

NANDINI GHOSH, IAS
Special Commissioner



**DEPARTMENT OF URBAN
DEVELOPMENT & MUNICIPAL
AFFAIRS**
GOVERNMENT OF WEST BENGAL
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Memo No.115-Spl. Commr

Date: 25.07.2022.

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 2022 to June 2022 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 2022 to June 2022. The Table of Contents of the Report is as under:

Sl. No	Content	Annexure No.
1.	Main Report	Nil
2.	Report on Monitoring	Annexure-Main Report
3.	Sewage Generation Report in Ganga Towns	I
4.	STP Report	II
5.	List of Polluted Drains	III
6.	Report from SUDA on SWM	IV
7.	Compulsory Site Inspection Report, KMDA for June 2022	V
8.	MoM Task Force	A
9.	MoM - Tolly's Nullah Project, Kanchrapara & B-J-R (Murshidabad) Projects. Review Meeting by PD, WBSPMG	B
10.	MOM-14th RRC Meeting	C
11.	MOM dt 21 06 2022 on progress of Liquid Waste Management Review Meeting by by Hon'ble Chief Secretary	D
12.	Photographs STPs made currently operational	E

It may kindly be noted that Annexure- Main Report is an elaborate Report on Monitoring and Review of the ongoing work indicating the all-out efforts taken by the State to curb and arrest Pollution in the River Ganga. It is to be most humbly stated that as a result of these all out efforts, there has been a significant improvement in the BOD Level in River Ganga and is well below the permissible limit. The State of West Bengal has given an elaborate Report on various measures taken for curbing pollution in River Ganga to Hon'ble Public Accounts Committee on 30th June 2022 for their kind perusal.

This is for your kind perusal.

Yours faithfully,

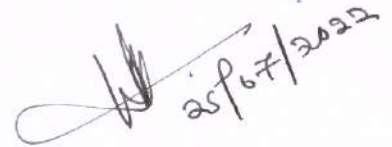

25/07/2022
Nodal Officer to NMCG and CPCB
&
Project Director, WBSPMG

Memo No.115/1(21)-Spcl. Commr

Date: 25.07.2022.

Copy forwarded for kind information to:

1. The Additional Chief Secretary, Department of Environment, Pranisampad Bhavan, 5th Floor, LB-2, Sector-III, Salt Lake, Kolkata-700106.
2. DG NMCG, 1st Floor, Major Dhyan Chand National Stadium, India Gate, New Delhi-110002.
3. The Principal Secretary, Department of UD & MA.
4. The Chief Executive Officer, Kolkata Metropolitan Development Authority & The Programme Director, SPMG, Unnayan Bhavan, Sector-II, Salt Lake, Kolkata- 700091.
5. Municipal Commissioner, Kolkata Municipal Corporation, 5, S.N. Banerjee Road, Kolkata-7000013.
6. Member Secretary, WBPCB, Paribesh Bhavan, 10A, LA Block, Sector III, Bidhannagar, Kolkata, 700106.
7. Executive Director, Projects, National Mission for Clean Ganga, Ministry of Jal Shakti, GOI, 1st Floor, Major Dhyan Chand National Stadium, India Gate, New Delhi-110002.
8. Director, Technical (T-III), National Mission for Clean Ganga, Ministry of Jal Shakti, GOI, 1st Floor, Major Dhyan Chand National Stadium, India Gate, New Delhi-110002.
9. Dr. A.K.Vidarthi, Additional Director & Divisional Head, WQM-II, Central Pollution control Board, Ministry of Environment, Forest & Climate Change, GOI, Parivesh Bhawan, East Arjun Nagar, New Delhi – 110032.
10. Senior Special Secretary, Department of Environment, Pranisampad Bhavan, 5th Floor, LB-2, Sector-III, Salt Lake, Kolkata-700106.
11. Special Secretary & Chairman, LWM Committee, Department of UD & MA.
12. Director SUDA, HB-305, AB Rd, HC Block, Sector III, Bidhannagar, Kolkata, West Bengal 700106.
13. Director General, Tolly Nullah, 5, S.N. Banerjee Road, Kolkata-7000013.
14. Chief Engineer, GAP Sector, Unnayan Bhavan, Sector-II, Salt Lake, Kolkata- 700091.
15. Secretary, MED, Bikash Bhavan, Salt Lake, Kolkata-700091.
16. Chief Engineer, PHE, Department of Public Health Engineering, New Secretariat Building, 7th Floor, 1, K.S. Roy Road, Kolkata-700001.
17. Shri T.K.Gupta, Chief Technical Advisor, West Bengal State Pollution Control Board and Environment Department, Government of West Bengal, Paribesh Bhavan, 10A, LA Block, Sector III, Bidhannagar, Kolkata, 700106
18. Senior Law Officer, UD & MA Department with a request to kindly forward a copy of the Report Ld AOR for her kind noting.
19. IT Department, UD & MA for uploading the Report in the NGT portal of our Website.
20. OSD to Municipal Commissioner, Kolkata Municipal Corporation, 5, S.N. Banerjee Road, Kolkata-7000013
21. Senior PA to Principal Secretary, UD & MA Department.



