STP and Keorapukur STP;	1 (73.00 MLD)*
	Number of STPs under proposal/tendering stage. (It includes additional 9.14 MLD, by way to augmenting Katwa STP)	17 (410.24MLD)**
	Total treatment capacity	1249.74MLD
III	Gap in treatment capacity	151.26 MLD.

Note:

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

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

To address the Gap of 151.26 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.

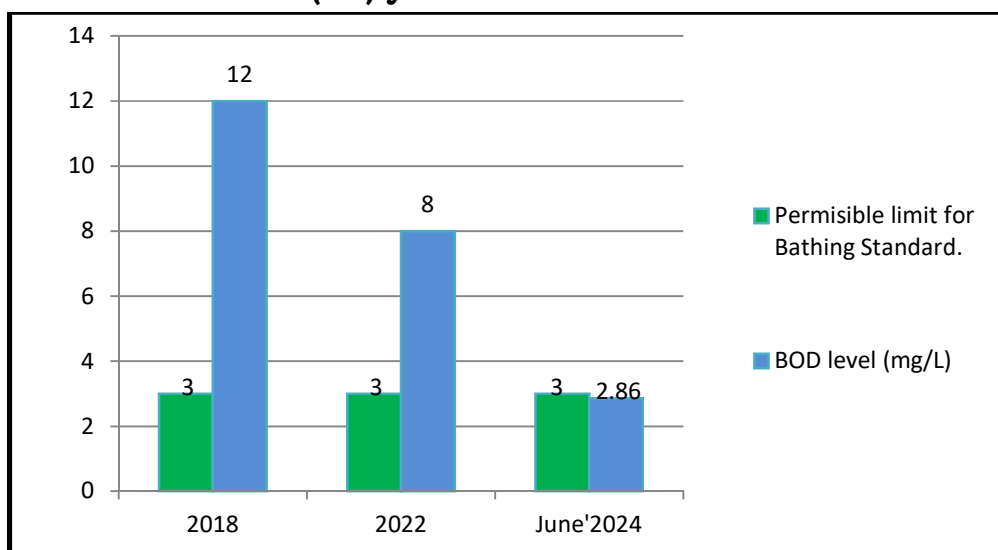
List of Good work and efforts of the State of West Bengal towards Liquid Waste Management in River Ganga

- The Department of UD & MA is closely monitoring the work of pollution abatement in the river Ganga with due care and concern. Review Meetings are being held by the highest authorities at every month to ensure timely completion of each project. Meetings were held under Chairmanship of Hon'ble Chief Secretary, Principal Secretary, Member Secretary WBPCB, and Program Director, WBSPMG on several occasions. (MoM of Chief Secretary's meeting dated: 02.04.2024) (Annexure: G)
- **The Water Quality Data for the month of June, 2024 as received from WBPCB shows remarkable improvement for river Ganga. It is now placed in the least priority category i.e. Category-V (The latest Water Quality Report in report submitted by WBPCB in Annexure – A).**

River	2018		2022		June' 2024	
	Max. BOD (mg/L)	Priority	Max. BOD (mg/L)	Priority	Max. BOD (mg/L)	Priority
Ganga	12.0	III	8.0	IV	2.86	V

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

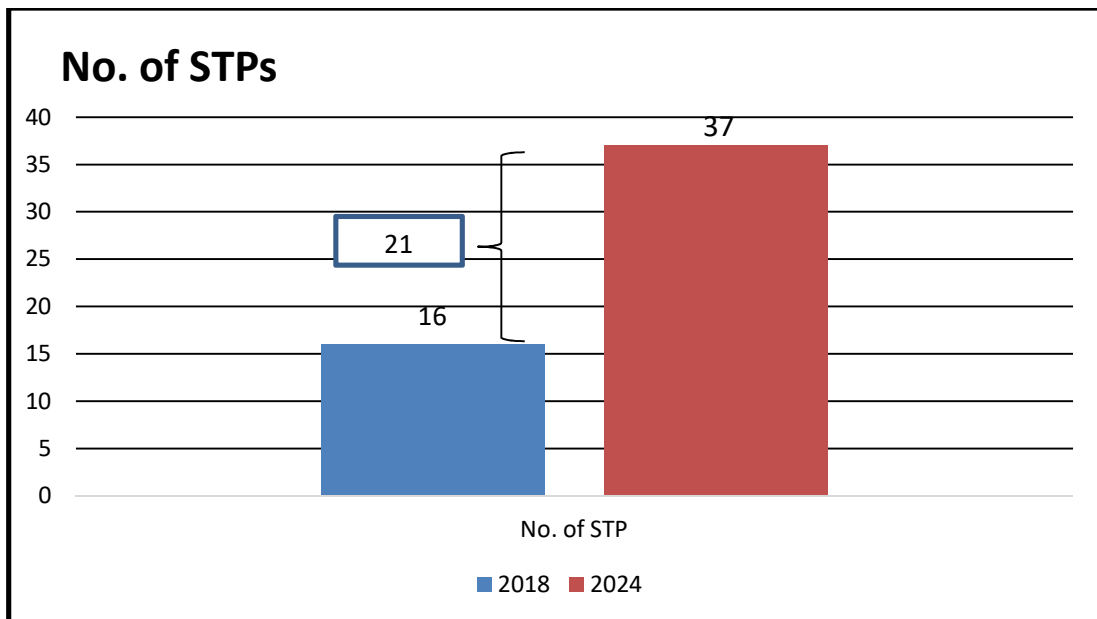
The diagram showing the improvement of Water Quality with respect to BOD level over last Six (06) years.

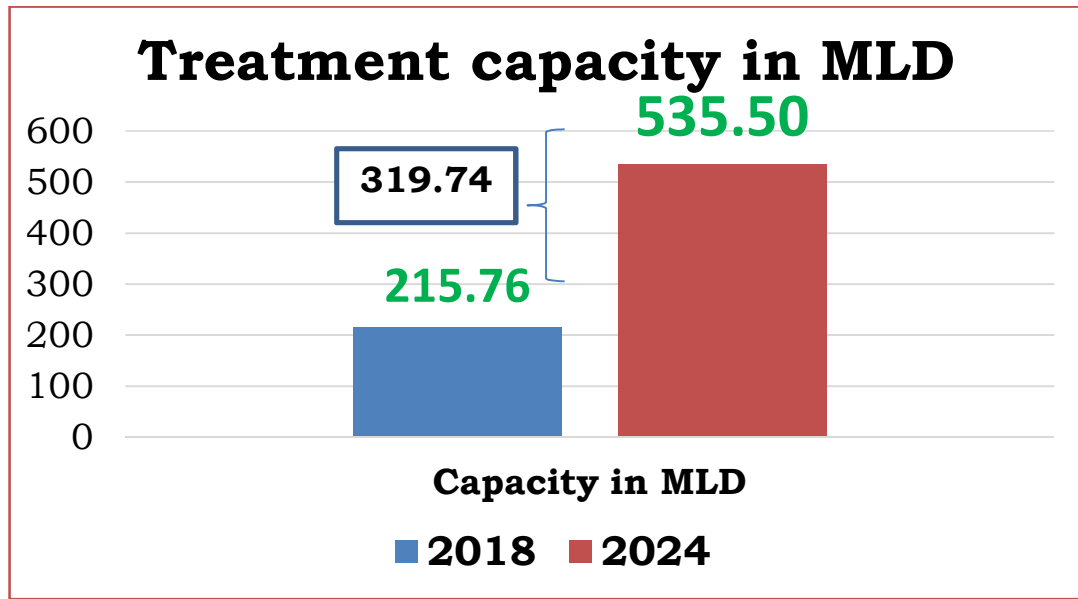


Progress towards completion of Sewage Treatment Plants (STPs) over last Six (6) years.

Over last six years, West Bengal has been successful in completing and commissioning **Twenty-One (21) STPs** and increased the treatment capacity by **319.74 MLD** and this has resulted in successful reduction of BOD in river Ganga.

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





Projection for coming Two (2) years:

Around 11 STPs with a total treatment capacity of 291 MLD is likely to be completed in next two years.

Status of Faecal Sludge & Septage Management

- ❖ For effective and comprehensive management of Sewage and Septage with an aim to reduce Faecal Coliform in River Ganga Department of UD & MA Faecal Sludge and Septage Management Policy has been framed and notified by the Department vide Memo No. 33-UDMA/24011(99)/66/2021 dated 25.05.2022.
- West Bengal is already having two (02) Fully Operational Faecal Sludge Treatment Plants (FSTP) each having a capacity of 30 KLD at Promodnagar Cluster catering the Septage from the Ganga towns of North 24 Parganas district.
- FSTP in Bansberia (15 KLD) is under Tendering Stage.
- KMDA has submitted Detail Project Reports (DPR) on FSTP for Uttarpara, Ranaghat and Pujali Municipalities to NMCG which are under examination.
- Under Performance Based Incentive Grant (PBIG), FSTPs for Bhadreswar and Garulia Municipalities are under examination of NMCG.

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

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

Total Septage emptied upto 31.06.2024 in the functional STPs by ULBs as below:

Sl. No.	Name of ULB	Functional STP	No of Cesspool emptier available	Co- Treated Sludge (KL)
1	Gayeshpur	Gayeshpur STP (8.33 MLD)	13 nos.	69.00 KL
2	Halisahar	Halisahar STP (16 MLD)	2 nos.	260.80 KL
3	Budge Budge	Budge Budge STP (9.30 MLD)	1 no	434.80 KL
4	Nabadwip	Nabadwip STP (9.50 MLD)	3 nos.	228.00 KL
5	Barrackpore	Barrackpore STPs (24 MLD)	2 nos.	1172.80 KL
6	Chandannagar & Chinsurah	Chandannagar STPs (22.66 MLD) & Hooghly-Chinsurah STP (26.5 MLD)	Chandannagar 3 nos. Chinsurah 2 nos	1480.00 KL
Total				3645.40 KL

Incremental Progress over last Report (Jan 2024 to March 2024) is 1107 KL

➤ **End to End solution**

❖ **Sludge Management in functional STPs:**

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

❖ **Re-use of Treated Waste Water**

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

- Presently, state is utilizing Treated Waste Water in Pisciculture, Gardening Road Cleaning.

- East Kolkata Wetlands (EKW) is internationally recognized natural STP treating 910 MLD Sewage of Kolkata which is then getting re-used in Pisciculture. Presently there are around Ten (10) Fishery co-operatives here, utilizing this Waste Water and generating livelihood for local people.
- DVC has mapped proposed STPs at Asansol & Durgapur for re-use of Treated Waste Water in their Durgapur Steel Thermal Power Station (DSTPS)
- Presently 10% - 20% of the Treated Waste Water is being reused for various purposes in the state as per mandate of Safe Re-Use of Treated Waste Water Policy of GoI.

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

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

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

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

➤ **Styrofoam Waste Processing Facility:**

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

➤ **Flower Waste Processing Facility:**

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

➤ **Plastic Waste Processing Facility:**

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

➤ **IEC Activities:**

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

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

Photographs of some IEC initiatives of WBSPMG

Mission Life campaign, 2024





GPS Map Camera



Hooghly, West Bengal, India
P9C4+94V, Bangur Park, Rishra, West Bengal 712248, India
Lat 22.720865°
Long 88.355381°
03/06/24 12:02 PM GMT +05:30



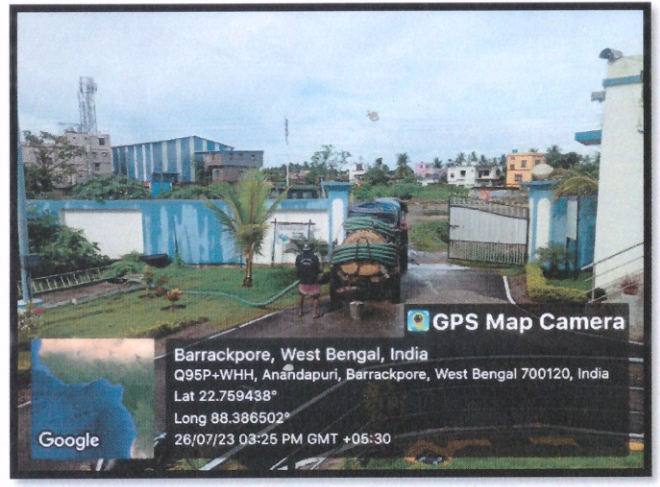
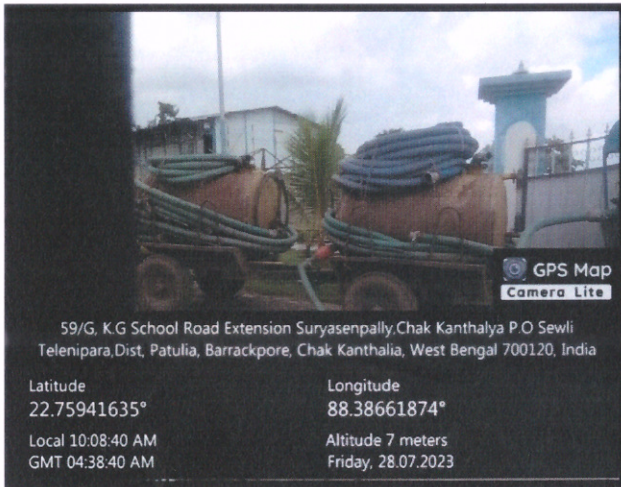
GPS Map Camera

Hooghly, West Bengal, India
Bidhan Chandra College, 31, Grand Trunk Rd, Bangur Park, Rishra, West Bengal
712248, India
Lat 22.722308°
Long 88.355023°
03/06/24 02:51 PM GMT +05:30

International Yoga Day, 2024



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



❖ Photographs of Re-use of Treated Waste Water



(Handwritten Signature)

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

Annexure-III, Quarterly Progress (April 2024 to June 2024) Report

Sl. No.	Concerned Department	Topic of Action point for STPs	No of STPs	Targets achieved and the reasons for delay in compliance	Targets not achieved and the revised timelines proposed	Action taken or suggested for violation of timelines or non-achieving of targets
[1]	[2]	[3]	[4]	[5]	[6]	[7]
1		Sewerage System & STP at Kalyani Municipal Town	2	Operation and Maintenance running.	Operational	NA
2		Sewerage System & STP at Gayeshpur Municipal Town	1	Operation and Maintenance running.	Operational	NA
3		Sewerage System & STP at Bhatpara Municipal Town	4	Operation and Maintenance running.	Operational	NA
4		Sewerage System and STP at Halisahar Municipality	1	Operation and Maintenance running.	Operational	NA
5		Sewerage System and STP at Budge Budge Municipality	1	Operation and Maintenance running.	Operational	NA
6		Sewerage System and STP at Barrackpore Municipality	2	Operation and Maintenance running	Operational	NA
7		Pollution Abatement Work for River Ganga at Nabadwip under NGP Scheme	1	Operation and Maintenance running	Operational	NA
8		Pollution Abatement Works for River Ganga at Howrah under HAM	1	Operational.	Operational	NA
9		Pollution Abatement Works for River Ganga at Bally under HAM	1	Operational.	Operational	NA
10		Pollution Abatement Work for River Ganga at Kamarhati & Baranagar under HAM	1	Overall physical progress -96.097% upto 30.06.2024	Proposed timeline- Sept, 2024 (as proposed by Concessionaire)	NA
11		Pollution Abatement works for River Ganga at Kancharapara under DBOT	1	Operation and Maintenance running	Operational	NA
12		Pollution Abatement Work for River Ganga at Berhampore	1	As per proposed revised BOQ Physical Progress upto 30.06.2024 : 55.53%(Considering actual progress as received from E&M Sector) Construction of STP Physical progress- 60.21% 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- 74% Completed. vi) Boundary Wall- Civil work- 120 m/240m Completed LS at Kapiler Math: Civil work Progress-43% LS near DM Bungalow: Civil work Progress-39% UGLS at Battala: 80% civil work completed. I&D Structure: 31.38 % completed. Network: Gravity Sewerage - 83.00% completed Rising main - 98.36% completed.		NA

Sl. No.	Concerned Department	Topic of Action point for STPs	No of STPs	Targets achieved and the reasons for delay in compliance	Targets not achieved and the revised timelines proposed	Action taken or suggested for violation of timelines or non-achieving of targets
[1]	[2]	[3]	[4]	[5]	[6]	[7]
13	Kolkata Metropolitan Development Authority (KMDA)	I & D network for existing drain falling in river Ganga including sewage treatment plant (STP) at Jangipur	2	<p>As per proposed revised BOQ Overall Physical Progress upto 30.06.2024 : 61.43%(Considering actual E&M Progress) for Jangipur & Raghunathganj Raghunathganj: Construction of STP Physical progress- Civil Work 84.60% completed i) SBR Basin: Civil Work- 99% Completed. ii) Inlet Chamber: Civil Work- 98.5%Completed. iii)MCC- Blower Room: Civil Work-93% Completed. iv) Centrifuge House of STP: Civil Work-98% Completed. v) Chlorination Building : Civil Work-98% Completed. vi) CCT room: Civil Work-98% Completed. vii) MPS- 1no. Civil Work-72% viii) Boundary wall- 70%</p> <p>1) LS at Global More: 38.00% completed. 2) UGLS at Shibaji Sangha: NOC issued on 01.02.2022., Drawing & Design is under progress. 3) UGLS at Balighata: NOC has been issued on 07.07.2022. Drawing & Design is under progress.</p> <p>Jangipur: Construction of STP Physical progress- Civil Work 87.70 % Completed i) SBR Basin: SBR wall is under progress.-Civil-99% Completed. ii) Inlet Chamber: Civil- 98% Completed. iii)MCC- Blower Room: Civil Work-95% Completed. iv) Centrifuge House of STP: Civil work-99% Completed. v) Chlorination Building : Civil work-98% Completed. vi) CCT : Civil Work-98% Completed. vii) MPS- 1 no. 88.20% civil work Completed viii) Boundary Wall- Civil work-70% ix) LS at Burning Ghat: 88.10% Completed.</p> <p>I&D Structure (Raghunathganj & Jangipur): 29.00% completed Network (Raghunathganj and Jangipur): Gravity -2850 m completed Rising Main- 1860m Completed</p>	September 2024	NA
14		Pollution Abatement Works for river Ganga at Hooghly Chinsurah	1	<p>Progress as on 30.06.2024 Overall progress - 87.50% (Including E&M). 1) STP 96% completed 2) Sewerage network design as well as structural design are completed and work going on. 3) Admin building finishing work going on. 4)Gravity Network : 5) 67% completed &Rising main 78% completed. LS3 progress- 50%. 6) MPS progress- 99%</p>	Oct-24	NA
15		Pollution Abatement Works for river Ganga at Maheshtala Municipality	1	<p>Overall physical progress:- 76.612% upto 30-06-24 1. STP physical progress - 96.11% completed. 2. Office Building & Staff Quarter -77.895% completed 3. 76.195% of Supply of Electromechanical Items. 4. MPS progress-50.261%.</p> <p>SBR Basin:-Platform & wall 100%completed. Hydro testing of Basin 1 & 2 Completed. CCT:- 1st floor slab casting completed. Brick work & plastering completed. SHU:- 1st floor slab casting 100% completed. PTU:- Grit Chamber side wall WIP. Admin Building:-electrification WIP. Staff Quarter:-electrification WIP. Pipe laying:- Pipe Laying , Hydro testing & Road Restoration WIP. LS 2- 88.772% completed. LS-2A-64.899%completed. LS-3-64.974% completed .</p>	Mar 2025 (Including Trial Run)	NA

Sl. No.	Concerned Department	Topic of Action point for STPs	No of STPs	Targets achieved and the reasons for delay in compliance	Targets not achieved and the revised timelines proposed	Action taken or suggested for violation of timelines or non-achieving of targets
[1]	[2]	[3]	[4]	[5]	[6]	[7]
16		Rejuvenation of existing STP along with Lifting Station & Pumping Station including Sewerage Network and 5 (Five) Years Operation and Maintenance at Baidyabati and Bhadreswar under Hooghly District in West Bengal.	2	Operation and Maintenance running	Operational	NA
17		Rejuvenation of existing STP along with Lifting Station & Pumping Station including Sewerage Network and 5 (Five) Years Operation and Maintenance at Chandannagar and Bansberia under Hooghly District in West Bengal.	3	Operation and Maintenance running	Operational	
18		Rejuvenation of existing STP along with Lifting Station & Pumping Station including Sewerage Network and 5 (Five) Years Operation and Maintenance at Serampore and Champdani under Hooghly District in West Bengal.	2	This project has been shifted from the Rejuvenation category to Augmentation category and in house DPR for STP at Serampur and STP at Champdani are ready . But due to pending NOC from Railway authority DPR could not be submitted.	NA	NA
19		Rejuvenation of existing STP along with Lifting Station & Pumping Station including Sewerage Network and 5 (Five) Years Operation and Maintenance at Uttarpara - Kotrung and Konnagar under Hooghly District in West Bengal.	1	Operation and Maintenance running.	Operational	NA
20		Rejuvenation of existing STPs alongwith Lifting Station and pumping station including network at Garulia (1 no STP), Naihati (2 nos. STP), Panihati (1 no STP), Khardah(1 no STP) and Titgrah (2 nos. STP)	7	Operation and Maintenance running.	Operational	NA
21		Sewerage System and STPs at North Barrackpore	2	1). 30 MLD STP at Babunpur - Overall progress - 32.676% SBR Basin:- Piling of SBR Basins 100% Completed and work upto raft including PCC 100% completed. Raft R.C.C at base level 100% completed. 1st Lift wall at SBR 84.1% completed. 2nd Lift of Wall at SBR 82.69 % completed. 3RD Lift of Wall 82.38% Completed. Final Lift of Wall 56.13% completed. Therefore, ovelall completion of SBR Basins is 11.581%. PU Unit:- Piling of PU Unit 100% Completed. Scour chamber, Pile cap and beam casting is in progress. Work upto plinth 100 % completed. PCC & RCC footing 100% completed., Inlet chamber slab with column & wall 10%, Grit chamber slab with column 10.00% . Overall completion of PU is 0.686%. SHU:- Piling of SHU 100% Completed. Work upto plinth 55.00% completed. Overall Completion of SHU is 0.135%. ADMIN BUILDING:- Piling of ADB 100% completed. Work upto plinth 100% completed. 50% of RCC work 70%. Ovearall completion of ADB is 0.545% . HT Substation:- Piling of HT Substation 100% completed. Work upto plinth 100% completed. PCC & RCC footing 100% completed. RCC upto plinth 100% completed.Roof Slab 95.00% Complete. Overall Completion Of HT Substation is 0.733%. CCT:- Piling of CCT 100% completed. Raw Sewage Sump and Pump House : Approval is in progress . Boundary Wall: 50% of the compound wall completed including Brickwork and another 40 % of sub structure is also completed.Therefore, Ovearall progress of Boundary Wall is 0.50% 2) 8 MLD STP at Monirumpur STP could not be started for NOC of Land from Cantonment Board.	For 30 MLD STP-Oct 2025 (Including Trial Run)	NA
22		Pollution abatement works for River Ganga at Katwa (Including augmentation of existing STP), Murshidabad & Santipur	2	Under examination of NMCG	NA	NA
23		Sewerage System and STP at Chakdah	1	Physical Progress upto 30.06.2024 - 5.20% Construction of STP Physical progress- 12.00% Completed.	Dec-25	NA