Special Commissioner
&
Nodal Officer to NMCG and CPCB
Project Director, WBSPMG

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

Main Report

Quarterly progress (April-June2022) report						
Sl. No.	Concerned Department	Topic of Action point	Targets to be achieved as per orders dated 10.12.2015,	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,PHI	Action points for STPs are separately considered in Annexure II	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 -II.	Annexure II	Annexure II	Annexure II
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 - II.	pls refer to Annexure-II	NA	pls refer to Annexure-II
3		Details of 56 drains are enclosed as 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, and IV.	Annexure - III	Annexure - III	Annexure - III
4		Demarcation 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
	Irrigation & Waterways Department	Protection and management of flood plain zones (FPZ)				
5		North 24 Parganas - Protection to the severely damaged left bank of river Hooghly in between Chaotanya 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	90 % progress achieved. Work delayed due to prolonged monsoon.	Jul-22	All out effort has been laid to complete in revised target.
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
7		North 24 Parganas - Protection to the left bank of river Hooghly from Mangal Pandey Ghat to Malanch Tourist Lodge near Vivekananda State Police Academy for a length of 135 m including renovation of sluice under Barrackpore Municipality in P.S. - Barrackpore, Dist. - North 24 Pgs.	31.03.2020	Completed	NA	NA
8		South 24 Parganas - Protection work to the left bank of Hooghly embankment at Sulapani Ghat near Harna Sluice for a length of 200m in Block - Diamond Harbour-I, P.S. Diamond harbour, Dist-South 24 Parganas.	31.03.2021	42 % progress achieved.	Dec-22	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

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[1]	[2]	[3]	[4]	[5]	[6]	[7]
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	80 % 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.			
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 GPs. All the 41 GPs 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				
18	WRIDD(SWID)	Steps for conservation of groundwater particularly with reference to critical, semi critical or over exploited areas	Ground water conservation through rainwater harvesting and Artificial Recharge to GW		Targets achieved for 19 completed schemes.	
			District	Block Adjacent to polluted stretch of River Ganga	Nos.	Status
			North 24 Parganas	Barrackpore I (safe)	1	Completed (2020)
				Barrackpore II (safe)	1	Completed (2020)
			Howrah	Bidhannagar Municipal Corpn.	1	Completed (2021-2022)
				Bally-Jagacha (safe)	1	Completed (2016)
			KMC (not categorised)		9	Completed (2016)
					1	Completed (2017)
					3	3 completed (2020)
			South 24 Parganas	Diamond Harbour I (safe)	1	Completed (2017)
				Diamond Harbour II (safe)	1	Completed (2019)
			Safe blocks adjacent to polluted river stretch of river Ganga has been considered for GW recharging as hydraulic gradient is positive towards river Ganga and thus GW is in losing condition. Apprehending critical groundwater condition in future i.e. safe blocks become semi critical/critical/ overexploited. GW conservation measures have been taken up a precautionary measure thereof.			

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24	UDMA	Clearing old legacy Waste dumpsites	1. Bio-mining at Mollar Bheri in Bidhannagar Municipal Corporation (BMC) 2. Removal of the dumpsites from Dhapa within Kolkata Municipal Corporation (KMC) 3. Removal of other legacy waste from dumpsites from other municipalities / corporations		Out of 37 dumpsites at 31 ULBs, action has been taken at all dumpsites. Implementation at different stages is annexed. Till date 21.99 lakh household bins (green and blue colour) provided to these Ganga Towns. (Annexure V)		
25	UDMA	Public awareness and involvement for prevention and control of pollution of Ganga	Intensive IEC activities for all the ULBs situated beside the river Ganga involving all the people to generate public awarness regarding solid waste management rule 2016, sanitary landfill facility, procedure of scientific disposal of solid waste, necessity of sewage treatment, arresting the un-treated sewage to river Ganga, promoting eco-friendly products, banning of all palstic waste within a time frame.		1) Centre for Environment and Education, an expert agency, a Centre of Excellence under Ministry of Environment & Forest, Government of India has been engaged as State Level IEC Agency for Development of communication plan, training plan and training module on waste disposal. Communication plan for awareness generation on solid waste management has been prepared. 2) State level logo and slogan competition has been organized on scientific waste disposal in the month of September, 2019 and December, 2020. 3) SHG based publicity campaign in all ULBs was organized in September, 2019. Similar campaigns were there in December, 2020 also. 4) Eco friendly products and products from waste materials are being promoted as alternative to plastics through fairs. 5) Handbook has been prepared on SWM and leaflets have been circulated to all ULBs. 6) Booklet on Solid Waste Management "Barjo Babosthaponar Sahoj Path" in Bengali, Hindi ("Kachra Prabandha ka Sahaj Path") and English("SOLID WASTE MANAGEMENT : A PRIMER") versions published and circulated widely. i) Capacity building training of the rag pickers have commenced and to be completed shortly.		
26	UDMA	Regulating activities on an around river Ganga including Ghats and other establishments	9 Ghats have been completed at Garulia and handed over to the ULB, 2 Ghats at Kalna and Katwa have been completed and handed over to the ULBs, 2 Ghats one at Agradwip and another at Daihat are in progress. AA&ES for One Ghat (Prabhupada Ghat under ISCKON) has recently been issued. 3 Electric Crematoria (Garulia, Naihati and Bhatpara) have been completed and handed over to the ULBs. 9 electric Crematoria have been prioritised and now under feasibility study. The FSSM Policy of the State of WB for urban local bodies has been finalized and in the process of obligation. The mojar decisions under this policy are: 1. All Ganga ULBs will be having FSTPs (if not some ULBs will be clubbed together). All STPs will also be having FSTPs along with them. Under utilised STPs will temporarily be fed with the Faecal Sludge and Septage by Cess Pool vehicles. In Barrackpore STP, the low capacity utilisation is augmented to some extent by the Cess Pools carrying Faecal sludge and septage.				
27	UDMA	Plastic Waste Management	UD & MA Dept. GoWB has framed a bye-law with respect to Plastic Waste Management (Notification No: 215(Law) /C-12/NGT/Misc – 11/2020 dated 20/3/2020) Plastic carry bags are totally banned in the ecologically sensitive areas and 40 heritage / tourist sites of West Bengal 77 municipalities have banned the manufacturing, use and sale of plastic carry bags of thickness less than 50 micron and 18 municipalities banned use of single use plastic. Workshops carried out to generate awareness among different plastic waste generator and initiative taken to promote eco-friendly products as an alternative to plastic.				
28	nt of Forest	Afforestation and setting up of biodiversity parks	Activity Plantation on both sides of the river	Polluted River Stretch/Biodiversity Park 6 ha advance work completed (100%). Creation work yet to be started. Maintenance work will be taken up during 2022-23.	Creation work in progress. Work delayed due to late receipt of fund.	NA	NA

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[1]	[2]	[3]	[4]	[5]	[6]	[7]
29	Department of Forest	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.			

Special Mentions:

1. It is pertinent to mention here that 15 Sewage Treatment Plants (STPs) under 5 projects have been completed and put into operation during the period Jan 2022-May 2022. The details are as follows:

List of 15 STPs Completed during Jan-2022 to May-22 and made Fully Functional

Hooghly District

- ✓ STP at Baidyabati - Capacity 6 MLD
- ✓ STP at Bhadreswar - Capacity 7.60 MLD
- ✓ STP at Banberia - Capacity 0.30 MLD
- ✓ STP at Chandannagar - I - Capacity 18.16 MLD
- ✓ STP at Chandannagar - II - Capacity 4.50 MLD
- ✓ STP at Konnagar - Capacity 22.0 MLD