Sl. No.	Concerned Department	Topic of Action point for STPs	No of STPs	Targets achieved and the reasons for delay in compliance	Targets not achieved and the revised timelines proposed	Action taken or suggested for violation of timelines or non-achieving of targets
[1]	[2]	[3]	[4]	[5]	[6]	[7]
24		STP at Krishnanagar	1	Under Tendering stage.Bid extended upto 26.07.2024	NA	NA
25		STPs at Uluberia, Jiaganj- Azimganj, Diamond Harbour, Kestopur	4	4 STPs are in proposal Stage. (Subject to availability of land)	NA	NA
26		Near WBSETCL, Joka - 45 MLD	1	Overall Physical progress- 68.6%	Dec-24	The sewage network at the 03nos. STPs under KEIIP is being developed under respective works. Trunk sewers are being laid. S&D network to be completed by 2024. Approximately Rs. 1700cr. For S&D works. Out of this, about 1300 cr. linked for development of the trunk S&D system within the catchment areas of the 3 STPs and remaining indirectly linked for the abatement of pollution to the River Ganga in other areas. Out of 1300 cr. about 1176 cr. has been disbursed.
27		Bank Plot, M.G Road - 40 MLD	1	Overall Physical progress- 76.2 %	Dec-24	Time line for balance work not within the present scope including uncovered areas to be finalized based on the time frame of implementation of future loan or from own resources of KMC. (ward 127, 142, part of 125,126,143 &144) [Laying of trunk S&D lines including construction of pumping stations in ward 127, 142, part of 125,126,143 &144 are considered in new project under KURIP which will be funded by ADB. Considering the contribution of the aforesaid areas and areas under KEIIP, STPs are being constructed under ongoing KEIIP. Preparation of the DPRs & bid documents are in progress for the same. Time frame for implementation of the said works can be finalized after signing of the loan with ADB. However, the said loan is expected to be signed with ADB by middle of 2024.]
28		Rajpur-Sonarpur, Rania - 23 MLD	1	Overall Physical progress- 98.3%	Aug-24	
30		Bansdroni STP	1	Revised AA&ES approved in the 46th EC Meeting held on 23/12/2022, Agenda Item No. 46.01. Estimated amount of Rs 653.72 Crores (including cost of O & M for 15 years Rs 211.53 Crores) under DBOT mode.		
31		STP Near Golf Garden, Sukhapukur	1	Tendering done on 29.08.2023. Tender opening date extended upto 10.01.2024. The bid has been opened on 15.01.2024 and it has been found that, three (3) nos. of bidder has participated on response to this tender. On basis of the submitted bids and as per observations obtained from World Bank, KMC has evaluated the technical bid and submitted the Revised Technical Bid Evaluation Report (TBER) to NMCG through SPMG on dated 21.06.2024 for further direction.	30 Months from the date of issuance of Work Order	NA
32		Birji Road STP near SahidKhidiram Metro	1			

Sl. No.	Concerned Department	Topic of Action point for STPs	No of STPs	Targets achieved and the reasons for delay in compliance	Targets not achieved and the revised timelines proposed	Action taken or suggested for violation of timelines or non-achieving of targets
[1]	[2]	[3]	[4]	[5]	[6]	[7]
36	Kolkata Municipal Corporation (KMC)	STPs at Garden Reach	1	AA&ES approved in the 44th EC Meeting held on 17/08/2022, Agenda Item No. 44.18. Estimated amount of Rs 289.02 Crores (including cost of O & M for 15 years Rs 149.11 Crores) under HAM mode. Tendering Completed. Letter of Award (LoA) issued. Formal WO to be issued in due course. The Concession Agreement has been signed on dated 15.03.2024 between NMCG, KMC and the Concessionaire i.e. Ms GR Sewage Treatment Plant Limited formed by the successful agency M/s Traders & Engineers Pvt. Ltd. M/s Fichtner Consulting Engineers India Pvt. Ltd. has also been engaged as Project Engineer by NMCG, Govt. of India. Further, IIT Kharagpur will be engaged as proof checker for this instant HAM project. At site, presently the mobilisation of manpower, materials and machineries have been engaged by the Agency. Soil testing work is completed and accordingly the basic engineering package, design and drawings have been submitted and under review by the appointed Project Engineer	24 months + 15years	NA
37		STPs at Keorapukur	1	AA&ES approved in the 45th EC Meeting held on 30/09/2022, Agenda Item No. 45.3. "DPR for Rehabilitation of existing 50 MLD STP at Keorapukur and other allied works at Kolkata, West Bengal" EC approved the proposal at an estimated amount of Rs 67.06 Cr. (including cost of O & M for 15 years – Rs 38.99 Cr.) under DBOT mode. Tendering under progress Tender Publish date: 28/03/2023, Bid opening extended up to date: 14/09/2023. Since, after opening of technical bid, it has been found that, Single Bidder has participated in the said tender, NMCG has directed to go for 2nd time tender. After incorporating the observation points as obtained during 2nd time pre tender meeting, the revised DPR of Keorapukur STP has been submitted to WBSPMG via. Official mail dated 30.05.24 & the same has been forwarded to Director General of NMCG by Program Director of WBSPMG vide memo no. 5792 NGRBA/SPMG/DPR 178/2015(P I)/2019 Dt. 03.06.24. for necessary approval and getting revised AE&FS for the same.	NA	NA
38		STP Near Surinaam Ghat, Dhankheti Nikashi (22.55041, 88.29222)	1	Sent to 15th Finance Commission , Tripartite MOU already signed.	52 months from the date of issuance of work order.	NA
39		STP Near BhangaKhal, Gardenreach area (22.54118, 88.25155)	1	Sent to 15th Finance Commission , Tripartite MOU already signed. Formal Approval of authority has been obtained for tendering.Under process of tendering		NA
41		New Keorapukur STP	1	Sent to 15th Finance Commission , Tripartite MOU already signed	NA	NA
42		Strand Road STP	1	Sent to 15th Finance Commission , Tripartite MOU already signed. The land area is under KOPT. The requisition for land allotment for STP has been send to KOPT(Kolkata Port Trust) . Land allotment is pending.	NA	NA
43	PHED	STPs at Diamond Harbour, Berhampore, Katwa, Murshidabad (augmentation & Renovation proposed) and Nabadwip	5	Operational. Constructed in GAP-I.	Operational	NA
44	MED	Jiagurij Azimgunj Takia Oxidation Pond	2	Operational	Operational	NA

Action taken against 22 nos CPCB identified drains in Howrah District

SL NO	CODE	NAME OF DRAIN	DIST	Action Taken
1	R28	Telkal Ghat drain, Howrah	Howrah	Engagement of consultant for prepration of DPR is under process.
2	R29	Rarnkrishna Mullick Ghat, Howrah	Howrah	Engagement of consultant for prepration of DPR is under process.
3	R30	130- Foreshore Road Drain, Howrah	Howrah	Engagement of consultant for prepration of DPR is under process.
4	R31	101, Foreshore Road Drain, Mowrah	Howrah	Engagement of consultant for prepration of DPR is under process.
5	R32	Shibpur Burning Ghat, Howrah - Shibpur	Howrah	Engagement of consultant for prepration of DPR is under process.
6	R26	Jagannath Drain	Howrah	To be Tapped under Howrah-Bally-Baranagar HAM
7	R33	Botanical Garden - I, Kolkata	Howrah	Engagement of consultant for prepration of DPR is under process.
8	R34	Botanical Garden - II, iKolkata	Howrah	Engagement of consultant for prepration of DPR is under process.
9	R35	Nazerganj Khal	Howrah	Tender for prepration of DPR to be invited (1st Call)
10	R36	N.C.Pal Khal	Howrah	Tender for prepration of DPR to be invited (1st Call)
11	R37	Saraswati Khal, Sankrail	Howrah	Tender for prepration of DPR to be invited (1st Call)
12	R38	Singhi More Khal	Howrah	Tender for prepration of DPR to be invited (1st Call)
13	R39	Sankrail, near Manikpur ferry ghat	Howrah	Tender for prepration of DPR to be invited (1st Call)
14	R40	Drain @ Bazarpara, Garigha t Sharenga Khal	Howrah	Tender for prepration of DPR to be invited (1st Call)

15	R45	Rangamati More	Howrah	Engagement of consultant for preparation of DPR is under process.
16	R46	Madai Hat	Howrah	Engagement of consultant for preparation of DPR is under process.
17	R47	Kumar Khali	Howrah	Engagement of consultant for preparation of DPR is under process.
18	R48	Garchumuk	Howrah	Engagement of consultant for preparation of DPR is under process.
19	R41	Chakmadhu, Nalpur near Bauria ferry ghat	Howrah	Consultant has been terminated due to poor performance. New tender shall be floated after MCC, for preparation of DPR.
20	R42	Chakashi - Chengali	Howrah	DO
21	R43	Phuleswar drain @ Uluberia	Howrah	DO
22	R44	Kalinga Nagar drain	Howrah	DO

Action taken against 5 nos CPCB identified drains in Murshidabad District

SL NO	CODE	NAME OF DRAIN	DIST	Action Taken
1	L1	Jangipur Drain	Murshidabad	To be tapped under 8.0 MLD Jangipur STP
2	RI	Sagar Dhlghi WBPDCCL water project	Murshidabad	*
3	R2	Azimganj	Murshidabad	Preparation of DPR is under process.
4	L2	Nashipur Ghosh Para.Ward No-14	Murshidabad	DPR for tapping of this drain has been submitted to NMCG for funding. Approval awaited.
5	L3	Rattala- Gorabazar Beherampore	Murshidabad	To be tapped under 3.5 MLD Berhampore STP

* This drain is flowing through the Gram Panchayet area, therefore, data may be taken from P&RD Department.

Action taken against 4 nos CPCB identified drains in Nadia District.

SL NO	CODE	NAME OF DRAIN	DIST	Action Taken
1	R6	Goshpara drain, Nabadwip	Nadia	Tapped with Nabadwip STP
2	LS	Majher Char Khal, Kalyani	Nadia	DPR for new sewage network of added area of Kalyani Municipality, Ph -I has been submitted for sanction under State head. DPR for sewage network of added area, Ph -II is under process. Since Kalyani Municipality is the only ULB to pollute this khal , it is expected that the pollution level of this khal will be reduced to permissible level.
3	LS	Bagher Khal, (Fodder Khal)	Nadia	Proposed to be tapped with Kanchrapara STP
4	L4	Raninagar - Chakdha	Nadia	Already considered under the Chakdah I&D Project work

Action taken against 29 nos CPCB identified drains in North 24 Parganas District

SL NO	CODE	NAME OF DRAIN	DIST	Action Taken
1	L48	Dakshineswar ferry ghat	North 24 Parganas	To be Tapped under Howrah-Bally-Baranagar HAM
2	L30	Baranagar/Kuthighata Khal	North 24 Parganas	Engagement of Consultant for preparation of DPR is under process
3	L23	Gandhi ghat Drain @ South gate-1, Barrackpore	North 24 Parganas	Tapped under 6 MLD STP Barrackpore
4	L24	Talpukur	North 24 Parganas	Partially tapped under Bandipur STP
5	L25	Titagarh Drain @ Bishal axmi Ghat	North 24 Parganas	Partially tapped under Bandipur STP
6	L26	Khardha Khal, Khardha	North 24 Parganas	Consultant engaged for preparation of DPR. DPR to be submitted to NMCG tentatively by 14.09.2024.
7	L7	Halisahar Drain	North 24 Parganas	On-line treatment proposal sent to NMCG.
8	L45	New Bagher khal	North 24 Parganas	DPR prepared and RSP uploaded.
9	L46	Drain at Halisahar municipality	North 24 Parganas	Engagement of Consultant for preparation of DPR is under process
10	LB	Gariffa Drain (North)	North 24 Parganas	Partially tapped under Naihati STP(WSP)
11	L9	Gariffa Drain South)/Ramaghat Drain- Open Pucca Drain	North 24 Parganas	Partially tapped under Naihati STP(WSP)
12	L47	Drain at Dadu Ram ghat, Naihati	North 24 Parganas	Engagement of Consultant for preparation of DPR is under process
13	L48	Drain at Ramghat Naihati	North 24 Parganas	Engagement of Consultant for preparation of DPR is under process
14	L18	Monirampore - Barrackpore	North 24 Parganas	To be tapped in the proposed 8 MLD STP of Monirampur
15	L19	Balughat, Manirampore, Pucca drain, Barrackpore	North 24 Parganas	To be tapped in the proposed 8 MLD STP of Monirampur
16	L20	Barrackpore Drain (SP Bungalow)	North 24 Parganas	To be tapped in the proposed 8 MLD STP of Monirampur
17	L21	Dhobi Ghat Drain, Barrackpore	North 24 Parganas	To be tapped in the proposed 8 MLD STP of Monirampur
18	L22	Barrackpore (adjacent to Ramakrishana Mission)	North 24 Parganas	To be tapped in the proposed 8 MLD STP of Monirampur
19	L27	Drain near PB Ghat @ Kamarhati	North 24 Parganas	Partially tapped under Panihati STP
20	L28	Kamarhati Drain @ Jute Mill, Kamarhati	North 24 Parganas	Partially tapped under 60 MLD Baranagar STP under HAM model

21	L29	Dakineshwar - Alambazar	North 24 Parganas	Engagement of consultant for preparation of DPR is under process.
22	L10	Thannar Khal, Naihati	North 24 Parganas	Partially tapped under Naihati STP(ASP)
23	L11	Bhatpara open pucca drain	North 24 Parganas	NIT has been invited for engagement of consultant
24	L12	Bhatpara Drain	North 24 Parganas	NIT has been invited for engagement of consultant
25	L13	Alliance Jute Mill Drain	North 24 Parganas	Already Tapped with Bhatpara STP
26	L14	Drain between Pratapnagar Rajbari. Jaggatdal	North 24 Parganas	NIT shall be invited shortly for engagement of consultant
27	L15	Authpur (Sastrinagar)	North 24 Parganas	Engagement of Consultant for preparation of DPR is under process
28	L16	Debitala pancha khal	North 24 Parganas	Partially tapped under Garulia STP(WSP)
29	L17	Ichapur KhaL	North 24 Parganas	2nd Order polluted drains of Ichpur Khal will be tapped to the on going 30 MLD STP at Babanpur under North Barrackpore HAM Project.

Action taken against 3 nos CPCB identified drains in Purba Bardhaman District				
SL NO	CODE	NAME OF DRAIN	DIST	Action Taken
1	R3	Sakhai Para Ghat Drain, katwa	Purba Bardhaman	Will be tapped under Katwa STP,DPR is under examination of NMCG
2	R4	Drain near Kasiganj, Katwa	Purba Bardhaman	Will be tapped under Katwa STP,DPR is under examination of NMCG
3	RS	Sukanta Palli High Drain, katwa	Purba Bardhaman	Will be tapped under Katwa STP,DPR is under examination of NMCG

**Action taken against 3 nos CPCB identified drains in Purba
Medinipur District.**

SL NO	CODE	NAME OF DRAIN	DIST	Action Taken
1	R55	Drain at Begunberia Harakhali	East Midnapur	Since BOD level is low and there is tidal effect, DPR on FSTP is under preparation .
2	R56	Green belt canal	East Midnapur	DO
3	R49	Jhikhurkhali drain	East Midnapur	DO

**Action taken against 6 nos CPCB identified drains in
South 24 Parganas District**

SL NO	CODE	NAME OF DRAIN	DIST	Action Taken
1	L39	Munikali Khal (formerly Drain @ Akhra Food ghar)	South 24 Paragnas	Will be tapped to the Maheshtala 35 MLD STP, Under construction
2	L40	Muni Khali Khal (Akhra ferry Ghat)	South 24 Paragnas	DO
3	L41	Budge Budge - Pujali	South 24 Paragnas	Since BOD level is low and there is tidal effect, a DPR on FSTP is prepared and submitted to NMCG which is under examination.
4	L42	Dakshin Raypur	South 24 Paragnas	*
5	L43	Saratala	South 24 Paragnas	
6	L44	Falta -111	South 24 Paragnas	

* These drains are flowing through the Gram Panchayet area, therefore, data may be taken from P&RD Department.

Action taken against 24 nos CPCB identified drains in Hooghly District

SL NO	CODE	NAME OF DRAIN	DIST	Action Taken
1	R53	Rishra burning ghat	Hooghly	Consultant engaged for preparation of DPR. DPR to be submitted to NMCG tentatively by 14.09.2024.
2	R54	Drain at Panchu dutta ghat	Hooghly	Consultant for preparation of DPR is to be engaged.
3	R23	Bagh Khal, Rishra	Hooghly	Consultant engaged for preparation of DPR. DPR to be submitted to NMCG tentatively by 14.09.2024.
4	R24	Bally Khal, Bally	Hooghly	Consultant engaged for preparation of DPR. DPR to be submitted to NMCG tentatively by 14.09.2024.
5	R25	Dewangazi Drain	Hooghly	Proposal for In-Situ treatment on this drain is sent to NMCG on 20.03.2024 for approval
6	R15	Chandannagar Drain	Hooghly	Already tapped in Chandannagar STP
7	R51	Drain at Akhash Ganga	Hooghly	Preparation of DPR already proposed
8	R16	Gondal Para	Hooghly	Engagement of Consultant is under process.
9	R52	Telini para drain	Hooghly	Engagement of Consultant is under process.
10	R17	DVC Canal	Hooghly	Consultant engaged for preparation of DPR. DPR to be submitted to NMCG tentatively by 14.09.2024.
11	R18	Champdany Ferry Ghat/Paolghat drain	Hooghly	In house DPR is almost ready . But it could not be submitted due to lack of NOC for MPS land.
12	R19	Baidyabati Drain	Hooghly	Consultant engaged for preparation of DPR. DPR to be submitted to NMCG tentatively by 14.09.2024.
13	R20	Chatra Khal, Serampore	Hooghly	In house DPR is almost ready . But it could not be submitted due to lack of NOC of railway crossing from South Eastern Rail.
14	R21	Serampore/ Bhagirathi Drain	Hooghly	DO
15	R22	Hastings Ghat Drain, Rishra	Hooghly	Consultant engaged for preparation of DPR. DPR to be submitted to NMCG tentatively by 14.09.2024.
16	R7	ITC Tribeni Drain, Hooghly	Hooghly	This drain carries discharge from ITC, Tribeni. *
17	RB	BTPS Out fall Drain -1 ,Hooghly	Hooghly	This drain carries discharge from BTPS, Tribeni. *
18	R9	Dhopa Ghat Drain, Hooghly	Hooghly	Engagement of Consultant is under process.
19	R10	Rosbara khal, Hooghly	Hooghly	Will be tapped in Hooghly Chinsurah STP, under construction
20	R11	Chandni Ghat Drain, Chinsurah	Hooghly	Will be tapped in Hooghly Chinsurah STP, under construction
21	R12	Imambara Khal	Hooghly	Will be tapped in Hooghly Chinsurah STP, under construction
22	R13	Chinsurah -Majir Rasta Drain	Hooghly	Will be tapped in Hooghly Chinsurah STP, under construction

23	R50	Drain at Tamil para ferry Ghat, Chinsura	Hooghly	Will be tapped in Hooghly Chinsurah STP, under construction
24	R14	Sarishapara	Hooghly	Engagement of Consultant for preparation of DPR is under process.
* These drains are flowing through the Gram Panchayet area, therefore, data may be taken from P&RD Department.				

There is no CPCB identified drain so far in Malda District

Action taken against 9 nos CPCB identified drains in Kolkata District

SL NO	CODE	NAME OF DRAIN	DIST	Action Taken
1	L34	Tolly Nullah (Adi Ganga)	Kolkata	Under KMC
2	L35	Dhanketikhil Garden	Kolkata	Under KMC
3	L36	Kanchantala -I	Kolkata	Under KMC
4	L37	Kanchantala-11	Kolkata	Under KMC
5	L38	Kanchantal"- 1"	Kolkata	Under KMC
6	L31	Cossipore Khal	Kolkata	Under KMC
7	L32	Chitpur Ghat khal	Kolkata	Under KMC
8	L33	Nimtala Burning Ghat	Kolkata	Under KMC
9	L49	Drain near Howrah bridge	Kolkata	Under KMC

Interception & Diversion status of 56 Drains falling in River Ganga

Sl.No	Sl. No. of CPCB List	Code	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	L1	Jangipur Drain	24.465659 88.068739	Jangipur	In situ treatment	To be tapped with 8.0 MLD Jangipur STP under Berhampore-Jangipur STP project.	8.0 MLD	Work under process. Will be tapped within December, 2024.
2	3	L7	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	L9	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	L8	Garifa Drain-North	22.910819 88.404743	Garifa	Lock gate and drop shutter	Tapped with Naihati (6.50 MLD capacity WSP)		
5	6	L10	Thanar Khal	22.533490 88.242890	Naihati	Lock gate and drop shutter	Tapped with Naihati STP (11.56 MLD capacity ASP)		
6	8	R12	Imambara Khal	22.907930 88.400712	Hooghly	Lock gate and drop shutter	Consider in Hooghly - Chinsurah Tender.Taken up by Hooghly -Chinsurah STP project	26.5 MLD	Work under process. Will be tapped within December, 2024.
7	11	R13	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	R11	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	L16	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	R21	Serampore / Bhagirathi Drain	22.446260 88.213700	Serampore	Lock gate and drop shutter	To be connected with Serampore	115 MLD	DPR is being prepared.New SBR based STP will be constructed with enhance capacity
11	20	R20	Chatra Khal	22.455100 88.204930	Serampore	Lock gate and drop shutter	To be connected with Serampore		
12	21	L20	Barrackpore Khal (S. P. Banglow)	22.550211 88.325062	North Barrackpore	Lock gate and drop shutter	To be connected with North Barrackpore STP (8 MLD capacity) under tendering stage	8.0 MLD	To be connected within April 2025 with North Barrackpore STP (8
13	22	L23	Gandhi Ghat Drain	22.750641 88.364329	Barrackpore	Lock gate and drop shutter	Tapped with Barrackpore STP (6.00 MLD capacity) which is already tapped	6.0 MLD	Tapped
14	23	L21	Dhobi Ghat Drain	22.793359 88.353420	North Barrackpore	Lock gate and drop shutter	To be connected with North Barrackpore STP (8 MLD capacity) under tendering stage	8.0 MLD	To be connected within April 2025 with North Barrackpore STP (8 MLD capacity) which
15	24	L25	Titagarh Drain (Bishalaxmi Ghat)	22.733628 88.363502	Titagarh	Lock gate and drop shutter	Tapped with Titagarh STP (4.50 MLD capacity)	4.5 MLD	Tapped
16	25	R22	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	R25	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	R26	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	L28	Kamarhati Drain @ Jute Mill	22.675388 88.365275	Baranagar	Lock gate and drop shutter	Partially tapped under Kamarhati-Baranagar STP (60.00 MLD) at Baranagar which have been executed by Ganga STP Project Pvt. Ltd. under HAM	60.0 MLD	Partially tapped under Kamarhati-Baranagar STP (60.00 MLD) at Baranagar with in December,2024.
20	34	L27	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.