North 24 Parganas District

- ✓ STP at Halishar - Capacity 16 MLD
- ✓ STP at Barackpore - Capacity 18 MLD
- ✓ STP at Naihati - Capacity - 11.56 MLD
- ✓ STP at Garulia - Capacity - 7.90 MLD
- ✓ STP at Jitagath - Capacity - 4.50 MLD
- ✓ STP at Jitagath - Capacity - 4.50 MLD
- ✓ STP at Kanhati - Capacity - 12.00 MLD
- ✓ STP at Khardah - Capacity - 14.00 MLD

Nadia District

- ✓ STP at Nabadwip - Capacity 9.50 MLD

The water quality data for River Ganga from February '22 to May '22 reveals that the water quality of River Ganga is improving as the DO level at all locations always remain above the minimum specification / standard and BOD levels are below the maximum permissible limit, except at Palta, Sitalatala, where the BOD level exceeds marginally. However, presence of Faecal Coliform in river Ganga is above the maximum permissible level. In order to reduce Faecal Coliform level, Department of UD & MA, GoWB has formulated an Integrated Faecal Sludge & Septage Management policy for the urban areas in the state of West Bengal to provide safe sanitation in all Urban local bodies (ULBs) & notified it on the website.



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[1]	[2]	[3]	[4]	[5]	[6]	[7]

Annexure I

Overall status of the 43 Ganga Towns in West Bengal

I	Estimated Sewage Generation	1401 MLD
II	Details of Sewage Treatment Plants:	
	Existing no. of operational STPs and treatment capacity (in MLD):	33 (386.16 MLD)
	No of STPs under construction	9 (204 MLD)
	No of STPs under renovation	3 (187 MLD)
	No of STPs under proposal/tendering stage	16 (209.18 MLD)
	Total treatment capacity	986.34 MLD
III	Gap in treatment capacity	414.66 MLD

Note:

To address the Gap of **414.66 MLD**, proposals for additional treatment capacity of **550 MLD** (based on estimated population in 2036) by setting up new STPs in 16 Ganga Towns and by capacity augmentation of existing STPs, all amounting to Rs. 2,885 crore have been sent to NMCG under Namami Gange –II (2021-2023) by PD, SPMG, West Bengal on 4th February, 2021.

Annexure-II, Quarterly Progress (Apr-Jun 2022) 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]		[5]	[6]	[7]
1		Sewerage System & STP at Kalyani Municipal Town	2			Completed in the Financial Year of 2017-18 and presently are under O & M stage
2		Sewerage System & STP at Gayeshpur Municipal Town	1			
3		Sewerage System & STP at Bhatpara Municipal Town	4			
4		Sewerage System and STP at Halisahar Municipality	1	Overall physical progress achieved is 98.24%. (Operation & Maintenance started for STP) STP-100.00%, Network-99.80% (as per present scope), Pumping Stations-97.40% Details of the work completed- 1] Supplying & laying DWC HDPE Pipe (150 mm to 250 mm) - 180.711 KM. 2]Supplying & laying RCC (NP-3) and HDPE pipe (300 mm to 1000 mm) - 17.97 KM 3] Brick Masonry Rectangular Manhole - 5772 Nos. 4]Pre-cast RCC Circular Manholes - 6 Nos 5] House pit-6498. 6]Construction of Lifting Stations(New) LS-3,LS-4,LS-5,UGLS-4,UGLS-5,UGLS-MPS2 : 100% 7] Renovation, up -gradation & commission of existing LS and MPS (LS1,LS2 ,MPS1 (LS2A) and MPS2):100%	Operational	
5		Sewerage System and STP at Budge Budge Municipality	1	Overall physical progress achived is 100%. STP-100%, Network-100%, Pumping Stations-100% Details of the work completed- 1] TOTAL FOR HDPE PIPELINE - 74.928 KM out of 74.928 KM. 2] TOTAL FOR RCC PIPELINE - 1.910 KM. out of 1.910 KM. 3] TOTAL FOR JACK PUSHING - 1.004 KM out of 1.004 KM. 4] LIFTING STATIONS (Excluding LS-7) - Civil-100% and E&M - 100%. LS-7:- Already Land Handed over and work alreadystarted from 30.11.2020. 5] HDD- 12.524 KM out of 12.524 KM.	Operational	

Sl. No.	Concerned Department	Topic of Action point for STPs	No of STPs	Targets achieved and the reasons for delay in compliance	Targets not achieved and the revised timelines proposed*	Action taken or suggested for violation of timelines or non-achieving of targets
[1]	[2]	[3]		[5]	[6]	[7]
6		Sewerage System and STP at Barrackpore Municipality	2	<p>Overall physical progress achieved as on 31.03.22 is 96.8 %. (O&M of STPs Started) STP-100%, Network - 96%, Pumping Stations-98.5% Details of the work completed- STP-18 MLD - 100% STP-6 MLD- 100% HDP DWC pipe -99% RCC pipe -90% Manhole - 98 %, L.S-1B- 100% completed, L.S-3- 100% completed, L.S-4- 100% completed, L.S-9- 100% completed, L.S-8- 100% completed, MPS-2 : 100% completed. HDD method -94.5 % DI- 70% O&M started for 6 MLD & 18 MLD STP's after successful trial run & commissioning with available sewers from two no's of I&D. N.B.: Due to lockdown for COVID-19 pandemic (2 ND WAVE) , there may be a delay in project completion</p>	Operational	
7		Pollution Abatement Work for River Ganga at Nabadwip under NGP Scheme	1	<p>Overall physical progress achieved as on 31.03.2022 is 99.50%. Details of the work completed- 1] Construction of a new 9.5 MLD capacity STP- -completed.Power connection pending 2] Renovation of existing 10.50 MLD capacity STP-100% Completed and operational. 3] Construction of diversion cum inlet structure of the new pump house including walkway,screen,sluice gate and diversion pipe line - Completed 4] Existing pipeline cleaning (3000 m) - 100% Complete. 5] 600 mm dia pipe laying (3540 m) - Laying of 450 m dia. of 550m completed 6] Drain repairing (20821 m) -Completed 7] Renovation of existing MPS 1 no - Completed 8] Renovation of existing lifting station 2 no- Completed 9] Construction of new MPS Completed LOI issued: 07.03.2019</p>	Trail Run	
8		Pollution Abatement Works for River Ganga at Howrah under HAM	1	<p>Overall Physical Progress •STP:68.35% Network: 66.67% LS MPS Repair 40%</p>	Proposed time line:Sept 2023	
9		Pollution Abatement Works for River Ganga at Bally under HAM	1	<p>Overall Physical Progress STP: 65.83% Network:51.67% LS MPS Repair 71%</p>		
10		Pollution Abatement Work for River Ganga at Kamarhati & Baranagar under HAM	1	<p>Overall Physical Progress • STP:62.5% Network:27.33% LS MPS Repair 100%</p>		

Sl. No.	Concerned Department	Topic of Action point for STPs	No of STPs	Targets achieved and the reasons for delay in compliance	Targets not achieved and the revised timelines proposed*	Action taken or suggested for violation of timelines or non-achieving of targets
[1]	[2]	[3]		[5]	[6]	[7]
11	Municipal Development Authority (KMDA)	Pollution Abatement works for River Ganga at Kancharapara under DBOT	1	<p>Overall physical progress achieved as on 30.06.2022 is 85 %</p> <p>1] Renovation of existing sluice gate 3 nos - completed</p> <p>2] Renovation of existing MPS - 85%</p> <p>3] Construction of inlet chamber with Bar screen and gate-100%</p> <p>4] Laying of Pipeline -Completed</p> <p>5] Construction of 18 MLD capacity of STP - 82%</p> <p>6]Renovation and installation of existing structural bridge completed</p> <p>LOA issued on 20th August,2019</p>	Proposed time line: Aug 2022.	
12		Pollution Abatement Work for River Ganga at Berhampore	1	<p>Physical Progress : 12.35%</p> <p>The land for setting up the STP has been idemarkated on 09.09.2021 from the end of BL&LRO, Sadar, Berhampore. Construction work is under progress.</p> <p>Construction of STP Physical progress- 15%</p> <p>i) SBR Basin: Raft completed. Wall casting 4th lifting completed.</p> <p>ii) MPS- 7 lift of wall casting cpleted.</p> <p>LS at Kapiler Math: NOC issued and handed over to agency. Site clearance still pending with Berhampore Municipality.</p> <p>LS near DM Bungalow: NOC issued. But, due to shifting of electricity line which is dedicated for circuit house, alternative land to be handed over by the Berhampore Municipality. Matter is still pending.</p> <p>UGLS at Battala: NOC issued. But the construction work has not been started due to non finalization of revised BOQ</p> <p>Network: The NOC for laying pipeline on Kaji Najrul Sarani has been issued from PWD on 17.05.2022 and Berhampore Municipality on 06.05.2022.</p> <p>Laying of HDPE(DWC) pipe of 405 m length done till date. Manhole: 8% .</p>		