Interception & Diversion status of 56 Drains falling in River Ganga

Sl.No	Sl. No. of CPCB List	Code	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
21	35	L30	Kuthighat Drain/ Baranagar Khal	22.636390 88.362651	Baranagar	Lock gate and drop shutter	This drain cannot be connected with the 60.00 MLD Baranagar - Kamarhati STP. Alternative methodology will be adopted for treatment	60.0 MLD	
22	36	L32	Chitpur Ghat Khal/ Circular Canal	22.606978 88.369915	Chitpur	Lock gate and drop shutter	KMC		KMC
23	37	L31	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	R28	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	R29	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	R31	101, Foreshore Road Drain	22.562300 88.327050	Howrah	Lock gate and drop shutter	Tender is under process for adopting methodology for connecting this drain at Arupara STP	KMDA	
27	44	L34	Tolly Nala	22.550211 88.325062	Kalighat	Lock gate and drop shutter	KMC	KMC	KMC
28	45	L33	Nimtala Burning Ghat Drain	22.564738 88.242108	Kalighat	Lock gate and drop shutter	KMC	KMC	KMC
29	46	L35	Dhankheti/ PB Ghat Khal	22.548084 88.289334	Khidderpore	Lock gate and drop shutter	KMC	KMC	KMC
30	47	R32	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	LS	Bagher Khal	22.955611 88.423912	Kanchrapara	Lock gate and drop shutter	Connected to Kanchrapara STP (18.00 MLD capacity)	18.0 MLD	Tapped.
32	49	R30	130 Foreshore Road Drain	22.341590 88.200660	Howrah	Lock gate and drop shutter	Tender is under process for adopting methodology for connecting this drain at Arupara STP	65.0 MLD	
33	55	L13	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	R10	Rosbara Khal	22.918529 88.395952	Bandel	Lock gate and drop shutter	Considered in Hooghly -Chinsurah STP project.	26.5 MLD	Considered to be connected Hooghly - Chinsurah STP project within December, 2024
35	50	L40	Old Muni Khali Khal	22.525670 88.245923	Mahestala	Lock gate and drop shutter	Considered in Maheshtala I&D network project	35.00 MLD	To be connected with in March, 2025.

Input from WBPCB for the period of March 2024 to May 2024

IV. Details of Industrial Pollution:

No. of industries in the State (Red = 4227, Orange = 14251)	=18478
No. of water polluting industries in the State	=456
Effluent generation from industries	=1360.87 MLD
No. of industries having ETPs	=456
Total treatment capacity of ETPs	=1360.87 MLD
No. and capacity of existing CETP (8modules each of 5 MLD)	=40 MLD
All industries in the Calcutta Leather complex are connected to CETP	

V. Bio-medical Waste Management:

No. of Hospitals and Health Care Facilities	=9712
Total Bio-medical generation	=38886.14 kg / day
Status of Treatment Facility / CBMWTF	=9CBMWTFare operating
Treatment capacity	= 2,11,000 bed

All Biomedical wastes generated in the state are treated at the Nine (9) Common BMW Treatment, Storage & Disposal Facilities. Setting up of few more CBMWTSDF are in progress.

VI. Hazardous Waste Management:

No. of Industries generating Hazardous waste	=832
Total Hazardous Waste generation	=240215.0 MTA
Treatment Capacity of all CHTSDFs	
Land fill capacity	=2,20,000 MTPA
Land fill after treatment	=1,20,000 MTPA
Incineration	=14,400 MTPA
Average quantity of hazardous Waste reaching TSDF	= 44,811.34 MT

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

WEST BENGAL POLLUTION CONTROL BOARD

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

Priority	River	Stations	pH(Unit)	(DO)(mg/l)	BOD(mg/l)	Total Coliform(MPN/100ml)	Fecal Coliform (MPN/100ml)	Fecal Streptococci (MPN/100ml)
I	Mahananda	Siliguri (Upstream)	7.1	5.4	2.5	110000	23000	70
	Mahananda	Ramghat(Downstream)	7.05	3.3	18	220000	50000	4900
II	Vidyadhari	Haroa bridge (upstream)	7.41	2.07	10.36	94000	40000	790
	Vidyadhari	Malancha (downstream)	7.1	1.48	4.47	63000	27000	580
II	Churni	Downstream of Ranaghat town	7.93	3.5	2.4	70000	22000	1700
	Churni	Majhdia	7.85	2.2	3.57	22000	9200	790
III	Matha bhanga	Gobindapur	7.82	1.7	3.86	170000	92000	2800
IV	Ganga	Farakka	7.58	6.7	2.6	790	330	33
	Ganga	Farakka	7.19	6.4	2.8	1100	490	33
	Ganga	Khagra	7.66	6.3	1.95	2200	790	70
	Ganga	Khagra	7.16	6	2.4	2200	1300	49
	Ganga	Baharampore	7.5	6.3	1.8	13000	3500	460
	Ganga	Baharampore	7.29	6	2.5	13000	3500	790
	Ganga	Gorabazar	7.54	6.1	2.1	9400	2400	490
	Ganga	Gorabazar	7.21	5.9	2.6	11000	2200	330
	Ganga	Nabadip	7.68	7.3	2.6	2200	1100	70
	Ganga	Nabadip	7.68	6.5	2.5	3500	1100	63
	Ganga	Tribeni	7.65	7.6	2.8	3500	1400	63
	Ganga	Tribeni	7.31	7	2.8	3500	1300	94
	Ganga	Palta Shitalatala	7.5	6.2	2.6	7000	2400	460
	Ganga	Palta Shitalatala	7.2	6.8	2.7	9400	2400	230
	Ganga	Palta,	7.39	6	2.4	11000	3500	330
	Ganga	Palta	7.26	7.2	2.8	14000	5400	310
	Ganga	Serampore	7.46	6.3	2.3	33000	11000	490
	Ganga	Serampore	7.32	6.6	2.8	23000	7900	790
	Ganga	Dakshmineswar	7.22	5.78	2.69	130000	63000	1200
	Ganga	Dakshmineswar	7.2	5.65	2.7	110000	33000	1100
	Ganga	Garden reach	7.24	5.4	2.82	170000	84000	1100
	Ganga	Garden reach	7.24	5.46	2.81	140000	79000	1300
	Ganga	Howrah-shivpur	7.19	5.5	2.72	110000	49000	940
	Ganga	Howrah-shivpur	7.17	5.36	2.86	94000	39000	840
	Ganga	Uluberia,	7.04	5.6	2.77	32000	14000	490
	Ganga	Uluberia,	7.39	5.59	2.77	27000	11000	340
	Ganga	Durgachak near Pathikhali,	8.4	5.1	1.35	22000	11000	460
	Ganga	Durgachak near Pathikhali,	8.4	5.9	1.4	14000	7900	330
Ganga	Diamond harbour,	7.66	5.93	2.66	4700	2400	170	
Ganga	Diamond harbour,	7.16	5.85	2.7	2600	1300	110	

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

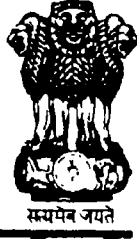
Priority	River	Stations	pH(Unit)	(DO) (mg/l)	BOD (mg/l)	Total Colifor m(MPN /100ml)	Fecal Colifor m(MPN /100ml)	Fecal Strepto cocci (MPN/ 100ml)
IV	KANSI	Downstream at Midnapore	8.4	7	1.5	7900	4900	230
IV	JALANGI,	Downstream of Krishna nagar	7.59	5.1	2.9	7900	3500	330
V	Damodar	Dishergarh	7.94	7.8	2.15	1700	1100	21
	Damodar	IISCO near Dhenna Village,	7.8	7.8	2.05	2100	1700	26
	Damodar	Narainpur	7.7	7.7	2.05	2600	2200	17
	Damodar	Near Mujher Mana Village	7.75	6.8	2.7	2200	1400	21
	Damodar	Andal D/s	7.7	7.8	2.1	2600	2100	14
	Damodar	Andal U/s	7.56	7.7	2.7	2100	1400	17
	Damodar	Asansol U/s	7.85	7.9	2.05	3300	1700	26
	Damodar	Durgapur U/s	7.65	7.7	2.15	2700	1700	17
	Damodar	Raniganj D/s	7.6	7.8	2.15	3200	1700	21
	Damodar	Water intake point for Burdwan Town	8.35	7.9	2.2	2600	2100	14
V	Dwarka	Upstream of Tarapith at Sadhak Bamdeb ghat	7.3	7	2.7	4000	2600	21
	Dwarka,	Downstream of Tarapith Satighat	7.44	6.8	2.75	4600	3300	17
V	Barakar	Asansol	7.89	7.8	2.25	2700	2100	17
V	Rupnarayan	Geonkhali	7.7	5.5	1.4	17000	9400	390
	Rupnarayan	Kolaghat (Down Stream)	8.2	5.3	1.55	9400	4900	140
V	Dwarakeshw ar	Bankura town	7.67	7.8	2.05	2700	2100	22
V	Teesta	At Jalpesh	7.36	6.4	1.7	14000	5000	79
	Teesta	At Sevoke	6.8	8.3	2.5	5000	2200	34

WEST BENGAL POLLUTION CONTROL BOARD

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

Priority	River	Stations	pH(Unit)	(DO)(mg/l)	BOD (mg/l)	Total Coliform(MPN/10 0ml)	Fecal Colifor m(MPN /100 ml)	Fecal steptoc occi (MPN/10 0 ml)
Delisted	Silabati	Ghatal (Downstream)	8.37	8	1.55	6300	3300	110
	Mayurakshi	Suri Town	7.93	9.1	1.55	2600	1700	14
	Kaljani	Downstream of Alipurduar	7.48	7.5	1.5	17000	8000	94
	Karola	Downstream of Jalpaiguri	7.13	8.2	2	17000	8000	94
Primary Water quality Criteria for bathing water			6.5-8.5	≥5	≤3		<2500	,500

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.



भारत का राजपत्र The Gazette of India

असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (i)

PART II—Section 3—Sub-section (i)

प्राधिकार से प्रकाशित

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पर्यावरण और वन मंत्रालय

अधिसूचना

नई दिल्ली, 25 सितम्बर, 2000

सा. का. नि. 742(अ).—केन्द्रीय सरकार, पर्यावरण (संरक्षण) अधिनियम, 1996 (1996 का 29) की धारा 6 और धारा 25 द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, पर्यावरण (संरक्षण) नियम, 1996 का और संशोधन करने के लिए निम्नलिखित नियम बनाती है, अर्थात् :—

1. (1) इन नियमों का संक्षिप्त नाम पर्यावरण (संरक्षण) संशोधन नियम, 2000 है।

(2) इस अधिसूचना में अन्यथा जैसा उपबंधित है उसके सिवाय, वे राजपत्र में प्रकाशन की तारीख को प्रवृत्त होंगे।

2. पर्यावरण (संरक्षण) नियम, 1986 में,—

(1) अनुसूची 1 में पटाखों के लिए शोर मानकों से संबंधित क्रम संख्याक 89 और उससे संबंधित प्रविष्टियों के पश्चात् निम्नलिखित क्रम संख्याक और उनसे संबंधित प्रविष्टियां अन्तःस्थापित की जाएंगी, अर्थात् :—

“90. कोयला खानों के लिए मानक

1. वायु क्वालिटी मानक

निम्नलिखित धूल उत्पादक स्रोतों से 500 मीटर की दूरी पर प्रबल हवा की दशा पर विचार करते हुए नीचे की ओर हवा की दिशा में निलंबित कणिकीय पदार्थ (एस. पी. एम.), अन्तः श्वसनीय कणिकीय पदार्थ (आर. पी. एम.), सल्फर डाईआक्साइड (एस ओ₂) और नाइट्रोजन आक्साइड (एन ओ₂) का संकेन्द्रण नीचे दी गई मारणी-I, और II, और III में विनिर्दिष्ट मानकों से अधिक नहीं होगा।

धूल उत्पादन के स्रोत

लदाई या उतराई, कर्षण मड़क, कोयला परिवहन मड़क, कोयला हथालने का संयंत्र (मी. एच. बी.) रेल सरकवां, विस्फोट, छेदन, अधिक ऊंचे ढेर या कोई अन्य धूल उत्पादन के बाहरी स्रोत जैसे कोक भट्टी (कठोर तथा मुलायम), इष्टिका उद्योग, पास की मड़क आदि।

- टिप्पण :— 1. जहां उपचारित बहिस्त्राव ऐसे नगर सीवर में डाला जाता है जो अंतिम उपचार संयंत्र में जाता है, वहां जैव-रसायन आक्सीजन मांग (बी ओ डी) की 100 मि.ग्रा./लि. तक और रसायन आक्सीजन मांग (सी ओ डी) की 400 मि.ग्रा./लि. तक छूट दी जा सकेगी।
2. बहिस्त्राव की क्वालिटी (एक लिटर प्रति किलोग्राम उत्पाद) संयुक्त सूती वस्त्र उद्योग संयुक्त ऊनी वस्त्र उद्योग और टैक्सटाइल प्रसंस्करण उद्योग में क्रमशः 100, 250 और 80 होगी।

93. स्नान-जल के लिए प्राथमिक जल क्वालिटी मानदंड

जलाशय या उसके भाग में के जल का कई प्रकार से उपयोग किया जाता है। जल के उपयोगों और क्रियाकलापों के प्रकार पर निर्भर रहते हुए जल क्वालिटी की कसौटी किसी विशिष्ट प्रयोजन के लिए उसकी उपयुक्तता अवधारित करने के लिए विनिर्दिष्ट कर दी गई है। विभिन्न प्रकार के उपयोगों में एक उपयोग यह भी है जो जल के उच्चतर स्तर की क्वालिटी या शुद्धता की मांग करता है और उस जलाशय के विस्तार में उसे "अभिहित सर्वोत्तम उपयोग" के रूप में जाना जाता है। इस पर आधारित प्राथमिक जल क्वालिटी की कसौटी के निबंधनों के अनुसार विभिन्न उपयोगों के लिए जल क्वालिटी अपेक्षाएं विनिर्दिष्ट की गई हैं। सारणी 1 में स्नान-जल के लिए प्राथमिक जल क्वालिटी की तर्कयुक्त कसौटी विनिर्दिष्ट की गई है।

सारणी 1

स्नान-जल के लिए प्राथमिक जल क्वालिटी मानदंड

(संगठित बाह्य स्नान के लिए प्रयुक्त जल)

मानदंड		तर्कआधार
1. फिकल	500 (वांछनीय)	निम्न मल जल संदूषण सुनिश्चित करने के लिए,
कोली फॉर्म	2500 (अधिकतम अनुज्ञेय)	फिकल कोलीफॉर्म और फिकल स्ट्रेप्टोकोक्का के
एम. पी. एन./100 मि.लि.		बारे में यह माना गया है कि वे जीवाणु रोगोत्पादकता
2. फिकल स्ट्रेप्टोकोक्की	100 (वांछनीय)	को दर्शित करते हैं। वांछनीय और अनुज्ञेय सीमाएं
एम. पी. एन./100 मि.लि.	500 (अधिकतम अनुज्ञेय)	पर्यावरणिय दशाओं में उतार-चढ़ाव
		को अनुज्ञात करने के लिए मुझाव देती हैं जैसे कि
		मौसमी परिवर्तन, बहाव की दशाओं में परिवर्तन
		आदि।
2. पी. एस.	6.5 से 8.5 के बीच	यह रेंज त्वचा और आँख, नाक, कान आदि जैसे
		कोमल अंगों को संरक्षण प्रदान करती है जो बाह्य
		स्नान के दौरान सीधे प्रभावित होते हैं।
3. घुली हुई आक्सीजन		5 मि.ग्रा./लि. के न्यूनतम घुली हुई आक्सीजन
		संकेन्द्रण ठीक ऊपरीधारा में आर्गनिक प्रदूषण युक्त
		आक्सीजन लेने से युक्त युक्त मुक्ति सुनिश्चित करते
		हैं जो तलछट से अनाइरोबिक गैसों (आबनोक्सीयस
		गैसों) के उत्पादन को निवारित करने के लिए
		आवश्यक है।
4. जैव-रसायन		3 मि.ग्रा./लि. या इससे कम जल की जैव रसायन
आक्सीजन मांग (बी ओ डी)		आक्सीजन मांग आक्सीजन डिमांडिंग प्रदूषकों
(27° से. पर 3 दिन)		से युक्त युक्त मुक्ति सुनिश्चित करती है और
		आबनाक्सीयस गैसों के उत्पादन को रोक्ती है।"
(2) अनुसूची 6 के शोर मान दंडों से संबंधित भाग ड में, मोटरगाड़ियों के लिए शोर सीमा से संबंधित भाग क के पश्चात् निम्नलिखित अन्तः		
स्थापित किया जाएगा :—		

“कक. 1 जनवरी, 2003 से मोटर यानों के लिए शोर सीमा

मोटर यानों के लिए निम्नलिखित शोर सीमा 1 जनवरी, 2003 से लागू होगी। अनुसरण किए जाने वाली परीक्षण पद्धति भा मा.

MINISTRY OF ENVIRONMENT AND FORESTS**NOTIFICATION**

New Delhi, the 25th September, 2000

G.S.R. 742(E).— In exercise of the powers conferred by sections 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government hereby makes the following rules further to amend the Environment (Protection) Rules, 1986, namely.

1. (1) These rules may be called the Environment (Protection) Amendment Rules, 2000.
- (2) Save as otherwise provided in this notification, they shall come into force on the date of their publication in the Official Gazette.

2. In the Environment (Protection) Rules, 1986, —
 - (1) In Schedule I, after serial number 89 relating to Noise standards for fire crackers and the entries relating thereto, the following serial numbers and entries shall be inserted, namely:—

“90. Standards for coal mines**1. Air Quality Standards**

The Suspended Particulate Matter (SPM), Respirable Particulate Matter (RPM), Sulphur dioxide (SO₂) and Oxides of Nitrogen (NO_x) concentration in downwind direction considering predominant wind direction, at a distance of 500 metres from the following dust generating sources shall not exceed the standards specified in the Tables I, II and III given below:

Dust Generating Sources

Loading or unloading, Haul road, coal transportation road, Coal handling plant (CHP), Railway siding, Blasting, Drilling, Overburden dumps, or any other dust generating external sources like coke ovens (hard as well as soft), briquette industry, nearby road etc.

93. Primary Water Quality Criteria for Bathing Waters.

In a water body or its part, water is subjected to several types of uses. Depending on the types of uses and activities, water quality criteria have been specified to determine its suitability for a particular purpose. Among the various types of uses there is one use that demands highest level of water quality or purity and that is termed as "Designated Best Use" in that stretch of water body. Based on this, water quality requirements have been specified for different uses in terms of primary water quality criteria. The primary water quality criteria for bathing water are specified along with the rationale in table 1.

Table 1.

PRIMARY WATER QUALITY CRITERIA FOR BATHING WATER (Water used for organised outdoor bathing)

CRITERIA		RATIONALE
1. Fecal Coliform MPN/100 ml:	500 (desirable) 2500 (Maximum Permissible)	To ensure low sewage contamination. Fecal coliform and fecal streptococci are considered as they reflect the bacterial pathogenicity.
2. Fecal Streptococci MPN/100 ml:	100 (desirable) 500 (Maximum Permissible)	The desirable and permissible limits are suggested to allow for fluctuation in environmental conditions such as seasonal change, changes in flow conditions etc.
2. pH:	Between 6.5 –8.5	The range provides protection to the skin and delicate organs like eyes, nose, ears etc. which are directly exposed during outdoor bathing.
3. Dissolved Oxygen:	5 mg/l or more	The minimum dissolved oxygen concentration of 5 mg/l ensures reasonable freedom from oxygen consuming organic pollution immediately upstream which is necessary for preventing production of anaerobic gases (obnoxious gases) from sediment.
4. Biochemical Oxygen demand 3 day,27°C:	3 mg/l or less	The Biochemical Oxygen Demand of 3 mg/l or less of the water ensures reasonable freedom from oxygen demanding pollutants and prevent production of obnoxious gases";

WEST BENGAL POLLUTION CONTROL BOARD

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

Priority	River	Stations	pH(Unit)	(DO)(m g/l)	BOD(mg/l)	Total Coliform(MPN/100m l)	Fecal Colifor m(MPN/ 100ml)	Fecal Strept ococci(MPN/ 100ml)
I	Mahananda	Siliguri (Upstream)	7.35	7.5	1.9	140000	30000	79
	Mahananda	Ramghat(Downstream)	7.49	5.3	22	330000	140000	7000
II	Vidyadhari	Haroa bridge (upstream)	7.34	0.76	10.95	110000	58000	940
	Vidyadhari	Malancha (downstream)	7.71	1.33	8.89	70000	31000	700
II	Churni	Downstream of Ranaghat town	7.82	5.1	2.1	49000	22000	1300
	Churni	Majhdia	7.85	1.9	3.43	17000	5400	430
III	Matha bhanga	Gobindapur	7.89	1.7	3.5	130000	54000	2200
IV	Ganga	Farakka	7.24	6.6	2.2	1100	350	23
	Ganga	Farakka	7.5	7.3	2.8	1100	280	23
	Ganga	Khagra	7.39	7	2.05	1300	540	46
	Ganga	Khagra	7.64	7.2	2.9	2400	920	70
	Ganga	Baharampore	7.27	6.5	1.9	13000	5400	490
	Ganga	Baharampore	7.56	7.3	2.8	17000	5400	700
	Ganga	Gorabazar	7.21	7	2.15	7000	2400	330
	Ganga	Gorabazar	7.52	7	2.9	13000	3500	460
	Ganga	Nabadip	7.64	7.3	2.1	1700	790	49
	Ganga	Nabadip	7.72	6.9	2.9	2400	1300	70
	Ganga	Tribeni	7.61	7.4	2.75	2400	920	46
	Ganga	Tribeni	7.66	6.8	2.8	3500	1700	79
	Ganga	Palta Shitalatala	7.42	7	2.7	7900	2400	330
	Ganga	Palta Shitalatala	7.5	6.5	2.75	11000	2200	330
	Ganga	Palta,	7.49	6.7	2.65	17000	5400	460
	Ganga	Palta	7.48	6.7	2.5	13000	2400	460
	Ganga	Serampore	7.46	6.7	2.8	33000	7900	940
	Ganga	Serampore	7.45	6.7	2.6	46000	14000	700
	Ganga	Dakshmineswar	7.24	5.64	2.81	84000	32000	940
	Ganga	Dakshmineswar	7.34	5.56	2.71	110000	49000	1100
	Ganga	Garden reach	7.51	5.32	2.84	110000	63000	1300
	Ganga	Garden reach	7.54	5.41	2.82	350000	240000	1300
	Ganga	Howrah-shivpur	7.54	5.23	2.9	79000	40000	1100
	Ganga	Howrah-shivpur	7.45	5.51	2.78	240000	130000	1100
	Ganga	Uluberia,	7.98	5.57	2.79	31000	14000	790
	Ganga	Uluberia,	7.32	5.59	2.7	39000	17000	630
	Ganga	Durgachak near Pathikhali,	8.4	6.7	1.3	14000	7000	460
	Ganga	Durgachak near Pathikhali,	8.4	5.1	1.15	17000	9400	460
	Ganga	Diamond harbour,	7.18	5.95	2.74	2100	920	110
	Ganga	Diamond harbour,	7.18	5.71	2.64	4000	2100	200

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

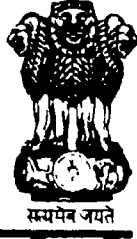
Priority	River	Stations	pH(Unit)	(DO) (mg/l)	BOD (mg/l)	Total Coliform (MPN /100ml)	Fecal Coliform (MPN /100ml)	Fecal Strepto cocci (MPN/ 100ml)
IV	KANSI	Downstream at Midnapore	7.1	5.6	2.45	7000	3300	140
IV	JALANGI,	Downstream of Krishna nagar	7.55	5.3	2.5	13000	5400	490
V	Damodar	Dishergarh	7.61	7.7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

WEST BENGAL POLLUTION CONTROL BOARD

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

Priority	River	Stations	pH(Unit)	(DO) (mg/l)	BOD (mg/l)	Total Coliform (MPN/10 0ml)	Fecal Coliform (MPN/100 ml)	Fecal steptoc occi (MPN/10 0 ml)
Delisted	Silabati	Ghatal (Downstream)	8.37	8	1.55	6300	3300	110
	Mayurakshi	Suri Town	7.93	9.1	1.55	2600	1700	14
	Kaljani	Downstream of Alipurduar	7.48	7.5	1.5	17000	8000	94
	Karola	Downstream of Jalpaiguri	7.13	8.2	2	17000	8000	94
Primary Water quality Criteria for bathing water			6.5-8.5	≥5	≤3		<2500	,500

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.



भारत का राजपत्र The Gazette of India

असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (i)

PART II—Section 3—Sub-section (i)

प्राधिकार से प्रकाशित

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पर्यावरण और वन मंत्रालय

अधिसूचना

नई दिल्ली, 25 सितम्बर, 2000

सा. का. नि. 742(अ).—केन्द्रीय सरकार, पर्यावरण (संरक्षण) अधिनियम, 1996 (1996 का 29) की धारा 6 और धारा 25 द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, पर्यावरण (संरक्षण) नियम, 1996 का और संशोधन करने के लिए निम्नलिखित नियम बनाती है, अर्थात् :—

1. (1) इन नियमों का संक्षिप्त नाम पर्यावरण (संरक्षण) संशोधन नियम, 2000 है।

(2) इस अधिसूचना में अन्यथा जैसा उपबंधित है उसके सिवाय, वे राजपत्र में प्रकाशन की तारीख को प्रवृत्त होंगे।

2. पर्यावरण (संरक्षण) नियम, 1986 में,—

(1) अनुसूची 1 में पटाखों के लिए शोर मानकों से संबंधित क्रम संख्याक 89 और उससे संबंधित प्रविष्टियों के पश्चात् निम्नलिखित क्रम संख्याक और उनसे संबंधित प्रविष्टियां अन्तःस्थापित की जाएंगी, अर्थात् :—

“90. कोयला खानों के लिए मानक

1. वायु क्वालिटी मानक

निम्नलिखित धूल उत्पादक स्रोतों से 500 मीटर की दूरी पर प्रबल हवा की दशा पर विचार करते हुए नीचे की ओर हवा की दिशा में निलंबित कणिकीय पदार्थ (एस. पी. एम.), अन्तः श्वसनीय कणिकीय पदार्थ (आर. पी. एम.), सल्फर डाईआक्साइड (एस ओ₂) और नाइट्रोजन आक्साइड (एन ओ₂) का संकेन्द्रण नीचे दी गई मारणी-I, और II, और III में विनिर्दिष्ट मानकों से अधिक नहीं होगा।

धूल उत्पादन के स्रोत

लदाई या उतराई, कर्षण मड़क, कोयला परिवहन मड़क, कोयला हथालने का संयंत्र (मी. एच. बी.) रेल सरकवां, विस्फोट, छेदन, अधिक ऊंचे ढेर या कोई अन्य धूल उत्पादन के बाहरी स्रोत जैसे कोक भट्टी (कठोर तथा मुलायम), इष्टिका उद्योग, पास की मड़क आदि।

- टिप्पण :— 1. जहां उपचारित बहिस्त्राव ऐसे नगर सीवर में डाला जाता है जो अंतिम उपचार संयंत्र में जाता है, वहां जैव-रसायन आक्सीजन मांग (बी ओ डी) की 100 मि.ग्रा./लि. तक और रसायन आक्सीजन मांग (सी ओ डी) की 400 मि.ग्रा./लि. तक छूट दी जा सकेगी।
2. बहिस्त्राव की क्वालिटी (एक लिटर प्रति किलोग्राम उत्पाद) संयुक्त सूती वस्त्र उद्योग संयुक्त ऊनी वस्त्र उद्योग और टैक्सटाइल प्रसंस्करण उद्योग में क्रमशः 100, 250 और 80 होगी।

93. स्नान-जल के लिए प्राथमिक जल क्वालिटी मानदंड

जलाशय या उसके भाग में के जल का कई प्रकार से उपयोग किया जाता है। जल के उपयोगों और क्रियाकलापों के प्रकार पर निर्भर रहते हुए जल क्वालिटी की कसौटी किसी विशिष्ट प्रयोजन के लिए उसकी उपयुक्तता अवधारित करने के लिए विनिर्दिष्ट कर दी गई है। विभिन्न प्रकार के उपयोगों में एक उपयोग यह भी है जो जल के उच्चतर स्तर की क्वालिटी या शुद्धता की मांग करता है और उस जलाशय के विस्तार में उसे "अभिहित सर्वोत्तम उपयोग" के रूप में जाना जाता है। इस पर आधारित प्राथमिक जल क्वालिटी की कसौटी के निबंधनों के अनुसार विभिन्न उपयोगों के लिए जल क्वालिटी अपेक्षाएं विनिर्दिष्ट की गई हैं। सारणी 1 में स्नान-जल के लिए प्राथमिक जल क्वालिटी की तर्कयुक्त कसौटी विनिर्दिष्ट की गई है।

सारणी 1

स्नान-जल के लिए प्राथमिक जल क्वालिटी मानदंड

(संगठित बाह्य स्नान के लिए प्रयुक्त जल)

मानदंड		तर्कआधार
1. फिकल	500 (वांछनीय)	निम्न मल जल संदूषण सुनिश्चित करने के लिए,
कोली फॉर्म	2500 (अधिकतम अनुज्ञेय)	फिकल कोलीफॉर्म और फिकल स्ट्रेप्टोकोक्का के
एम. पी. एन./100 मि.लि.		बारे में यह माना गया है कि वे जीवाणु रोगोत्पादकता
2. फिकल स्ट्रेप्टोकोक्की	100 (वांछनीय)	को दर्शित करते हैं। वांछनीय और अनुज्ञेय सीमाएं
एम. पी. एन./100 मि.लि.	500 (अधिकतम अनुज्ञेय)	पर्यावरणिय दशाओं में उतार-चढ़ाव
		को अनुज्ञात करने के लिए मुझाव देती हैं जैसे कि
		मौसमी परिवर्तन, बहाव की दशाओं में परिवर्तन
		आदि।
2. पी. एस.	6.5 से 8.5 के बीच	यह रेंज त्वचा और आँख, नाक, कान आदि जैसे
		कोमल अंगों को संरक्षण प्रदान करती है जो बाह्य
		स्नान के दौरान सीधे प्रभावित होते हैं।
3. घुली हुई आक्सीजन		5 मि.ग्रा./लि. के न्यूनतम घुली हुई आक्सीजन
		संकेन्द्रण ठीक ऊपरीधारा में आर्गनिक प्रदूषण युक्त
		आक्सीजन लेने से युक्त युक्त मुक्ति सुनिश्चित करते
		हैं जो तलछट से अनाइरोबिक गैसों (आबनोक्सीयस
		गैसों) के उत्पादन को निवारित करने के लिए
		आवश्यक है।
4. जैव-रसायन		3 मि.ग्रा./लि. या इससे कम जल की जैव रसायन
आक्सीजन मांग (बी ओ डी)		आक्सीजन मांग आक्सीजन डिमांडिंग प्रदूषकों
(27° से. पर 3 दिन)		से युक्त युक्त मुक्ति सुनिश्चित करती है और
		आबनाक्सीयस गैसों के उत्पादन को रोक्ती है।"
(2) अनुसूची 6 के शोर मान दंडों से संबंधित भाग ड में, मोटरगाड़ियों के लिए शोर सीमा से संबंधित भाग क के पश्चात् निम्नलिखित अन्तः		
स्थापित किया जाएगा :—		

“कक. 1 जनवरी, 2003 से मोटर यानों के लिए शोर सीमा

मोटर यानों के लिए निम्नलिखित शोर सीमा 1 जनवरी, 2003 से लागू होगी। अनुसरण किए जाने वाली परीक्षण पद्धति भा मा.

MINISTRY OF ENVIRONMENT AND FORESTS**NOTIFICATION**

New Delhi, the 25th September, 2000

G.S.R. 742(E).— In exercise of the powers conferred by sections 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government hereby makes the following rules further to amend the Environment (Protection) Rules, 1986, namely.

1. (1) These rules may be called the Environment (Protection) Amendment Rules, 2000.
- (2) Save as otherwise provided in this notification, they shall come into force on the date of their publication in the Official Gazette.
2. In the Environment (Protection) Rules, 1986, —
 - (1) In Schedule I, after serial number 89 relating to Noise standards for fire crackers and the entries relating thereto, the following serial numbers and entries shall be inserted, namely:—

“90. Standards for coal mines**1. Air Quality Standards**

The Suspended Particulate Matter (SPM), Respirable Particulate Matter (RPM), Sulphur dioxide (SO₂) and Oxides of Nitrogen (NO_x) concentration in downwind direction considering predominant wind direction, at a distance of 500 metres from the following dust generating sources shall not exceed the standards specified in the Tables I, II and III given below:

Dust Generating Sources

Loading or unloading, Haul road, coal transportation road, Coal handling plant (CHP), Railway siding, Blasting, Drilling, Overburden dumps, or any other dust generating external sources like coke ovens (hard as well as soft), briquette industry, nearby road etc.

93. Primary Water Quality Criteria for Bathing Waters.

In a water body or its part, water is subjected to several types of uses. Depending on the types of uses and activities, water quality criteria have been specified to determine its suitability for a particular purpose. Among the various types of uses there is one use that demands highest level of water quality or purity and that is termed as "Designated Best Use" in that stretch of water body. Based on this, water quality requirements have been specified for different uses in terms of primary water quality criteria. The primary water quality criteria for bathing water are specified along with the rationale in table 1.

Table 1.

PRIMARY WATER QUALITY CRITERIA FOR BATHING WATER (Water used for organised outdoor bathing)

CRITERIA		RATIONALE
1. Fecal Coliform MPN/100 ml:	500 (desirable) 2500 (Maximum Permissible)	To ensure low sewage contamination. Fecal coliform and fecal streptococci are considered as they reflect the bacterial pathogenicity.
2. Fecal Streptococci MPN/100 ml:	100 (desirable) 500 (Maximum Permissible)	The desirable and permissible limits are suggested to allow for fluctuation in environmental conditions such as seasonal change, changes in flow conditions etc.
2. pH:	Between 6.5 –8.5	The range provides protection to the skin and delicate organs like eyes, nose, ears etc. which are directly exposed during outdoor bathing.
3. Dissolved Oxygen:	5 mg/l or more	The minimum dissolved oxygen concentration of 5 mg/l ensures reasonable freedom from oxygen consuming organic pollution immediately upstream which is necessary for preventing production of anaerobic gases (obnoxious gases) from sediment.
4. Biochemical Oxygen demand 3 day,27°C:	3 mg/l or less	The Biochemical Oxygen Demand of 3 mg/l or less of the water ensures reasonable freedom from oxygen demanding pollutants and prevent production of obnoxious gases";

Details of Industrial Effluent & Solid Wastes generation from Grossly Polluting Industries

Sl. No.	Name of Unit	Waste water Generated in KLD (Kilo Litter per Day)	ETP (Effluent Treatment Plant)	Effluent analysis report			Industrial solid waste generation and manner of its disposal
				(d)			
(a)	(b)	(c)	Parameters	Result obtained (mg/l except pH)	Permissible Limit (mg/l except pH)	(e)	
1	M/s Krishna Tissues Pvt. Ltd.	Industrial -365 Domestic -20	ETP exists and treated effluent complies with environmental norms.	pH	6.92	Between 6.5-8.5	Ash – 90 TPM- Landfilling ETP Sludge- 44 TPM - Landfilling Grease /Oil-0.5 Kg/day authorised recycler Board trimmings- 370 TPM recycled in process
				TSS	50.00	100	
				BOD	Not done	30	
				COD	19.44	250	
				O&G	BDL	-	
				BDL- Below detection limit			

Details of Industrial Effluent & Solid Wastes generation from Grossly Polluting Industries

Sl. No.	Name of Unit	Waste water Generated in KLD (Kilo Litter per Day)	ETP (Effluent Treatment Plant)	Effluent analysis report			Industrial solid waste generation and manner of its disposal			
				(d)						
(a)	(b)	(c)	Parameters	Result obtained (mg/l except pH)	Permissible Limit (mg/l except pH)	(e)				
2	M/s Pepsico India Holdings Pvt. Ltd. (Fritolay Division)	Industrial - 1624.4 Domestic - 96.88	ETP exists and treated effluent complies with environmental norms.	pH	7.35	Between 6.5-8.5	ETP/STP/Biomethane sludge – 770 TPM- Bio-methamation/ to be given out for composting			
				TSS	46.00	50				
				BOD	Not done	30				
				COD	18.62	-				
				O&G	BDL	10				
				BDL- Below detection limit			Last effluent analysis report dt.18/01/2024 compliant with prescribed standards			Waste potato, meals, peels etc. 1410 TPM -Bio-methamation/ to be given out for composting
										Food waste- 9 TPM to be given out for composting/landfilling
						Rice husk ash- 2100 TPM - to be given out for composting/landfilling				

					<p>Finished products waste (food waste)- 500 TPM- to be sold out for animal/poultry feed</p> <p>Poly films/carton/paper waste- 116 TPM to be sold out to registered recycling unit.</p>
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Details of Industrial Effluent & Solid Wastes generation from Grossly Polluting Industries

Sl. No.	Name of Unit	Waste water Generated in KLD (Kilo Litter per Day)	ETP (Effluent Treatment Plant)	Effluent analysis report			Industrial solid waste generation and manner of its disposal
				(d)			
(a)	(b)	(c)	Parameters	Result obtained (mg/l except pH)	Permissible Limit (mg/l except pH)	(e)	
3	M/s Berger Paints India Limited	Mixed = 58.2 Domestic = 11	ETP exists and treated effluent complies with environmental norms.	pH	7.64	Between 6.0-8.5	Reject & Packaging items – 1100 pcs. – Recycled Canteen/ Domestic waste – 4 Kg/day - HMC vat
				TSS	90	100	
				BOD	Not done	50	
				COD	18.14	250	
				O&G	BDL	10	
				Phenolics as C6 H5OH	NT	1.0	
				Lead as Pb	BDL	0.1	
				Total Cr	BDL	2.0	
				Copper as Cu	BDL	2.0	
				Nickel as Ni	BDL	2.0	
				Zinc as Zn	BDL	5.0	
				Cr+6	BDL	0.1	
				BDL- Below detection limit NT – Not traceable			
				Last effluent analysis report dt.26/04/2024 compliant with prescribed standards			

Details of Industrial Effluent & Solid Wastes generation from Grossly Polluting Industries

Sl. No.	Name of Unit	Waste water Generated in KLD (Kilo Litter per Day)	ETP (Effluent Treatment Plant)	Effluent analysis report			Industrial solid waste generation and manner of its disposal
				(d)			
(a)	(b)	(c)	Parameters	Result obtained (mg/l except pH)	Permissible Limit (mg/l except pH)	(e)	
4	M/s Madhubati Papers (P) Ltd.	Industrial- 120 Domestic - 28	ETP exists and treated effluent complies with environmental norms.	pH	7.49	Between 6.0-8.5	ETP sludge- 1.2 TPD- as per Hazardous Waste Rules
				TSS	18.00	100	
				BOD	Not done	50	
				COD	21.00	250	
				Last effluent analysis report dt.28/05/2024 compliant with prescribed standards			
						Plastics etc.- 3.003 TPD registered recycler	
						Wasted resin of DM unit- 0.82 Kg/day as per Hazardous Waste Rules	

Details of Industrial Effluent & Solid Wastes generation from Grossly Polluting Industries

Sl No	Name of Unit	Waste water Generated in KLD (Kilo Litter per Day)	ETP (Effluent Treatment Plant)	Effluent analysis report			Industrial solid waste generation and manner of its disposal				
				(d)							
	(a)	(b)	(c)	Parameter	Result obtained	Permissible Limit	(e)				
1	M/s ITC LTD (P.S.P.D) Unit: Tribeni	17495	ETP exists and treated effluent complies with environmental norms.	BOD(3Days@27 ⁰ C)	Not Done	20 mg/L	<ul style="list-style-type: none"> • Fly Ash - 6060 MT/month – Disposal to brickfields & land filling. • Cinder Ash - 1500 MT/month - Land filling. 				
				COD	17.34 mg/L	150 mg/L					
				Copper	BDL	03 mg/L					
				Iron	BDL	03 mg/L					
				O&G	BDL	---					
				Phosphate -P	0.04 mg/L	05 mg/L					
				pH	7.22	6.5-8.5					
				TDS(@ 180 ⁰ C)	996.00 mg/L	1600 mg/L					
				Cr (Total)	BDL	02 mg/L					
				TSS	22.00 mg/L	30 mg/L					
				SAR	3.17	08 (Units)					
				BDL: Below Detection Limit.							
				Last effluent analysis report dt.19/04/2024 compliant with prescribed standards.							
2	M/s. PMC Rubber Chemicals India Pvt. Ltd.	220	ETP exists and treated effluent complies with environmental norms.	Arsenic	BDL	0.20 mg/L	<ul style="list-style-type: none"> • Spent Solvents - 1200 Kg/month – Through Authorized Recyclers. • Spent Oil – 30 Kg/month – Through Authorized Recyclers. • Distillation Residues – 24 MT/month – Through Common Hazardous Waste Treatment, Storage and Disposal Facility (CHWTSDF). • ETP Sludge – 0.12 MT/month - Through Common Hazardous Waste Treatment, Storage and Disposal Facility (CHWTSDF). • Ash – 1500 Kg/month – Land filling. 				
				BOD (3Days@27 ⁰ C)	Not Done	30 mg/L					
				Chromium (6+)	BDL	0.10 mg/L					
				COD	15.30 mg/L	250 mg/L					
				Copper	BDL	2.0 mg/L					
				Cyanide	BDL	0.20 mg/L					
				Lead	BDL	0.10 mg/L					
				Mercury	BDL	0.01 mg/L					
				Nickel	BDL	2.0 mg/L					
				Nitrate -N	0.33 mg/L	10 mg/L					
				O&G	BDL	10 mg/L					
				Phenols	BDL	5.0 mg/L					
				pH	7.05	6.5-8.5					
				Cr (Total)	BDL	1.0 mg/L					
				TSS	62.00 mg/L	100 mg/L					
				Zinc	BDL	5.0 mg/L					

				Sulfide	NT	2.0 mg/L	
				BDL: Below Detection Limit.			
				NT: Not Traceable.			
				Last effluent analysis report dt.09/04/2024 compliant with prescribed standards.			
3	M/s. Berger Paints India Ltd.	65	ETP exists and treated effluent complies with environmental norms.	Arsenic	BDL	0.2	<ul style="list-style-type: none"> • Wooden Box - 01 MT/month – Disposal to local vendor. • Carton Box - 04 MT/month – Disposal to local vendor. • ETP Sludge – 0.917 MT/month - Disposal to Common Hazardous Waste Treatment, Storage and Disposal Facility (CHWTSDF). • Sweeping Dust – 0.291 MT/month - Disposal to Common Hazardous Waste Treatment, Storage and Disposal Facility (CHWTSDF). • Solvent Recovery Residue – 0.231 MT/month - Disposal to Common Hazardous Waste Treatment, Storage and Disposal Facility (CHWTSDF). • Spent Oil -0.034 MT/month – Disposal to authorized recycler.
				BOD (3Days@27°C)	Not Done	30 mg/L	
				Chromium (6+)	BDL	0.1 mg/L	
				COD	22.94 mg/L	250 mg/L	
				Copper	BDL	2.0 mg/L	
				Lead	BDL	0.1 mg/L	
				Nickel	BDL	2.0 mg/L	
				O&G	BDL	10 mg/L	
				Phenols	NT	1.0 mg/L	
				pH	6.94	6.5-8.5	
				Total Chromium	BDL	2.0 mg/L	
				TSS	62.00 mg/L	100 mg/L	
				Zinc	BDL	5.0 mg/L	
				BDL: Below Detection Limit.			
				NT: Not Traceable.			
				Last effluent analysis report dt.09/04/2024 compliant with prescribed standards.			

4	M/s. Mother Dairy Calcutta.	400	ETP exists and treated effluent mostly complies with environmental norms.	BOD (3Days@27°C)	53.85 mg/L	100 mg/L	<ul style="list-style-type: none"> • Paper Bag - 11.3 MT/month – Disposal to authorized recycler.
				O&G	1.30 mg/L	10 mg/L	
				pH	7.66	5.5-9.0	
				TSS	310.00 mg/L	100 mg/L	
				Last effluent analysis report dt.18/04/2024 compliant with prescribed standards with the exception of TSS (Total Suspended Solids). Previous, effluent sampling dt.15/01/24, 03/11/23, 05/07/23, and 16/05/23 have met the prescribed standard of the State Board.			