Sl. No.	Concerned Department	Topic of Action point for STPs	No of STPs	Targets achieved and the reasons for delay in compliance	Targets not achieved and the revised timelines proposed*	Action taken or suggested for violation of timelines or non-achieving of targets
[1]	[2]	[3]		[5]	[6]	[7]
13	Kolkata Metro	I & D network for existing drain falling in river Ganga including sewage treatment plant (STP) at Jangipur	2	<p>Physical Progress: 23.34%</p> <p>Construction of STP Physical progress-36%.</p> <p>i) SBR Basin: Pile Cap is under Construction</p> <p>ii) Inlet Chamber: Pile Cap is under Construction</p> <p>iii)MCC- Blower Room: construction upto Tie beam lvl. done. construction of machine foundation is completed and column up to grade slab level completed. Column above grade slab level is completed. Ground floor Slab is under construction.</p> <p>iv) Centrifuge House of STP: up to tie beam level construction completed. Up to grade slab level almost completed.Construction up to grade slab level is completed. Ground Floor slab is completed. Column above ground floor slab is completed. 1st floor slab also completed.</p> <p>v) Chlorination Building : Up to tie beam level - completed. Up to grade slab level also completed.Upto ground Floor slab is completed. Brick work is under progress.</p> <p>vi) CCT room: Not started.</p> <p>vii) MPS- 1no. The design and vetting 1 No. of MPS is completed. Layout done and construction is under progress.</p> <p>Network:</p> <p>Laying permission has been issued from the end of Jangipur Municipality.Laying of sewer line about 982 m completed till date . Manhole: 21% LS at Burning Ghat: NOC from IWAI is still awaited.</p>	Proposed time line: Aug 2023	
14		Pollution Abatement Works for river Ganga at Hooghly Chinsurah	1	<p>Overall physical progress(Civil work) is 2.13%</p> <p>1.Casting of Test pile completed. 2) 200 nos of piles,for SBR, has been completed out of 382 nos.</p> <p>3)Macinaries and Equipments has been mobilised</p> <p>4) Survey work completed</p> <p>5)Soil investigation completed</p> <p>6)Sewrage netwok design as well as structral design are going on.</p>	Proposed time line: July 2023	
15		Pollution Abatement Works for river Ganga at Maheshtala Municipality	1	Two nos of bid have been received in the 2nd call and the technical evaluation of the bid by the transaction advisor appointed by NMCG is in progress.	Proposed time line: May 2024	
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	Completed	Trial Run	

Sl. No.	Concerned Department	Topic of Action point for STPs	No of STPs	Targets achieved and the reasons for delay in compliance	Targets not achieved and the revised timelines proposed*	Action taken or suggested for violation of timelines or non-achieving of targets
[1]	[2]	[3]		[5]	[6]	[7]
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	<p>CHANDANNAGAR: Partially functional and presently undergoing renovation to make it fully functional.Overall physical progress is 97 % (Civil part) 1.Repairing & renovation of STP- 100 % (Civil part) 2. Repairing & renovation of MPS (1nos) and LS (2no.)-100% (Civil part) 3.Cleaning,Repairing & renovation of network- 95% (Civil part) 4. Repairing and renovation of Oxidation ponds along with internal drains within S.T.P premise is in progress-100% (Civil part)</p> <p>BANSBERIA: Partially functional and presently undergoing renovation to make it fully functional.Overall physical progress is 100% (CIVIL part) 1.Repairing & renovation of STP-100% (Civil part) 2.Repairing & renovation of MPS (1nos) -100% (Civil part) 3.Cleaning,Repairing & renovation of network- 95% (Civil part)</p>	Operational	
18		Rejuvenation of existing STP along with Lifting Station & Pumping Station including Sewerage Network and 5 (Five) Years Operation and Maintenance at Sreerampore and Champdani under Hooghly District in West Bengal.	2	This project has shifted from the Rejuvenation category to Augmentation category and 2nd call for the tender of DPR preparation (Augmentation of STP) is under process. Technical Bid and Financial Bid have been opened and the matter will go to DTC for final approval of the tender.	DPR Stage	
19		Rejuvenation of existing STP along with Lifting Station & Pumping Station including Sewerage Network and 5 (Five) Years Operation and Maintenance at Uttarpara – Kotrung and Konnagar under Hooghly District in West Bengal.	1	<p>Overall physical progress(Civil work): 86.25% · (1) Repairing & renovation of SIP: 90%, ·Work pending in SIP a) Inflow & Outflow measurement arrangement .b) Disinfection unit c) Internal road work . d) Pitching work in different part of STP . (2) Repairing & renovation of LS (4 nos.):-90% (3) MPS (1 no):- 95% , (4) Cleaning, Repairing & renovation of network- 50% (5) Road restoration work :- 30%</p>	Operational	