5	M/s. Bandel Thermal Power Station (B.T.P.S)	977310 (Including cooling water discharge of 964560 KLD)	ETP exists and treated effluent complies with environmental norms.	<p><i>Town Sullage/River Hooghly & Agricultural Land</i></p> <table border="1" data-bbox="844 155 1432 370"> <tr> <td>BOD(3Days @27°C)</td> <td>Not Done</td> <td>30 mg/L</td> </tr> <tr> <td>COD</td> <td>21.82 mg/L</td> <td>250 mg/L</td> </tr> <tr> <td>O&G</td> <td>1.20 mg/L</td> <td>10 mg/L</td> </tr> <tr> <td>pH</td> <td>8.10</td> <td>5.5-9.0</td> </tr> <tr> <td>TSS</td> <td>58.00 mg/L</td> <td>100 mg/L</td> </tr> </table> <p><i>Ash Pond Overflow/River Hooghly</i></p> <table border="1" data-bbox="844 406 1432 503"> <tr> <td>O&G</td> <td>1.40 mg/L</td> <td>20 mg/L</td> </tr> <tr> <td>pH</td> <td>7.78 mg/L</td> <td>6.5-8.5</td> </tr> <tr> <td>TSS</td> <td>54.00 mg/L</td> <td>100 mg/L</td> </tr> </table> <p><i>(D.M Plant discharge + Canteen)/River Hooghly</i></p> <table border="1" data-bbox="844 565 1432 763"> <tr> <td>BOD(3Day @27°C)</td> <td>Not Done</td> <td>30 mg/L</td> </tr> <tr> <td>COD</td> <td>19.84 mg/L</td> <td>250 mg/L</td> </tr> <tr> <td>O&G</td> <td>1.10 mg/L</td> <td>10 mg/L</td> </tr> <tr> <td>pH</td> <td>8.00</td> <td>5.5-9.0</td> </tr> <tr> <td>TSS</td> <td>48.00 mg/L</td> <td>100 mg/L</td> </tr> </table> <p>Last effluent analysis report dt.30/04/2024 compliant with prescribed standards.</p>			BOD(3Days @27°C)	Not Done	30 mg/L	COD	21.82 mg/L	250 mg/L	O&G	1.20 mg/L	10 mg/L	pH	8.10	5.5-9.0	TSS	58.00 mg/L	100 mg/L	O&G	1.40 mg/L	20 mg/L	pH	7.78 mg/L	6.5-8.5	TSS	54.00 mg/L	100 mg/L	BOD(3Day @27°C)	Not Done	30 mg/L	COD	19.84 mg/L	250 mg/L	O&G	1.10 mg/L	10 mg/L	pH	8.00	5.5-9.0	TSS	48.00 mg/L	100 mg/L	<ul style="list-style-type: none"> • Metal scrap etc. – 17,000 Kg/month – Through sale (By auction to regd. takers). • Dry fly ash- 34,860 MT/month – Through sale (Sale to cement/brick industry). • Bottom Ash – 11,640 MT/month – Disposed through ash pond for landfill/road construction etc. • Used oil – 0.56 MT/month – Disposed through authorized recyclers. • Empty oil drum/container – 0.142 MT/month – Disposed through authorized recyclers. • Waste lead acid battery – 0.01 Kg/month – Buy back by OEM (Original Equipment Manufacturer).
BOD(3Days @27°C)	Not Done	30 mg/L																																												
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6	M/s. Bengal Beverages Pvt. Ltd.	700	ETP exists and treated effluent complies with environmental norms.	<table border="1" data-bbox="844 945 1432 1247"> <tr> <td>BOD(3Days@27°C)</td> <td>Not Done</td> <td>30 mg/L</td> </tr> <tr> <td>Cadmium</td> <td>BDL</td> <td>2.0 mg/L</td> </tr> <tr> <td>COD</td> <td>21.12 mg/L</td> <td>250 mg/L</td> </tr> <tr> <td>Lead</td> <td>BDL</td> <td>0.1 mg/L</td> </tr> <tr> <td>O&G</td> <td>BDL</td> <td>10 mg/L</td> </tr> <tr> <td>pH</td> <td>7.90</td> <td>6.5-8.5</td> </tr> <tr> <td>TSS</td> <td>64.00 mg/L</td> <td>100 mg/L</td> </tr> </table> <p>BDL: Below Detection Limit.</p>			BOD(3Days@27°C)	Not Done	30 mg/L	Cadmium	BDL	2.0 mg/L	COD	21.12 mg/L	250 mg/L	Lead	BDL	0.1 mg/L	O&G	BDL	10 mg/L	pH	7.90	6.5-8.5	TSS	64.00 mg/L	100 mg/L	<ul style="list-style-type: none"> • Wooden Scrap – 50 MT/month- Disposal to local vendor. • Carton Paper – 35 MT/month – Disposal to local vendor. • Plastic Waste – 45 Mt/month – Disposal to authorized recycler. • Broken Glass – 120 MT/month – Disposal to authorized recycler. 																		
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				Last effluent analysis report dt. 22/03/2024 compliant with prescribed standards.																																																			
7	M/s. Bengal Beverages Pvt. Ltd.(Unit –II)	590	ETP exists and treated effluent complies with environmental norms.	<p><i>Outlet of ETP.</i></p> <table border="1"> <tr> <td>BOD (3Days@27 °C)</td> <td>Not Done</td> <td>30 mg/L</td> </tr> <tr> <td>Cadmium</td> <td>BDL</td> <td>2.0 mg/L</td> </tr> <tr> <td>COD</td> <td>22.40 mg/L</td> <td>250 mg/L</td> </tr> <tr> <td>Lead</td> <td>BDL</td> <td>0.1 mg/L</td> </tr> <tr> <td>O&G</td> <td>BDL</td> <td>10 mg/L</td> </tr> <tr> <td>pH</td> <td>8.10</td> <td>6.5-8.5</td> </tr> <tr> <td>TSS</td> <td>54.00 mg/L</td> <td>100 mg/L</td> </tr> <tr> <td colspan="3">BDL: Below Detection Limit.</td> </tr> <tr> <td colspan="3"><i>Outlet of ETP of Expansion unit.</i></td> </tr> <tr> <td>BOD (3Days@27 °C)</td> <td>Not Done</td> <td>30 mg/L</td> </tr> <tr> <td>Cadmium</td> <td>BDL</td> <td>2.0 mg/L</td> </tr> <tr> <td>COD</td> <td>12.48 mg/L</td> <td>250 mg/L</td> </tr> <tr> <td>Lead</td> <td>BDL</td> <td>0.1 mg/L</td> </tr> <tr> <td>O&G</td> <td>BDL</td> <td>10 mg/L</td> </tr> <tr> <td>pH</td> <td>8.23</td> <td>6.5-8.5</td> </tr> <tr> <td>TSS</td> <td>42.00 mg/L</td> <td>100 mg/L</td> </tr> </table> <p>Last effluent analysis report dt. 22/03/2024 compliant with prescribed standards.</p>			BOD (3Days@27 °C)	Not Done	30 mg/L	Cadmium	BDL	2.0 mg/L	COD	22.40 mg/L	250 mg/L	Lead	BDL	0.1 mg/L	O&G	BDL	10 mg/L	pH	8.10	6.5-8.5	TSS	54.00 mg/L	100 mg/L	BDL: Below Detection Limit.			<i>Outlet of ETP of Expansion unit.</i>			BOD (3Days@27 °C)	Not Done	30 mg/L	Cadmium	BDL	2.0 mg/L	COD	12.48 mg/L	250 mg/L	Lead	BDL	0.1 mg/L	O&G	BDL	10 mg/L	pH	8.23	6.5-8.5	TSS	42.00 mg/L	100 mg/L	<ul style="list-style-type: none"> • Wooden Scrap -10 MT/month – Disposal to local vendor. • Plastic waste -20 MT/month – Disposal to authorized recycler. • Carton Paper - 500 Kg/month – Disposal to local vendor.
BOD (3Days@27 °C)	Not Done	30 mg/L																																																					
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8	M/s. Cygnet Industries Ltd.	11670	ETP exists and treated effluent complies with environmental norms.	<table border="1"> <tr> <td>BOD (3Days@27 °C)</td> <td>Not Done</td> <td>30 mg/L</td> </tr> <tr> <td>COD</td> <td>16.86 mg/L</td> <td>250 mg/L</td> </tr> <tr> <td>Copper</td> <td>BDL</td> <td>3 mg/L</td> </tr> <tr> <td>Iron</td> <td>1.03 mg/L</td> <td>3 mg/L</td> </tr> <tr> <td>O&G</td> <td>BDL</td> <td>10 mg/L</td> </tr> <tr> <td>Phenols</td> <td>0.26 mg/L</td> <td>1.0 mg/L</td> </tr> <tr> <td>Phosphate – P</td> <td>0.05 mg/L</td> <td>5 mg/L</td> </tr> <tr> <td>pH</td> <td>7.10</td> <td>6.5-8.5</td> </tr> <tr> <td>Total Chromium</td> <td>BDL</td> <td>2.0 mg/L</td> </tr> <tr> <td>TSS</td> <td>38.00 mg/L</td> <td>100 mg/L</td> </tr> <tr> <td>Zinc</td> <td>0.82 mg/L</td> <td>5 mg/L</td> </tr> <tr> <td>Sulfide</td> <td>NT</td> <td>2.0 mg/L</td> </tr> </table>	BOD (3Days@27 °C)	Not Done	30 mg/L	COD	16.86 mg/L	250 mg/L	Copper	BDL	3 mg/L	Iron	1.03 mg/L	3 mg/L	O&G	BDL	10 mg/L	Phenols	0.26 mg/L	1.0 mg/L	Phosphate – P	0.05 mg/L	5 mg/L	pH	7.10	6.5-8.5	Total Chromium	BDL	2.0 mg/L	TSS	38.00 mg/L	100 mg/L	Zinc	0.82 mg/L	5 mg/L	Sulfide	NT	2.0 mg/L	<p>BDL: Below Detection Limit. NT: Not Traceable.</p> <p>Last effluent analysis report dt.19/01/2024 compliant with prescribed standards.</p>	<ul style="list-style-type: none"> • ETP sludge (Zinc bearing) - 1.154 MT/month - – Disposal to Common Hazardous Waste Treatment, Storage and Disposal Facility (CHWTSDF). • Process Wastes - 14.252 MT/month - Disposal to Common Hazardous Waste Treatment, Storage and Disposal Facility (CHWTSDF). • Lime & Salt Bags -0.144 MT/month – Disposal to Common Hazardous Waste Treatment, Storage and Disposal Facility (CHWTSDF). • Construction & Demolition (C&D) Wastes - 1.25 MT/month – Disposal to authorized recycler. • Boiler Cinder – 52.50 MT/month – Land filling. • Cardboard Paper -1.54 MT/month – Disposal to local vendor. • Metallic Scrap -7.61 MT/month - Disposal to local vendor. • Rejected Bearing -0.185 MT/month - Disposal to local vendor. • Non-metallic scrap – 0.307 MT/month - Disposal to local vendor. • Solid wastes containing Sulphur – 12.67 MT/month - Disposal to Common Hazardous Waste Treatment, Storage and Disposal Facility (CHWTSDF). • Lead Scrap –1.69 MT/month - Disposal to Common Hazardous Waste Treatment, Storage and Disposal Facility (CHWTSDF). • Drums, Jars- 144 Pcs/month – Disposal to authorized recycler. • Electrical goods/Cable -0.097 MT/month -Disposal to authorized recycler.
BOD (3Days@27 °C)	Not Done	30 mg/L																																								
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9	M/s Nalco Water India Limited.	34	ETP exists and treated effluent complies with environmental norms.	BOD (3Days@27 °C)	Not Done	30 mg/L	<ul style="list-style-type: none"> • Scrap containers -10,000 Kg/month –Disposal to authorized recycler. • ETP Sludge – 0.435 MT/month - Disposal to Common Hazardous Waste Treatment, Storage and Disposal Facility (CHWTSDF).
				COD	15.81 mg/L	250 mg/L	
				Copper	BDL	03 mg/L	
				O&G	BDL	10 mg/L	
				Phosphate – P	0.07 mg/L	05 mg/L	
				pH	7.33	5.5-9	
				TSS	74.00 mg/L	100 mg/L	
				Zinc	BDL	05 mg/L	
				BDL: Below Detection Limit.			
				Last effluent analysis report dt.19/04/2024 compliant with prescribed standards.			
10	M/s Grasim Industries Ltd.(Unit Jayashree Textiles.)	2100	ETP exists and treated effluent complies with environmental norms.	Ammoniacal Nitrogen	5.69 mg/L	50 mg/L	<ul style="list-style-type: none"> • ETP sludge - 208.334 MT/month – Disposal to Common Hazardous Waste Treatment, Storage and Disposal Facility (CHWTSDF). • Waste Flax dust & Boiler Ash - 900 MT/month – Land filling. • Used Oil – 0.834 MT/month - Disposal to authorized recyclers. • Container/Barrel/Drums – 9.167 MT/month – Disposal to authorized recyclers. • Mud – 60 MT/month – Land filling.
				BOD (3Days@27 °C)	Not Done	30 mg/L	
				COD	15.30 mg/L	250 mg/L	
				O&G	BDL	10 mg/L	
				Phenols	NT	1.0 mg/L	
				pH	6.62	6.5-8.5	
				TDS(@180°C)	284.00 mg/L	2100 mg/L	
				Total Chromium	BDL	2.0 mg/L	
				TSS	72.00 mg/L	100 mg/L	
				SAR	6.52	26	
				Sulfide	NT	2.0 mg/L	
				BDL: Below Detection Limit.			
				NT: Not Traceable.			
				Last effluent analysis report dt.09/04/2024 compliant with prescribed standards.			

Details of Industrial Effluent & Solid Waste generation from Grossly Polluting Industries (GPIs)

Sl. No.	Name and Address of the unit	Waste water generated (KLD)	ETP	Point of collection	Effluent analysis report			Industrial solid waste generation and method of disposal
					Parameters	Result obtained (mg / l, except pH)	Permissible limit (mg / l, except pH)	
1.	M/s Adani Wilmar Ltd. (Unit – I) HPL Link Road, P. O. – Debhog P. S. – Bhabanipur Dist. – Purba Medinipur Pin - 721657	90	ETP exists and treated effluent is complied with environmental norms	ETP outlet	BOD	Not done	100	a) Fly ash: 2770 TPM, disposed off for land filling b) Spent Earth: 200 TPM, sold to outside vendor
					COD	8.00	200	
					TSS	10.00	150	
					pH	7.40	6.5 – 8.5	
					O & G	<1.00	20	
2.	M/s Adani Wilmar Ltd. (Unit – II) HPL Link Road, P. O. – Debhog P. S. – Bhabanipur Dist. – Purba Medinipur, Pin - 721657	150	ETP exists and treated effluent is complied with environmental norms	ETP outlet	BOD	Not done	100	a) Fly ash: 10 TPD, disposed off for land filling b) Spent Earth: 8 TPD, sold to outside vendor
					COD	8.91	200	
					TSS	4.00	100	
					pH	7.40	5.5 – 9.0	
					O & G	BDL	20	
3.	M/s Emami Agrotech Ltd. P. O. – Debhog, P. S. – Bhabanipur Dist. – Purba Medinipur, Pin - 721657	196.6	ETP exists and treated effluent is complied with environmental norms	ETP outlet	BOD	Not done	30	a) Spent Nickel Catalyst- 2 MT / month, disposed through CHWTSDF b) ETP sludge- 25 MT / month, disposed through CHWTSDF c) Coal Ash & APCD Dust- 120 MT/month, disposed off in an eco-friendly manner.
					COD	8.25	250	
					TSS	8.00	100	
					pH	7.70	5.5 – 9.0	
					O & G	BDL	10	
4.	M/s Exide Industries Ltd.	30	ETP exists and treated effluent is	Traction ETP	BOD	Not done	30	Lime Sludge- 1.40 MT/Day, sold to
					COD	7.00	250	

	P. O. & P. S. – Durgachak Dist – Purba Medinipur, Pin - 721602		complied with environmental norms	outlet	TSS	10.00	100	outside vendor
				Lagoon discharge to GBC	pH	7.80	5.5 – 9.0	
					O & G	BDL	10	
					Pb	BDL	0.1	
					BOD	Not done	30	
					COD	8.00	250	
					TSS	12.00	100	
					pH	7.60	5.5 – 9.0	
					O & G	BDL	10	
					Pb	BDL	0.1	
5.	M/s Haldia Energy Ltd. (CESC) Vill – Baneswarchak, P. O. - Golapchak, P. S. – Durgachak Dist. – Purba Medinipur, Pin - 721658	8248	ETP exists and treated effluent is complied with environmental norms	Outlet to Guard Pond / to River Hooghly	BOD	Not done	30	Fly Ash- 75000
					COD	6.93	250	TPM, disposed off for land filling
					TSS	14.00	100	
					pH	7.90	5.5 – 9.0	Bottom Ash- 5200
					O & G	<1.00	10	TPM, disposed off for land filling
					Fe	0.17	1.0	
					Total Cr	BDL	0.2	
					Cu	BDL	1.0	
					Zn	0.12	1.0	
					Phosphate - P	0.13	5.0	
6.	M/s Haldia Petrochemicals Ltd. HPL Link Road P. O. & P. S. – Durgachak Dist. – Purba Medinipur, Pin - 721602	8620	ETP exists and treated effluent is complied with environmental norms	Outlet to ETP	BOD	Not done	30	Fly Ash- 178144
					COD	23.71	250	MT/Year, disposed off for land filling
					TSS	16.00	100	
					pH	7.50	5.5 – 9.0	
					O & G	BDL	10	Bed Ash- 118763
					Phenols	BDL	1.0	MT/Year, disposed off for land filling
					Fe	0.73	1.0	
					Cr ⁺⁶	BDL	0.1	
					Total Cr	BDL	2.0	
					Cu	BDL	1.0	
					Zn	0.30	1.0	
					Phosphate - P	0.12	5.0	
					CN	0.14	0.2	
					Fluoride	0.38	5.0	
7.	M/s Indian Oil Corporation Ltd. (Haldia Refinery) P. O. – Haldia Oil Refinery	5760	ETP exists and treated effluent is complied with environmental	Outlet of old ETP	BOD	Not done	30	NIL
					COD	14.29	250	
					TSS	10.00	100	
					pH	7.30	5.5 – 9.0	

P. S. - Haldia
 Dist – Purba Medinipur, Pin - 721606

		norms			
	Outlet of new ETP	O & G	BDL	10	
		Phenols	BDL	0.35	
Final Plant outlet to River Hooghly		NH ₄ - N	1.00	15.0	
		Cr ⁺⁶	BDL	0.1	
		Total Cr	BDL	2.0	
		Cu	BDL	1.0	
		Zn	0.10	5.0	
		Phosphate - P	0.22	3.0	
		CN	BDL	0.20	
		Pb	BDL	0.1	
		Hg	BDL	0.01	
		Ni	BDL	1.0	
		Sulphide	BDL	0.5	
		BOD	4.84	30	
		COD	39.80	250	
		TSS	18.00	100	
		pH	7.20	5.5 – 9.0	
		O & G	<1.0	10	
		Phenols	BDL	0.35	
		NH ₄ - N	1.18	15.0	
		Cr ⁺⁶	BDL	0.1	
		Total Cr	BDL	2.0	
Cu	BDL	1.0			
Zn	0.13	5.0			
Phosphate - P	0.18	3.0			
CN	BDL	0.20			
Pb	BDL	0.1			
Hg	BDL	0.01			
Ni	BDL	1.0			
Sulphide	BDL	0.5			
BOD	6.42	30			
COD	45.92	250			
TSS	18.00	100			
pH	7.70	5.5 – 9.0			
O & G	<1.00	10			
Phenols	BDL	0.35			
NH ₄ - N	5.28	15.0			
Cr ⁺⁶	BDL	0.1			

					Total Cr	BDL	2.0	
8.	M/s Indorama India Pvt. Ltd. P. O. & P. S. – Durgachak Dist. – Purba Medinipur, Pin - 721602	1104	ETP exists and treated effluent is complied with environmental norms	Outlet of ETP to Recycling plant	BOD COD TSS pH O & G Phosphate - P Fluoride NH ₄ - N	Not done 16.50 16.00 7.00 BDL 0.12 0.42 BDL	30 250 100 5.5 – 9.0 10 5.0 10 50	Fly Ash- 200 TPM, reused in process Metallic Scrap- 100 TPM, Sold outside
9.	M/s IVL Dhunseri Petrochem Industries Pvt. Ltd. HPL Link Road, P. O. – Khanjanchak P. S. – Durgachak Dist. – Purba Medinipur, Pin - 721602	403	ETP exists and treated effluent is complied with environmental norms	Combined outlet of ETP – I & ETP – II Outlet of East drain to GBC	BOD COD TSS pH O & G Phenols CN Cr ⁺⁶ Total Cr Sulphide Fluoride BOD COD TSS pH O & G Phenols CN Cr ⁺⁶ Total Cr Sulphide	Not done 16.83 10.00 7.50 BDL BDL BDL BDL BDL 0.42 Not done 8.91 12.00 7.20 BDL BDL BDL BDL 0.42 Not done 8.91 12.00 7.20 BDL BDL BDL BDL 0.42	30 250 100 5.5 – 9.0 10 1.0 1.0 0.2 0.1 2.0 2.0 5.0 30 250 100 5.5 – 9.0 10 1.0 0.2 0.1 2.0 2.0	Fly Ash- 3961 MT/month, used for Land filling. Polyster lump- 80 MT/day, Recycle ETP sludge- 10 Kg/day, send to M/s WBWML Empty bag/scrap- 7.0 MT/month, Sold to authorized recycler.

10.	M/s Kolaghat Thermal Power Station (WBPDCL) P. O. – Mechada, P. S. – Kolaghat Dist. – Purba Medinipur, Pin - 721137	19913	ETP exists and treated effluent is complied with environmental norms	ETP outlet to Guard Pond	Fluoride TSS pH O & G Fe Total Cr Cu Zn Phosphate - P TSS pH O & G	0.14 8.00 7.40 <1.00 0.10 BDL BDL 0.11 0.12 18.00 7.60 1.20	5.0 100 5.5 – 9.0 10 1.0 0.2 1.0 1.0 5.0 100 5.5 – 9.0 10	Coal ash- 1658838 TPA, cement, brick mfg & land development as per the Flay ash Notification.
11.	M/s MCPI Pvt. Ltd. P. O. – Bhuniarachak P. S. – Durgachak Dist – Purba Medinipur, Pin - 721635	30792	ETP exists and treated effluent is complied with environmental norms	Outlet of old ETP Outlet of new ETP	BOD COD TSS pH O & G Sulphide Phenols CN Cr ⁺⁶ Total Cr Fluoride BOD COD TSS pH O & G Sulphide Phenols CN Cr ⁺⁶ Total Cr Fluoride BOD COD	9.70 57.42 26.00 8.00 1.00 BDL BDL BDL BDL BDL 0.52 4.08 58.41 82.00 8.10 <1.00 BDL BDL BDL BDL BDL 0.1 2.0 5.0 30 250 100 5.5 – 9.0 10 2 1.0 0.2 0.1 2.0 5.0 30 250 100 5.5 – 9.0 10 2 1.0 0.2 0.1 2.0 5.0 30 250	NIL	
				Plant outlet to	BOD COD	3.24 60.39	30 250	

	River Hooghly	TSS	56.00	100		
					pH	8.30
		O & G	BDL	10		
		Sulphide	BDL	2		
		Phenols	BDL	1.0		
		CN	BDL	0.2		
		Cr ⁺⁶	BDL	0.1		
		Total Cr	BDL	2.0		
		Fluoride	0.53	5.0		
12.	M/s Patanjani Foods Ltd. Tentulberia, P. O. – Debhog P. S. – Bhabanipur Dist. – Purba Medinipur, Pin - 721602	Outlet of ETP	BOD	3.35	30	ETP sludge- 1.6 MT, Sent to TSDF
			COD	32.00	250	
			TSS	54.00	100	
			pH	7.50	5.5 – 9.0	Ash- 2000 MT, land filling
			O & G	1.10	10	
			BOD		30	ETP sludge- 300 kg/month, used as organic manure
			COD		250	
13.	M/s Shree Renuka Sugars Ltd. Hatiberia, P. O. - Debhog, P. S. – Haldia Dist. – Purba Medinipur, Pin – 721657	Outlet of ETP	TSS		100	
			pH		5.5 – 9.0	
			O & G		10	
			TDS		2100	Scum- 210 T/month, used in cement/brick mfg. Fly Ash- 2400 T/month, used in cement/brick mfg.
			BOD		30	
			COD		250	
			TSS		100	
14.	M/s SVAKSHA Distillery Ltd. Vill - Dakshin Simla, P. O. - Changual P. S. - Kharagpur (Local) Dist - Paschim Medinipur, Pin - 721301	Outlet of ETP	BOD	Not Done	30	Ash- 2.7 MT/hr., disposed off in an eco-friendly manner.
			COD	9.80	250	
			TSS	20.00	100	
			pH	7.70	5.5 – 9.0	Spent oil- 0.4 KL/year, sold outside
			O & G	BDL	10	
			BOD	Not	30	ETP sludge- 54.0 kg,
15.	M/s Uniglobal Papers Pvt. Ltd.	Outlet of ETP	BOD	Not	30	

	P. O. + P. S. + Dist. – Jhargram Pin - 721507		treated effluent is complied with environmental norms	Outlet of ETP	COD	Done	reused.	
16.	M/s Unitech Paper Mill Pvt. Ltd. Vill – Paschim Beguni P. O. – Chakshyampur, P. S. – Debra Dist. – Paschim Medinipur, Pin - 721124	376	ETP exists and treated effluent is complied with environmental norms	Outlet of ETP	BOD COD TSS pH O & G	9.39 44.55 28.00 7.30 <1.00	30 250 100 5.5 – 9.0 10	Coal Ash- 150 kg/hr., land filling ETP sludge/Plastic- 141 MT/month, sale.
17.	M/s UPL Ltd. P. O. & P. S. – Durgachak Dist. – Purba Medinipur, Pin - 721602	72	ETP exists and treated effluent is complied with environmental norms	Outlet of ETP	BOD COD TSS pH O & G TDS Phenols Phosphate - P	Not Done 6.18 6.00 7.80 BDL 924 0.09 0.13	30 250 100 5.5 – 9.0 10 2100 1.0 5.0	Wooden pallet, HDPE drum, paper etc. - 130 MT/year, to recycler.

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Environmental Engineer
Haldia Regional Office

District wise number of health care units, Biomedical waste generation by health care units and treatment & disposal of Bio-medical wastes through the Common Bio-Medical Waste Treatment Facilities (for the year 2022, as available) :

Sl. No.	Name of the State /Union Territory	Name of the District	Number of Health Care Units	Bio-medical Waste Generation (in Kg/day)	Bio-medical Waste Treatment and disposal (in Kg/day)		Total (in Kg/day)
					Incineration	Autoclaving	
1.	West Bengal	Kolkata	1631	9107.38	4381.61	4725.77	9107.38
2.		North 24 Parganas	1179	6646.01	5005.41	1640.60	6646.01
3.		South 24 Parganas	687	2866.11	1390.18	1475.93	2866.11
4.		Hooghly	634	1694.91	1457.63	237.28	1694.91
5.		Howrah	626	1197.99	643.30	554.69	1197.99
6.		Nadia	410	1632.93	1397.68	235.25	1632.93
7.		Murshidabad	308	375.89	321.42	54.47	375.89
8.		Purba Bardhaman	534	3481.89	2857.25	624.64	3481.89
9.		Purba Medinipur	558	1284.49	1276.73	7.760	1284.49
10.		Malda	320	1127.39	822.660	304.730	1127.39
Total			6887	29414.99	19553.87	9861.12	29414.99

Site Inspection Report.

Month- JUNE 2024

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

1. Physical progress of the operational STPs.

Sl. No.	Location	ULB Jurisdiction	Capacity in MLD	Actual utilization at present	Reasons for underutilization if any	Status of installation of OCEMs	Status of House Connection (if any)	Incremental progress over the last visit
1	Bhatpara	Bhatpara	60.50	26.54	1. Due to pending work of house connection 2. The STPs are designed as per the year of 2044 projected population.	Not install till now	Total House connection 91000 MLD. Connection completed as on date 34910. DPR for balance house connection under progress.	NIL
2	Kalyani	Kalyani	21.00	19.0	NA	Not install till now	Present length of network = 260 km (Approx) L&T= about 48km, existing about 212km, network remaining = about 110 km. Number of house hold = 30000, house connection	NIL

Sl. No.	Location	ULB Jurisdiction	Capacity in MLD	Actual utilization at present	Reasons for underutilization if any	Status of installation of OCEMs	Status of House Connection (if any)	Incremental progress over the last visit
							done =18000, house connection remaining= 12000	
3	Gayeshpur	Gayeshpur	8.33	3.63	Inadequate house connection	Not install till now	Due to pending work of house connection 11575 nos. of HSC has been completed out of 15000 household. Gayeshpur Municipality is executing the work by engaging agencies through tender. Work is in progress	Sewage (Influent) quality has been decreased compared to previous month viz. September, 2021 is 3.63 MLD.
4	Budge Budge	Budge Budge	9.3	9.239	Only for available drain connection	Not install till now	Total Connection 13200 House pit constructed -13258 nos IP constructed - 5342 Connection made to the source : 2164.	Under O&M HDPE PIPELINE = 100 Mtr. Jack Push work : 10 Mtr. Manhole : 8 nos IP : 8 nos
5	Barrackpore	Barrackpore	24.0	10.917	Sewerage network could not be completed as the Local Municipal authority has barred the Sewerage network	Not install till now	"Barrackpore Municipality has completed about 25200 no House	Operation & Maintenance work for STP started

Sl. No.	Location	ULB Jurisdiction	Capacity in MLD	Actual utilization at present	Reasons for underutilization if any	Status of installation of OCEMs	Status of House Connection (if any)	Incremental progress over the last visit
					at present for the ensuing assembly poll and House connection work has not been completed. Presently sewage from the existing drains are being taken by I& D structures		connections out of 35000. Achieved Chamber up to 29.02.2024 is 40500 nos.	
6	Halisahar	Halisahar	16.0	5.1	a. House connection pending which executed from local ULB and about 600 nos house hold source connectet out of total 32866 Nos. b. Some of the drains intercepted to collect water.	Not install till now	Due to pending work of house connection Total House connection needed 32866. Achieved Chamber nos 25941 Full completed 16592	Operation & Maintenance work for STP started.
7	Bandipur (Khardah)	Khardah	14.00	11.0	a. Necessary permission from railway to rectify/restore the leakage of rising main pipe yet not receive from the competent authority till to date.	Not install till now	NA	Operation & Maintenance work for STP started.
8	Garulia	Garulia	4		a. Irregular/inadequate pumping due pump break down etc may cause deficit in inlet	Not install till now	NA	Operation & Maintenance work for STP started.

Sl. No.	Location	ULB Jurisdiction	Capacity in MLD	Actual utilization at present	Reasons for underutilization if any	Status of installation of OCEMs	Status of House Connection (if any)	Incremental progress over the last visit
				3.8	discharge. b. Irregular cleaning of Debitola Pacha Khal from others authority causing chokage of inlet screen causing deficit in adequate inlet discharge.			
9	Naihati	Naihati	6.50	6.0	a. Irregular/inadequate pumping may cause deficit in inlet discharge. b. During dry season level of water reduces accordingly. c. Irregular cleaning of Lalbaba ghat darin and Ramghat drain from others authority causing chokage of inlet screen causing deficit in adequate inlet discharge.	Not install till now	NA	Operation & Maintenance work for STP started.
10	Naihati	Naihati	11.56	11.00	a. Irregular/inadequate pumping may cause deficit in inlet discharge. b. During dry season level of water reduces accordingly.	Not install till now	NA	Operation & Maintenance work for STP started.
11	Panihati	Panihati	12.00	11.5	a. Necessary permission from PWD to rectify/restore the	Not install till now	NA	Operation & Maintenance work for STP started.

Sl. No.	Location	ULB Jurisdiction	Capacity in MLD	Actual utilization at present	Reasons for underutilization if any	Status of installation of OCEMs	Status of House Connection (if any)	Incremental progress over the last visit
					leakage of rising main pipe yet not received from the competent authority till to date.			
12	Titagarh	Titagarh	9.00	8.5	a. Irregular pumping and operation due to existing labour /operator/ worker issues.	Not install till now	NA	Operation & Maintenance work for STP started.
13	Baidyabati	Baidyabati	6.00	3.531	-	Not install till now	NA	Operation & Maintenance work for STP started.
14	Bhadreswar	Bhadreswar	7.60	2.682	-	Not install till now	NA	Operation & Maintenance work for STP started.
15	Chandannagar	Chandannagar	22.66	10.0	During dry season level of water reduces accordingly.	Not install till now	NA	Operation & Maintenance work for STP started.
16	Bansberia	Bansberia	0.30	0.29	NA	Not install till now	NA	Operation & Maintenance work for STP started.
17	Uttarpara - Kotrung and Konnagar	Kanaipur Gram Panchayet	22.00	16.00	NA	Not install till now	NA	Trial run started from 27.07.2022) cleaning, repairing & renovation of network- is under progress.
18	Nabadwip	Nabadwip	9.50 MLD	4.932	Actual capacity will reached in the year 2051	Installed	NA	O&M started from 01/07/2022
19	Kanchrapara	Kanchrapara	18.00 MLD	8.51	-	Not install till now		Trial & Run started from 01/09/2022

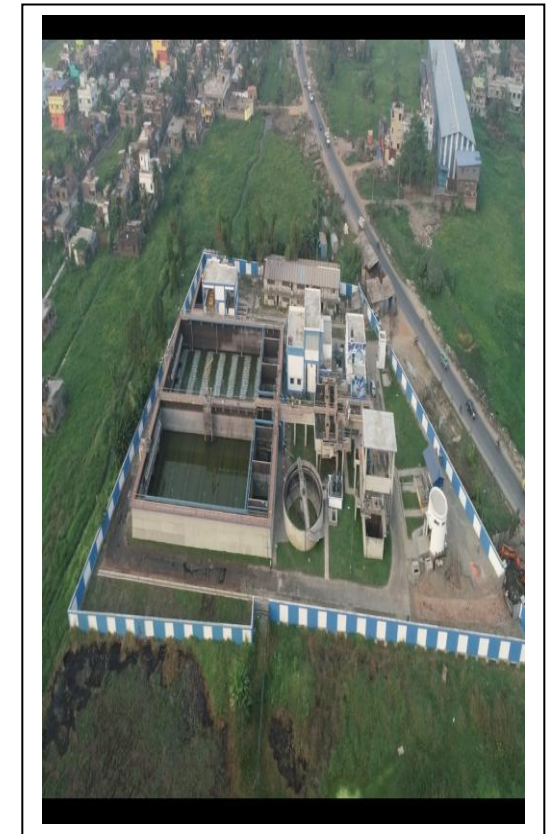
SITE VISIT PHOTOGRAPH OF STP UNDER OPERATION & MAINTENANCE STAGE IN JUNE 2024



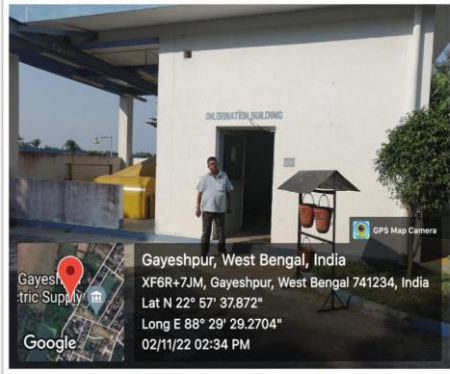
KALYANI



KALYANI



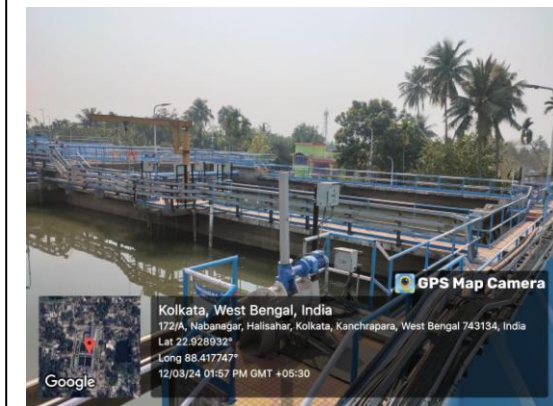
BARRACKPORE



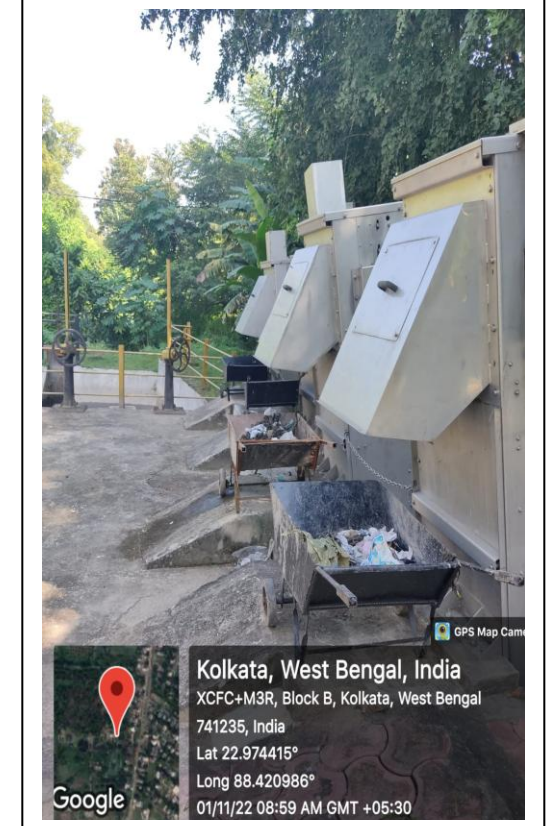
Chlorination Building



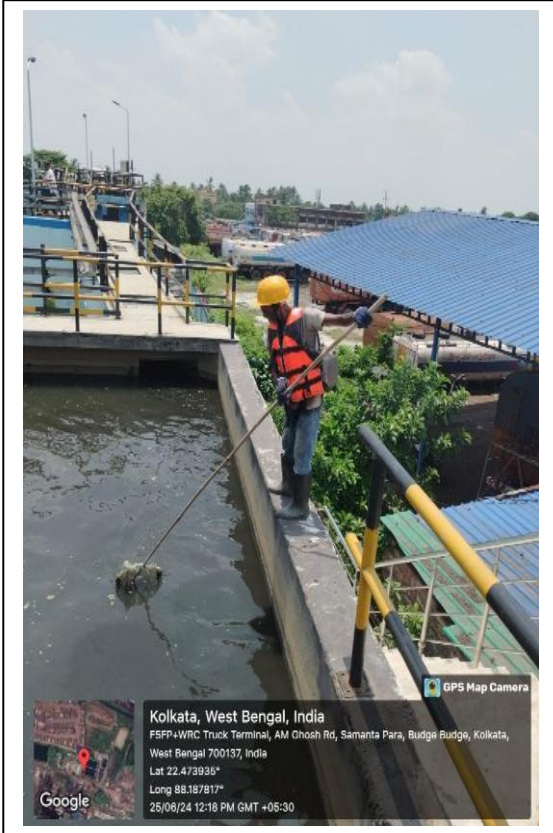
GAYESHPUR



HALISAHAR



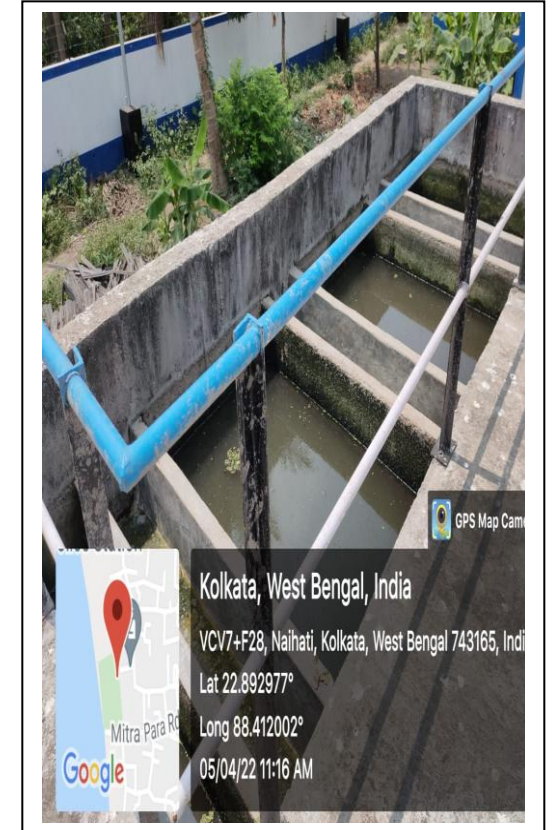
KALYANI



Budge budge



TITAGARH



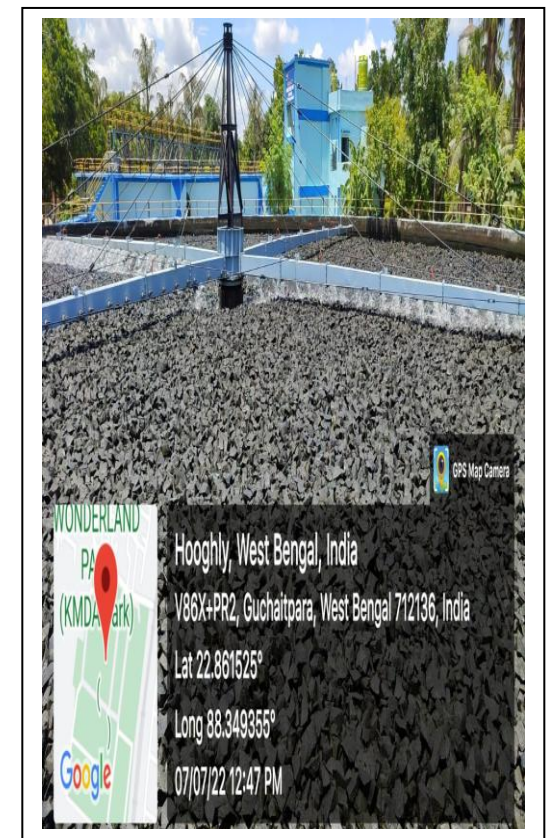
NAIHATI



Baidyabati



Bhadreswar



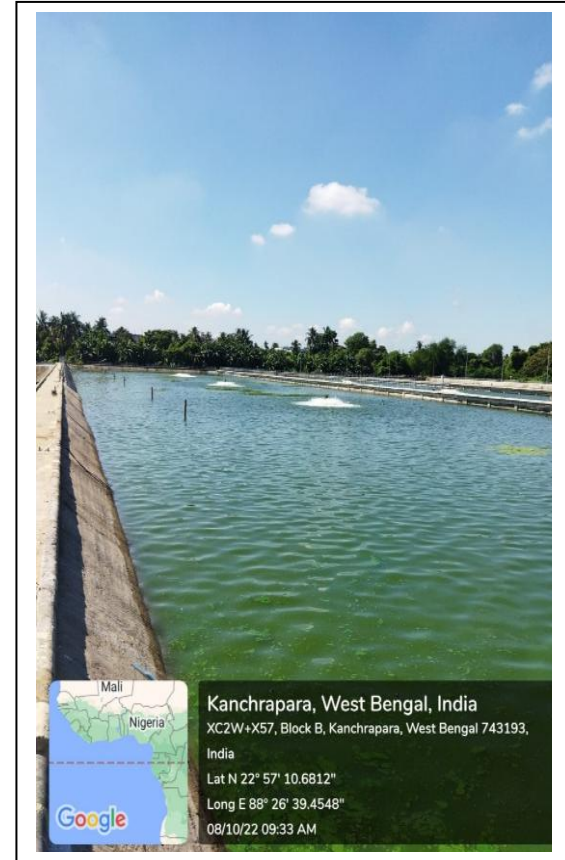
Chandannagore



NABADWIP



Kanuiपुर STP



KACHRAPARA

1. Status of the non-operational STPs.

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

2. STPs under different stages of execution.

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
1	Hooghly	Hooghly	26.50	Oct-2024	<p>Progress as on 30.06.2024</p> <p>For Civil parts 86.0%</p> <p>E&M Parts 94.50%</p> <p>Overall progress «87.5% (including E&M)</p> <p>1) Sewerage network design as well as structural design completed and work going on.</p> <p>2) Admin building Finishing work going on</p> <p>3) 500mm dia DI pipe laying completed & laying of 600 mm diaD.I pipe going on & gravity line going on.</p> <p>6) MPS work Completed.</p> <p>7) LS-3 work going on.7) LS-3 work going on.</p> <p>8) Jack pushing work Completed.</p>	
2	Jangipur	Jangipur	8.00 MLD	SEP-2024	<p>Jangipur:</p> <p>Construction of STP Physical progress- Civil Work 87.70 %. Completed</p>	

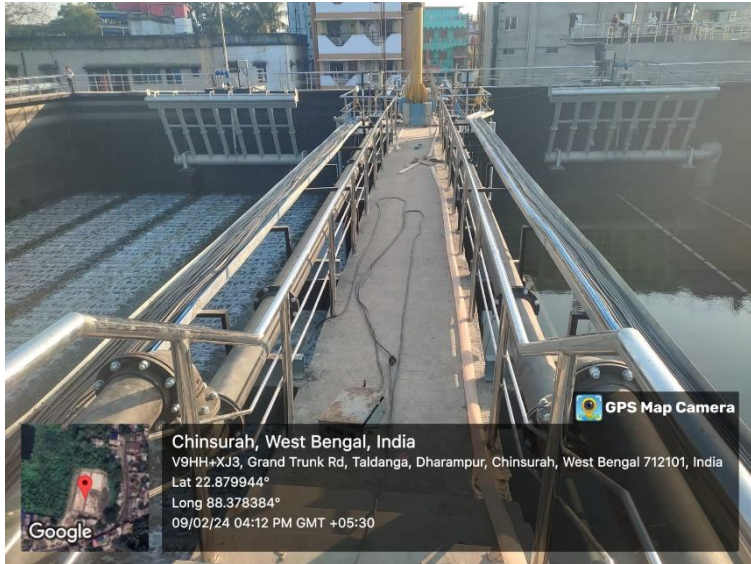
Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
					<p>i) SBR Basin: SBR wall is under progress.- Civil-99% Completed.</p> <p>ii) Inlet Chamber: Civil- 98% Completed.</p> <p>iii)MCC- Blower Room: Civil Work-95% Completed.</p> <p>iv) Centrifuge House of STP: Civil work-99% Completed.</p> <p>v) Chlorination Building : Civil work-98% Completed.</p> <p>vi) CCT : Civil Work-98% Completed.</p> <p>vii) MPS- 1 no. 88.20% civil work Completed</p> <p>viii) Boundary Wall- Civil work-70%</p> <p>I&D Structure: 28.85% completed</p> <p>Network Jangipur: DWC- 2120 m completed DI- 1756 m Completed</p> <p>LS at Burning Ghat: Civil Work- 88.10%Completed.</p>	

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
3	Raghunathganj	Jangipur	5.00 MLD	SEP-2024	<p>As per proposed revised BOQ Overall Physical Progress upto 30.06.2024 : 61.43%(Considering actual E&M Progress) Raghunathganj: Construction of STP Physical progress- Civil Work 85% completed i) SBR Basin: Civil Work- 99% Completed. ii) Inlet Chamber: Civil Work- 98.5%Completed. iii)MCC- Blower Room: Civil Work-93% Completed. iv) Centrifuge House of STP: Civil Work- 98% Completed. v) Chlorination Building : Civil Work- 98% Completed. vi) CCT room: Civil Work-98% Completed. vii) MPS- 1no. Civil Work-72% viii) Boundary wall- 70%</p> <p>1) LS at Global More: Civil work 38.3% completed. 2) UGLS at Shibaji Sangha: NOC issued on 01.02.2022., Drawing & Design is under progress. 3) UGLS at Balighata: NOC has been issued on 07.07.2022. Drawing & Design is under progress. Network Raghunathganj : DWC 780 M completed out of 4576 M, DI 104 M Completed Out of 1785 M</p>	
4	Berhampore	Berhampore	3.50 MLD	SEP-2024	<p>Physical Progress upto 30.06.2024 :60.21 % (Considering actual progress as received from E&M Sector) Construction of STP Physical progress- Civil Work 64.4% Completed. i) SBR Basin: Civil Work-97% Completed. ii) MPS- 39% Completed iii) Centrifuse House- 83% Completed iv) Inlet Chamber- 88% Completed</p>	

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
					v) MCC Blower Room- 74% Completed. v) Boundary Wall- Civil work- 120 m/240m Completed LS at Kapiler Math: Civil work Progress-43% LS near DM Bungalow: Civil work Progress-39% UGLS at Battala: 80% civil work completed. I&D Structure: 31.8 % completed. Network: 83.5% completed Laying of HDPE(DWC) pipe of 4150m length done till date out of 5011m. Laying of Raising main of 727 m length done till date.	
5	Bally (Kona)	Jagacha Gram Panchayet	62.00	SEP-2024	Overall progress: 97.54% STP: 99.83% Network: Manhole Rising 98% LS MPS Repair 90% Desilting 97% Pipe Laying 97% Pipe Laying 98%	
6	Arupara	Howrah	65.00	SEP-2024	Overall progress: 94.94% STP :99.86% Network: Manhole Rising 99% LS MPS Repair 98%	
7	Mathkal	Baranagar	60.00	SEP-2024	Overall progress: 96.08% STP : 99.91% Network: Manhole Rising 96% LS MPS Repair 95% Desilting 98% Pipe Laying 94%	
8	Maheshtala	Maheshtala	35.00	DEC 2024	Total:-76.61% completed till 30-06-24 consisting of :- 1. 29.40% of STP Civil Process unit. 2. 1.99 % of Office Building & Staff Quarter.	

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
					<p>3. 22.74% of Supply of Electromechanical Items.</p> <p>4. 22.48% of Associate Infra Civil Structure & pipe Laying works.</p> <p>SBR Basin:-Platform & wall 100% completed.</p> <p>Hydrotesting of Basin-1 & 2 completed.</p> <p>CCT:- 1st floor slab casting completed.</p> <p>Brickwork & Plastering Completed.</p> <p>SHU:- 2nd floor slab casting 100% completed.</p> <p>PTU:- Grit Chamber side wall WIP.</p> <p>Admin Building:- Electrification WIP.</p> <p>Staff Quarter:- Electrification WIP.</p> <p>Pipelaying:- Pipe Laying , Hydrotesting & Road Restiration WIP.</p> <p>LS2- Wet sump excavation 100% completed.</p> <p>PCC WIP.</p> <p>LS-2A:- Raft and sinking of Well 100% completed.</p> <p>LS-3:- Raft and sinking of Well 100% completed.</p>	
9	North Barrackpore	North Barrackpore	38.00	OCT-2025	<p>Total:-32.676% completed till 30-06-2024 consisting of :-</p> <p>SBR Basin:-</p> <p>Piling of SBR Basins 100% Completed and work upto raft including PCC 100% completed.</p> <p>Raft R.C.C at base level 100% completed.</p> <p>1st Lift wall at SBR 84.1% completed.</p> <p>2nd Lift of Wall at SBR 82.69 % completed. 3RD Lift of Wall 82.38% Completed. Final Lift of Wall 56.13% completed. Therefore, ovelall completion of SBR Basins is 11.581%.</p> <p>PU Unit:- Piling of PU Unit 100% Completed.</p> <p>Scour chamber, Pile cap and beam casting is in progress. Work upto plinth 100 % completed.</p> <p>PCC & RCC footing 100% completed., Inlet</p>	

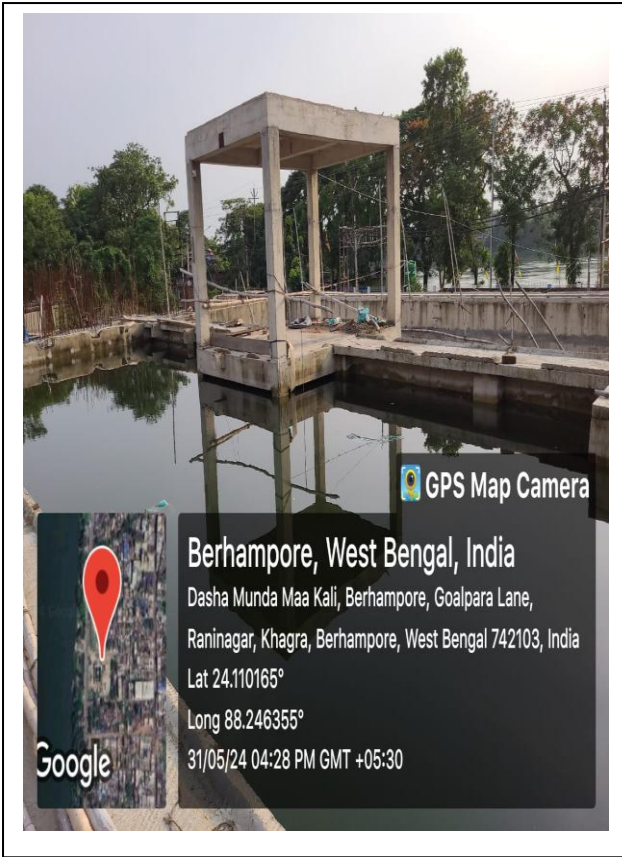
Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
					<p>chamber slab with column & wall 10%, Grit chamber slab with column 10.00% . Overall completion of PU is 0.686%.</p> <p>SHU:- Piling of SHU 100% Completed. Work upto plinth 55.00% completed. Overall Completion of SHU is 0.135%.</p> <p>ADMIN BUILDING:- Piling of ADB 100% completed. Work upto plinth 100% completed. 50% of RCC work 70%. Ovearall completion of ADB is 0.545% .</p> <p>HT Substation:- Piling of HT Substation 100% completed. Work upto plinth 100% completed. PCC & RCC footing 100% completed. RCC upto plinth 100% completed.Roof Slab 95.00% Complete. Overall Completion Of HT Substation is 0.733%.</p> <p>CCT:- Piling of CCT 100% completed.</p> <p>Raw Sewage Sump and Pump House : Approval is in progress .</p> <p>Boundary Wall: 50% of the compound wall completed including Brickwork and another 40 % of sub structure is also completed.Therefore, Ovearall progress of Boundary Wall is 0.50%</p>	



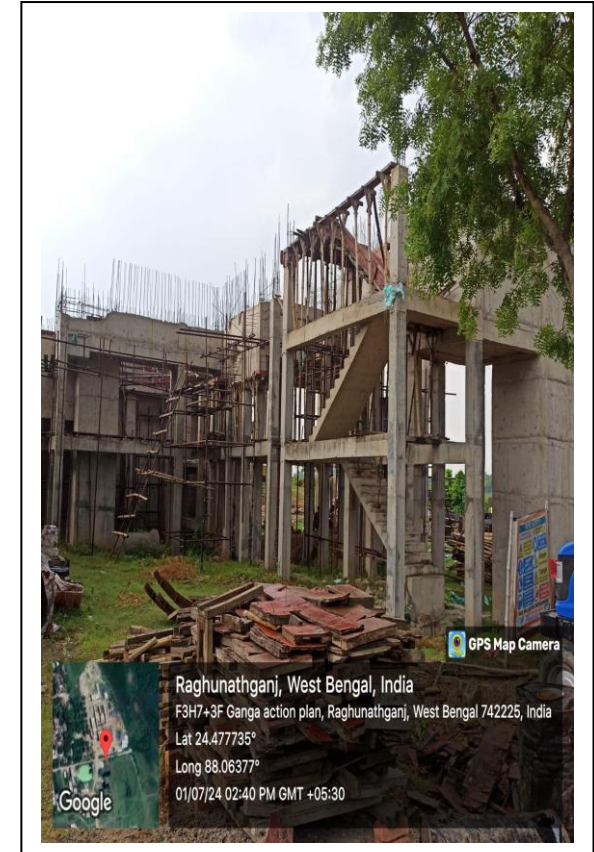
Hooghly Chinsurah



Maheshtala



BEHARAMPORE STP SITE



RAGHUNATHGUNJ STP SITE

JANGIPUR



BALLY



ARUPARA



BARAHANAGAR



NORTH BARRACKPORE

3. Status of Polluted Drains discharging to river Ganga.

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

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

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

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

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

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

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

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

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

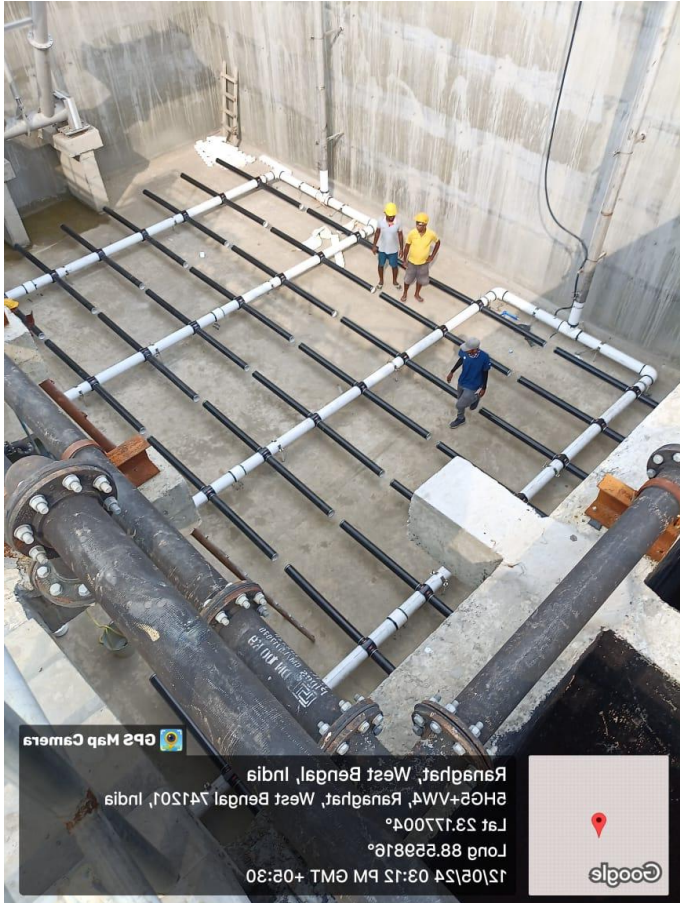
SI no.	Name of drain	City/ Town of confluence point	Flow of Drain (MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
					separate canal/River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



GARIFA SOUTH (RAM GHAT)



HALISAHAR DRAIN LOCKGATE



RANAGHAT



CHAKDAHA

4. DetailsofAlternateTreatmentTechnologybeingadoptedinthePollutedRiverStretches.

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

Date:10.01.2023

Name of Reporting Engineer: PRANTIK RAY

Designation: CHIEF ENGINEER

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

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

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

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

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

This issue has an approval of the Higher Authorities.

Joint Secretary
UD&MA
Department

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

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

15. PS to Hon'ble MIC
16. PS to Principal Secretary

Joint
Secretary UD&MA
Department

Progress report regarding Solid Waste Management of 43 Ganga Towns up to June, 2024

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>Status of ULB wise fresh waste processing may kindly be seen at Annexure.</p> <p>Status of ULB wise legacy waste processing may kindly be seen at Annexure.</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 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, GoI declared ODF: 43 ULBs</p> <p>Target for IHHL construction-67851 nos</p> <p>IHHL construction Completed=66330 nos (98%)</p> <p>IHHL Geo-tagging Completed-65737 nos</p>	
7	Inspection of Ghats	Report Annexed	

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing

Municipal Solid Waste											Construction and Demolition waste	
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
HOOGHLY	1	Baidyabati	66.45	65	1.45	<p>Bio-mining and Bio-remediation of the existing legacy waste at RWMC Baidyabati has been taken for 6 Cluster ULBs Baidyabati, Konnagar, Serampore, Champdany, Rishra & Uttarpa.</p> <p>Out of 220794 MT legacy waste, 45000 MT has already been processed, expected date of completion is March, 2025.</p> <p>There is further accumulation of legacy waste, the quantity of which to be ascertained through drone survey and tender to be invited thereafter.</p>	<p>1. Goodearth : low land filling and partially as soil conditioner in garden.</p> <p>2. Inert : low land filling and base course filling in road construction.</p> <p>3. RDF : Cement manufacturing units</p> <p>4. C & D waste : used as filler material in road construction</p>	RWMC, Baidyabati	22.79024°N, 88.312383°E	7	0	<p>Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode.</p> <p>Identification of land for the plant is under process.</p>

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing

Municipal Solid Waste											Construction and Demolition waste	
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
HOOGHLY	2	Konnagar	25.4	25	0.4	<p>Bio-mining and Bio-remediation of the existing legacy waste at RWMC Baidyabati has been taken for 6 Cluster ULBs Baidyabati, Konnagar, Serampore, Champdany, Rishra & Uttarpaara.</p> <p>Out of 220794 MT legacy waste, 45000 MT has already been processed, expected date of completion is March, 2025.</p> <p>There is further accumulation of legacy waste, the quantity of which to be ascertained through drone survey and tender to be invited thereafter.</p>	<p>1. Goodearth : low land filling and partially as soil conditioner in garden.</p> <p>2. Inert : low land filling and base course filling in road construction.</p> <p>3. RDF : Cement manufacturing units</p> <p>4. C & D waste : used as filler material in road construction</p>	RWMC, Baidyabati	22.79024°N, 88.312383°E	3.85	0	<p>Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode.</p> <p>Identification of land for the plant is under process.</p>

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing

Municipal Solid Waste											Construction and Demolition waste	
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
HOOGHLY	3	Rishra	53.87	45	8.87	<p>Bio-mining and Bio-remediation of the existing legacy waste at RWMC Baidyabati has been taken for 6 Cluster ULBs Baidyabati, Konnagar, Serampore, Champdany, Rishra & Uttarpa.</p> <p>Out of 220794 MT legacy waste, 45000 MT has already been processed, expected date of completion is March, 2025.</p> <p>There is further accumulation of legacy waste, the quantity of which to be ascertained through drone survey and tender to be invited thereafter.</p>	<p>1. Goodearth : low land filling and partially as soil conditioner in garden.</p> <p>2. Inert : low land filling and base course filling in road construction.</p> <p>3. RDF : Cement manufacturing units</p> <p>4. C & D waste : used as filler material in road construction</p>	RWMC, Baidyabati	22.79024°N, 88.312383°E	5.98	0	<p>Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode.</p> <p>Identification of land for the plant is under process.</p>

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing

Municipal Solid Waste											Construction and Demolition waste	
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
HOOGLY	4	Serampore	95	78	17	<p>Bio-mining and Bio-remediation of the existing legacy waste at RWMC Baidyabati has been taken for 6 Cluster ULBs Baidyabati, Konnagar, Serampore, Champdany, Rishra & Uttarpaara. Out of 220794 MT legacy waste, 45000 MT has already been processed, expected date of completion is March, 2025. There is further accumulation of legacy waste, the quantity of which to be ascertained through drone survey and tender to be invited thereafter.</p>	<p>1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction</p>	RWMC, Baidyabati	22.79024°N, 88.312383°E	7.68	0	<p>Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode. Identification of land for the plant is under process.</p>

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing

Municipal Solid Waste											Construction and Demolition waste	
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
HOOGLY	5	Champdany	19.06	19	0.06	<p>Bio-mining and Bio-remediation of the existing legacy waste at RWMC Baidyabati has been taken for 6 Cluster ULBs Baidyabati, Konnagar, Serampore, Champdany, Rishra & Uttarpa.</p> <p>Out of 220794 MT legacy waste, 45000 MT has already been processed, expected date of completion is March, 2025.</p> <p>There is further accumulation of legacy waste, the quantity of which to be ascertained through drone survey and tender to be invited thereafter.</p>	<p>1. Goodearth : low land filling and partially as soil conditioner in garden.</p> <p>2. Inert : low land filling and base course filling in road construction.</p> <p>3. RDF : Cement manufacturing units</p> <p>4. C & D waste : used as filler material in road construction</p>	RWMC, Baidyabati	22.79024°N, 88.312383°E	6	0	<p>Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode.</p> <p>Identification of land for the plant is under process.</p>

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing

Municipal Solid Waste											Construction and Demolition waste	
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
HOOGHLY	6	Uttarpara Kotrung	89.945	40	49.945	<p>Bio-mining and Bio-remediation of the existing legacy waste at RWMC Baidyabati has been taken for 6 Cluster ULBs Baidyabati, Konnagar, Serampore, Champdany, Rishra & Uttarpara. Out of 220794 MT legacy waste, 45000 MT has already been processed, expected date of completion is March, 2025. There is further accumulation of legacy waste, the quantity of which to be ascertained through drone survey and tender to be invited thereafter.</p>	<p>1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction</p>	RWMC, Baidyabati	22.79024°N, 88.312383°E	6.89	0	<p>Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode. Identification of land for the plant is under process.</p>

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing												
Municipal Solid Waste								Construction and Demolition waste				
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
HOOGHLY	7	Bhadreswar	22.53	22.53	0	Presently accumulation of legacy waste is approximately 2,80,000 MT, tender invited for an upfront projection of for 3,00,000 lakh MT. Work Order expected to be issued within July, 2024.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	Sanjay colony, N S Road,	22.834139°N, 88.349718°E	5.58	0	Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode. Identification of land for the plant is under process.
HOOGHLY	8	Bansberia	40	0	40	Previously tender was floated by KMDA for biomining or bioremediation of legacy waste but cancelled as there was no response. Now tender will be floated by SUDA within September, 2024.	NA	Ward no. 8 & 18	22° 57'45.1" N 88° 23'45.3" E	6	0	Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode. Identification of land for the plant is under process.

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing

Municipal Solid Waste											Construction and Demolition waste	
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
HOOGHLY	9	Chandannagar MC	71.44	0	71.44	In first phase 2,15,916 MT of legacy waste has been bio remediated. There is further accumulation of 1,06,252.29 MT of legacy waste and subsequently tender already floated on 26.06.24. Expected date of completion September, 2025.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	Kolupukur Vermi Compost Plant. Kolupukur Bhangar more Ward-8	22°52'13" N, 88°21'32" E	9.25	0	Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode. Identification of land for the plant is under process.
HOOGHLY	10	Hooghly-Chinsurah	75	39.78	35.22	In first phase 1,26,266 MT of legacy waste has been bio remediated. There is further accumulation of 1,02,158.50 MT of legacy waste and subsequently tender already floated on 26.06.24. Expected date of completion September, 2025.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	Kedia – I GP, Sukantanagar	22° 53' 35" N; 88°22'44" E	9.63	0	Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode. Identification of land for the plant is under process.

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing

Municipal Solid Waste											Construction and Demolition waste	
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
HOWRAH	11	Howrah MC	911	10.57	900.43	Out of 9,61,567 MT legacy waste, 3,13,906.38 MT processed, expected date of completion is October, 2026. There is further accumulation of legacy waste 4,00,000 MT assessed by KMDA Tender to be floated by December 2025 (due to space constraint) Expected timeline within which Biomining and bioremediation of residual quantity is expected to be done within 2.5 (two and a half) years after the completion of existing tendered quantity.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	Belgachia I, II	22.610409°N; 88.326145°E	45.59	0	Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode. Identification of land for the plant is under process.

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing

Municipal Solid Waste											Construction and Demolition waste	
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
HOWRAH	12	Uluberia	120	0	120	In first phase 28,394 MT of legacy waste has been bio remediated. There is further accumulation of 22,000 MT of legacy waste at present. With an upfront projection of additional 42,000 MT tender to be invited (2nd call) within August 2024 to process the legacy waste.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	Ward No. 31, Beside NH-6	22.478330oN; 88.078462oE	10.85	0	Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode. Identification of land for the plant is under process.
KOLKATA	13	Kolkata MC	4236	550	3686	Out of 41,50,000 MT legacy waste, 13,78,322 MT processed, expected date of completion is March, 2026. There is further accumulation of 36 lakh MT of legacy waste at KMC. Tender to be invited within 31st July, 2024.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	DHAPA Under W-58 OF BR-VII/KMC	22°32'32.6"N 88°25'17.6"E	245.65	500	

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing

Municipal Solid Waste											Construction and Demolition waste	
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
MURSHIDABAD	14	Berhampore	100	0	100	In first phase 1,23,981 MT of legacy waste has been bio remediated. There is further accumulation of 1,50,000 MT of legacy waste at present. With an upfront projection of additional 40,000 MT tender under evaluation (2nd call) to process the legacy waste. Work order expected to be issued within August, 2024. Expected date of completion August, 2025.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	KomolapurKh adamkhandi (ward no 2)	24°7'30" N 88°15'35" E	7.9	0	Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode. Identification of land for the plant is under process.
MURSHIDABAD	15	Dhuliyān	38.23	0	38.23	2068 MT legacy waste present, processing not yet started, expected date of completion is December, 2024.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	Dhuliyān(Near Ratanpur)	24°39'29.89" N 87°55'50.74"E	4.36	0	Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode. Identification of land for the plant is under process.

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing

Municipal Solid Waste											Construction and Demolition waste	
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
MURSHIDABAD	16	Jangipur	48	0	48	In first phase 3211.21 MT of legacy waste has been bio remediated. There is further accumulation of 17,000 MT of legacy waste at present. With an upfront projection of additional 18,000 MT tender to be floated (2nd call) to process the legacy waste. Expected date of completion June, 2025.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	Jangipur(Near MianpurAjarp ara Road0	24°28'43.79" N 88° 3'10.75"E	4.25	0	Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode. Identification of land for the plant is under process.
MURSHIDABAD	17	Jiaganj-Azimganj	16.33	0	16.33	In first phase 19,426 MT of legacy waste has been bio remediated. There is further accumulation of 30,000 MT of legacy waste at present. With an upfront projection of additional 8,000 MT tender to be floated (2nd call) to process the legacy waste. Expected date of completion June, 2025.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	Ghoramari (Azimganj Side)	24°14'14.8"N 88°15'56.8" E	1.75	0	Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode. Identification of land for the plant is under process.

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing

Municipal Solid Waste											Construction and Demolition waste	
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
MURSHIDABAD	18	Murshidabad	30.524	2.5	28.024	In first phase 94,059 MT of legacy waste has been bio remediated. There is further accumulation of 5,000 MT of legacy waste at present. With an upfront projection of additional 8,000 MT tender to be floated (2nd call) to process the legacy waste. Expected date of completion June, 2025.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	Kathgola Bagan (ward no 15)	24°12'20.9" N 88°16'7.4" E	2.5	0	Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode. Identification of land for the plant is under process.
NADIA	19	Chakdah	51	0	51	14,238 MT legacy waste present, expected date of completion is December, 2024.	NA	Ward 19- near I-core brick manufacturing unit	23.062613 N, 88.517296 E	4.86	0	Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode. Identification of land for the plant is under process.

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing

Municipal Solid Waste											Construction and Demolition waste	
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
NADIA	20	Gayeshpur	23.477	0	23.477	In the first phase 12,465 MT legacy waste has been bio remediated. There is a further accumulation of 13,500 MT of legacy waste at present. Tender to be floated by SUDA within August, 2024. Expected date of completion is June, 2025.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	Ward 16- near VS club	22.955519 N, 88.472313 E	3.25	0	Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode. Identification of land for the plant is under process.
NADIA	21	Kalyani	60	2.5	57.5	In the first phase 60,543 MT of legacy waste has been bio remediated. There is further accumulation of legacy waste 85,000 MT approx. assessed by KMDA. Tender to be floated within December 2024. Expected timeline within which Biomining and bioremediation of residual quantity to be done within December, 2025	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	Ward 6- near Kacharipara	22.960863 N, 88.439684 E	5.15	0	Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode. Identification of land for the plant is under process.

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing

Municipal Solid Waste											Construction and Demolition waste	
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
NADIA	22	Krishnanagar	150	130	20	51,802 MT legacy waste have been bio remediated and land reclaimed.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	Ward 5- Goda Danga	23.4052240N, 88.5116291E	8.5	0	Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode. Identification of land for the plant is under process.
NADIA	23	Nabadwip	60	10.6	49.4	In first phase 8,967 MT legacy waste is bio remediated. There is further accumulation of 80,000 MT of legacy waste till date. Tender to be invited by SUDA within September, 2024. Expected date of completion June, 2025.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	Ward 1- near Bishnupriya station	23.4150386 N, 88.3562766 E	6.75	0	Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode. Identification of land for the plant is under process.

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing

Municipal Solid Waste											Construction and Demolition waste	
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
NADIA	24	Santipur	83		83	In first phase 22,097 MT of legacy waste bio remediated. There is further accumulation of legacy waste and tender floated for drone survey to assess the legacy waste quantity. Expected date of completion June, 2025.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	Ward 10- Moylar math	23.2501021 N88.4116394 E	8.65	0	Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode. Identification of land for the plant is under process.
NORTH 24-PGS	25	Baranagar	167		167	Cluster Project at Pramodnagar including 5 ULBs. Out of 8.5 lakh MT legacy waste, 7.54 lakh MT processed in 1st phase, another 1.2 lakh MT work order given on 24.06.2024. Further 11 lakh MT tendered and evaluation is in progress. 36 months time required from the date of award of contract.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	Pramodnagar Dumpsite	22.648176°N, 88.396426°E	13.55	0	Segregated fractions are being sold and reused and the remaining are being disposed at KMC plant for processing.

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing

Municipal Solid Waste											Construction and Demolition waste	
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
NORTH 24-PGS	26	Kamarhati	160		160	Out of 1.5 lakh MT legacy waste, 0.32 lakh MT processed, in 1st phase. Further 9 lakh MT tendred and evaluation is in progress. 36 months time required from the date of award of contract.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	(Punjab Villa), Agarpara East Station Road	22°40'41"N, 88°22'52" E	17.39	0	Segregated fractions are being sold and reused and the remaining are being disposed at KMC plant for processing.
NORTH 24-PGS	27	Barrackpore	50		50	In first phase 72,846 MT of legacy waste has been bio remediated. There is a further accumulation of legacy waste 70,715.120 MT approx. till date; to be tendered within August 2024. Expected timeline within which Biomining and bioremediation of residual quantity is to be done within 12 months from the date of award of contract.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	Ward 17- On old Kolkata Road	22.748542 N 88.382122 E	8.75	0	Segregated fractions are being sold and reused and the remaining are being disposed at KMC plant for processing.

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Municipal Solid Waste										Construction and Demolition waste		
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
NORTH 24-PGS	28	Bhatpara	205	15.98	189.02	In first phase 58,260 MTOf legacy waste has been bio remediated. There is further accumulation of legacy waste 30,000 MT approx. Tender to be floated within December 2024 Expected timeline within which Biomining and bioremediation of residual quantity to be done within 6 months from the date of award of contract.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	Madral, Ward no. 6, Bhatpara	88.41807E 22.87426N	19.56	0	Segregated fractions are being sold and reused and the remaining are being disposed at KMC plant for processing.

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Municipal Solid Waste											Construction and Demolition waste	
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
NORTH 24-PGS	29	Garulia	35.77	21	14.77	In first phase out of 52,449 MT, 25,000 MT of legacy waste has been bio remediated, expected date of completion is September, 2024. There is further accumulation of legacy waste 45000 MT approx. Tender to be floated within August 2024. Expected timeline within which Biomining and bioremediation of residual quantity is to be done within 9 months from the date of award of contract.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	Fanching ground road , W.no 11 Garulia , North 24 Parganas	22.817161N, 88.372613E	4.55	0	Segregated fractions are being sold and reused and the remaining are being disposed at KMC plant for processing.

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing

Municipal Solid Waste											Construction and Demolition waste	
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
NORTH 24-PGS	30	Halisahar	52	11.3	40.7	In first phase out of 6,799 MT, 3,405 MT of legacy waste has been bio remediated. There is further accumulation of legacy waste 28,000 MT approx. Tender to be floated within March 2025. Expected timeline within which Biomining and bioremediation of residual quantity to be done within 6 months from the date of award of contract.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	Ward 8 - Niranjan trenching ground	23.2501021N, 88.4116394E	5.95	0	Segregated fractions are being sold and reused and the remaining are being disposed at KMC plant for processing.
NORTH 24-PGS	31	Kachrapara	53.84	20.33	33.51	In first phase 24,282 MT of legacy waste has been bio remediated. There is further accumulation of legacy waste, the revised work order for drone survey is issued to assess the legacy waste and subsequently tender to be floated for bio remediation. Expected date of completion June, 2025.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	Ward 12-13, Bidhanpally	23.4150386N, 88.3562766E	7.09	0	Segregated fractions are being sold and reused and the remaining are being disposed at KMC plant for processing.

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Municipal Solid Waste											Construction and Demolition waste	
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
NORTH 24-PGS	32	Khardah	46.437		46.437	In first phase 46,118 MT of legacy waste has been bio remediated. There is further accumulation of legacy waste 50,000 MT approx. Tender to be floated within August 2024. Expected timeline within which Biomining and bioremediation of residual quantity to be done within 9 months from the date of award of contract.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	1km from Kalyani Expressway Ruyia Khardah Stoppage	22°44'31"N, 88°24'25"E	6	0	Segregated fractions are being sold and reused and the remaining are being disposed at KMC plant for processing.
NORTH 24-PGS	33	Naihati	107	8.76	98.24	In first phase 3,00,00 MT of legacy waste has been bio remediated. There is further accumulation of 71,000 MT of legacy waste at present. With an upfront projection of additional 36,000 MT tender matured in 1st call to process the legacy waste. Expected date of completion March, 2025.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	Patterson road, Chighat, W.No. 14, Naihati	22.897030N, 88.410584E	12	0	Segregated fractions are being sold and reused and the remaining are being disposed at KMC plant for processing.

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Municipal Solid Waste											Construction and Demolition waste	
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
NORTH 24-PGS	34	North Barrackpore	73		73	NA	NA	NA	NA	7.3	0	Segregated fractions are being sold and reused and the remaining are being disposed at KMC plant for processing.
NORTH 24-PGS	35	Panihati	176		176	In first phase 51,767 MT of legacy waste has been bio remediated. There is further accumulation of legacy waste 1,20,000 MT approx. Tender floated on June, 2024. Expected timeline within which Biomining and bioremediation of residual quantity is to be done within 15 months approx from the date of award of contract.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	1 KM from Sodepur Barasat Road, kanchkol Stopage	22°41'31"N, 88°23'10"E	15.86	0	Segregated fractions are being sold and reused and the remaining are being disposed at KMC plant for processing.

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing

Municipal Solid Waste											Construction and Demolition waste	
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
NORTH 24-PGS	36	Titagarh	47.7	5.73	41.97	In first phase 1,20,886 MT of legacy waste has been bio remediated. There is further accumulation of legacy waste 70,000 MT approx. Tender to be floated within August 2024 Expected timeline within which Biomining and bioremediation of residual quantity is expected to be done within 12 months from the date of award of contract.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	Oppeside Side of ULB on BT Road	22°44'10"N, 88°22'34"E	6.41	0	Segregated fractions are being sold and reused and the remaining are being disposed at KMC plant for processing.
Purba BARDDHAMAN	37	Katwa	47.09		47.09	In first phase 3,885 MT of legacy waste has been bio remediated. There is further accumulation of legacy waste 45,478 MT assessed by KMDA Tender to be floated within September, 2024 Expected timeline within which Biomining and bioremediation of residual quantity is to be done within October, 2025.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	Stadium Para, W-12, Beside Howrah - Katwa rail Line , Near Label Crossing	22.7191° N, 88.3800° E	3.95	0	Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode. Identification of land for the plant is under process.

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing												
Municipal Solid Waste										Construction and Demolition waste		
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
PURBA MEDINIPUR	38	Haldia	168	80	88	NA	NA	NA	NA	11	0	Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode. Identification of land for the plant is under process.
SOUTH 24-PGS	39	Budge Budge	30	28.54	1.46	In first phase 20,721 MT of legacy waste, has been bio remediated. There is further accumulation of 10000 MT of legacy waste including upfront projection for which tender to be invited to process the legacy waste. Expected date of completion September, 2025.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	Subhas Udyan	22.47335N, 88.18879E	4.19	0	Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode. Identification of land for the plant is under process.

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing

Municipal Solid Waste											Construction and Demolition waste	
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
SOUTH 24-PGS	40	Diamond Harbour	19.53	12.69	6.84	In first phase 9350 MT of legacy waste has been bio remediated. There is further accumulation of 15000 MT of legacy waste at present. With an upfront projection of additional 7000 MT tender to be invited to process the legacy waste. . Expected date of completion March, 2025.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	Beside NH 117 (Panchayet Area)	22°10'17".N, 88°13'44".E	2.25	0	Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode. Identification of land for the plant is under process.

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing												
Municipal Solid Waste									Construction and Demolition waste			
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
SOUTH 24-PGS	41	Maheshtala	210	27.32	182.68	In the first phase 2,30,517 MT of legacy waste, has been bio-remediated. As per notification vide 1471-UDMA-11012(99)/53/2021 dated 06.06.2024 Maheshtala has been assigned to KMDA for bio-mining of legacy waste after assessing further quantity of legacy accumulated at site with an upfront projection through suitable survey. Tender to be floated by KMDA and expected date of completion September, 2025.	1. Goodearth : low land filling and partially as soil conditioner in garden. 2. Inert : low land filling and base course filling in road construction. 3. RDF : Cement manufacturing units 4. C & D waste : used as filler material in road construction	Ward No- 35	22.49216N, 88.20567E	25	0	Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode. Identification of land for the plant is under process.

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing

Ganga Town Report on Fresh waste processing, legacy waste processing and C&D Waste processing												
Municipal Solid Waste										Construction and Demolition waste		
District	Sl. No.	ULB	Per day generation of Solid Waste in each city / town within the District	Quantity of solid waste treated per day, in each city/town of the District.	The gap in treatment of solid waste.	Legacy Waste and the time bound plan to treat legacy waste.	The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste	Current status of dumping of solid waste with reference to location		Total per day generation of C&D waste within the District (TPD)	The detail of plant established for the treatment of C&D waste including the existing capacity and capacity	Remarks
								Dumpsite location	GPS Coordinates of Dumpsite			
SOUTH 24-PGS	42	Pujali	12.63	2.53	10.1	NA	NA	NA	NA	2	0	Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode. Identification of land for the plant is under process.
UTTAR DINAJPUR	43	Raiganj	95	0	95	NA	NA	Bandar Samshan(Ward 22)	25°36'31"N 88°7'0.9"E	8.92	0	Segregated fractions are being sold and reused and it is planned that remaining to be processed in Cluster mode. Identification of land for the plant is under process.

IHHL and ODF Status : 43 ULBs (Ganga Town)
1. ODF Inspection done by GoI Third Party Org. - 43 ULBs
2. ODF Declared by GoI Third Party Org.- 43 ULBs
3. Self Declared as ODF- 43 ULBs

SI No	District	ULB	Initial Target	Final Revised Target	Construction completed	Online uploaded	ODF Inspection done by GoI Third Party Org.	ODF Certified by GoI Third Party Org.	Self Declared as ODF
1	HOOGHLY	Baidyabati	1303	632	632	629	Yes	Yes	Yes
2	HOOGHLY	Bansberia	2993	1140	1140	1140	Yes	Yes	Yes
3	HOOGHLY	Bhadreswar	3006	1200	1200	1200	Yes	Yes	Yes
4	HOOGHLY	Champdany	2666	2315	1765	1609	Yes	Yes	Yes
5	HOOGHLY	Chandannagore MC	2860	144	144	144	Yes	Yes	Yes
6	HOOGHLY	Hooghly Chinsurah	6355	710	707	651	Yes	Yes	Yes
7	HOOGHLY	Konnagar	409	47	47	47	Yes	Yes	Yes
8	HOOGHLY	Rishra	1716	616	616	616	Yes	Yes	Yes
9	HOOGHLY	Serampore	1821	582	547	547	Yes	Yes	Yes
10	HOOGHLY	Uttarpara Kotrung	2409	183	183	183	Yes	Yes	Yes
11	HOWRAH	Howrah MC	6822	0	0	0	Yes	Yes	Yes
12	HOWRAH	Uluberia	8837	8670	8670	8670	Yes	Yes	Yes
13	KOLKATA	Kolkata MC	68868	0	0	0	Yes	Yes	Yes
14	MURSHIDABAD	Berhampore	1953	2837	2837	2837	Yes	Yes	Yes
15	MURSHIDABAD	Dhulian	6104	7990	7990	7990	Yes	Yes	Yes
16	MURSHIDABAD	Jangipur	2132	2702	2702	2702	Yes	Yes	Yes
17	MURSHIDABAD	Jiaganj-Azimganj	1888	2017	2017	2017	Yes	Yes	Yes
18	MURSHIDABAD	Murshidabad	1221	1500	1500	1500	Yes	Yes	Yes
19	NADIA	Chakdah	495	705	495	425	Yes	Yes	Yes
20	NADIA	Gayeshpur	574	519	519	519	Yes	Yes	Yes
21	NADIA	Kalyani	659	654	654	651	Yes	Yes	Yes
22	NADIA	Krishnanagar	1736	1817	1817	1817	Yes	Yes	Yes
23	NADIA	Nabadwip	2454	2454	2454	2454	Yes	Yes	Yes
24	NADIA	Santipur	2629	1852	1852	1852	Yes	Yes	Yes
25	NORTH 24-PGS	Baranagar	1355	516	516	516	Yes	Yes	Yes
26	NORTH 24-PGS	Barrackpore	2115	335	300	300	Yes	Yes	Yes
27	NORTH 24-PGS	Bhatpara	2346	1618	1574	1391	Yes	Yes	Yes
28	NORTH 24-PGS	Garulia	1323	222	222	222	Yes	Yes	Yes
29	NORTH 24-PGS	Halisahar	4502	163	163	163	Yes	Yes	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	Yes	Yes	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	5309	5209	Yes	Yes	Yes
			215784	67851	66330	65737	Yes=43	Yes=43	Yes=43

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	Khurdah	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	Dhuliyān	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	Naihāti	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	Maheshāla	10	10	0	-	0	N. A.	Yes	
37	Champdāny	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					

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



No. 3269(2)-RD/PH&S/S/1E-9/2019

Dated 08.07.2024

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 June,24- reg.

Madam/ Sir,

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

Yours faithfully,

Mission Director, SBM(G) &
Additional Secretary to Govt. of W.B

**Status report on solid waste management in 224 Ganga bordering GPs (also LWM)
As per O.A 200/2014 (as on 30.06.2024)**

Sl. No.		Item	June,2024
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	103
12		No. of GP wherein land has been identified for CPU	105
13		No. of E Cart tender done	780
14		No of e cart work order issued	750
15		E cart purchase/ work completed	638
16		No of segregation cum storage shed community tender done	212
17		No. of GP wherein CPU is under construction	212
18		No. of GP wherein construction of CPU is completed	143
19		No. of GP where CPU is functional	44
20	Progress of LWM	No. of Kitchen Garden	1,513
21		No. of(Soak pit & Leach pit)	21,429
22		No of (Filter chamber, Constructed Wetland & (DEWATS))	2,698

**Mission Director, SBM(G) &
Additional Secretary to Govt. of W.B**

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 April to June 2024) report

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

P. Krastu
P. Krastu
 Chief Conservator of forests, Special
 Development Project & Member Secretary,
 WBSFDA

Government of West Bengal
Directorate of Agriculture
63, N. S. Road, Jessop Building, Kolkata -700 001.

Memo. No. 28/FL

Dated : 22-07-2024

To
The Special Secretary to the Govt. of West Bengal,
Department of Agriculture,
Government of West Bengal.

Sub. : Updated Report in connection with OA-200/2014/PB [M.C.Mehta Vs. Union of India & Ors.]

Ref. : No.2129-AG-11041(99)/1/2022-ADLS(AGRI), Dt.08-07-2024

Sir,

In reference to the above subject, please find enclosed herewith (Annexures-I & II) an updated report for OA-200/2014/PB upto 11-07-2024 as received from WBSWDA and also another Format Report (as submitted earlier in Annexure-III) in the context of River Rejuvenation activities in respect of polluted river stretches including the Ganga.

Thanking you,

Yours faithfully,

Enclosures : Annexure-I, II & III

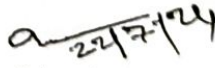

Director of Agriculture
West Bengal

Memo. No. 28/1(9)/FL

Dated :22-07-2024.

Copy forwarded for kind information and taking necessary action to the:

1. Additional Director of Agriculture (Admn.), West Bengal.
2. CEO, WBSWDA.
3. Additional Director of Agriculture (Special), West Bengal.
4. Joint Director of Agriculture (WBP), West Bengal.
5. Joint Director of Agriculture (Soil Conservation), West Bengal.
6. Deputy Director of Agriculture (Fibre Crops), West Bengal.
7. Law Officer, Directorate of Agriculture, West Bengal.
8. Deputy Director of Agriculture (Admn.), (All)
9. Sri. Sabyasachi Ghosh, ADA(P) & OSD, Agriculture Department, Nabanna.


Director of Agriculture
West Bengal

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

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

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

1) Water Quality of River Ganga:

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

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

2) Sewage Management in Ganga Districts:

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

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

Status of the Sewage Treatment Plants: ✓

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

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

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

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

[Action: NMCG, WBSPMG]

3) Review of the Projects:

a) Under KMDA:

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

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

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

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

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

[Action: WBSPMG]

b) Under KMC:

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

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

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

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

[Action: KMC, KoPT and WBSPMG]

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

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

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

[Action: KEIIP]

4) Status of Faecal Sludge & Septage Management:

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

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

5) End to End Solution:

a) Sludge management in functional STPs:

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

b) Re-use of Treated Waste Water:

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

6) Profile of Ganga Districts in West Bengal:

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

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

[Action: All DGCs, UDMA & WBSPMG]

7) Status of Drains:

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

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

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

[Action: All DGCs, UDMA & WBSPMG]

8) Utilization of Fund:

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

Instructions given by the Chief Secretary:

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

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

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

Legacy Waste Management:

The program Director, WBSPMG presented the status as below:

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

Instructions given by the Chief Secretary:

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

[Action: KMDA & All DGCs]

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



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