Sl. No.	Concerned Department	Topic of Action point for STPs	No of STPs	Targets achieved and the reasons for delay in compliance	Targets not achieved and the revised timelines proposed*	Action taken or suggested for violation of timelines or non-achieving of targets
[1]	[2]	[3]		[5]	[6]	[7]
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	<p>Overall Physical progress: Garulia Overall Physical Progress as on 30.06.2022 is : 99.75% comprising 1. Commissioning of STP =100% 2.Repairing & renovation of STP-100% 3.Repairing & renovation of MPS (1 nos) and LS (1 no.)-99% 4. Repairing & Rrenovation of network- 96% 5.Repairing & renovation of Diversion structure-98% Naihati (11.56-ASP) Overall Physical Progress is: 92.00% 1. Commissioning of STP =100% 2. Allied repairing & renovation of STP-99.0% 3.Repairing & renovation of MPS (1nos) and LS (1 no.)-100% 4.Cleaning,Repairing & renovation of network- 60% 5.Repairing & renovation of Diversion structure-75%. Overall physical progress of 6.5MLD STP : 92.00% comprising 1. Commissioning of STP =100% 2.Repairing & renovation of STP-92% 3.Repairing & renovation of MPS (2nos)-99% 4.Repairing & renovation of network-95% 5.Repairing & renovation of Diversion structure-100%</p> <p>Panihati Overall physical progress: 78.0% comprising 1. Commissioning of STP =100% Repairing & renovation of STP-95.00% Repairing & renovation of MPS (1nos) and LS (3no.)-80% Repairing & renovation of network- 29%. Diversion Structure at P.B.Ghat -90%.</p>	Operational	
21		Sewerage System and STPs at North Barrackpore	2	Technical Bid had been opened.Technical Evaluation is under progress.		
22	Kolkata Municipal Corporation (KMC)	Near WBSSETCL, Joka - 45 MLD	1	Work in Progress. The project progress is as per schedule. Completion: March 2023	The construction is running as per schedule thus no revised timeline has been proposed.	
23		Bank Plot, M.G Road - 40 MLD	1			
24		Rajpur-Sonarpur, Rania - 23 MLD	1			Work in progress. Completion: May 2023
25		Police Telecom Department Land, near Wireless Park - 15.3 MLD	1	Tender process ongoing under Tolly's Nullah Rehabilitation Project. Fresh DPR is being prepared.		
26		Near Golf Garden, Sukhapukur - 5.06 MLD	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]		[5]	[6]	[7]
27		Near Kavi Nazrul Metro Station, Birji Road - 5.70 MLD	1	Proposed under Municipal Waste Water Project Budgetary estimate is of about Rs. 1551.37 Crore.	Revised DPR will be submitted by August 2022.	
28		STP Near L.S 10 - 16 MLD	1			
29		STP Near At Surinaam Ghat, Dhankheti Nikashir - 25 MLD	1			
30		STP Near Bhanga Khal, Gardenreach area - 35 MLD	1			
31		STPs at Garden Reach and Keorapukur	2	Hard Copy of revised DPRs sent to Jamia Millia University for vetting.	Operational. DPR submitted to JMU for vetting.	
32	PHED	STPs at Diamond Harbour, Berhampore, Katwa, Murshidabad and Nabadwip	5	Operational. Constructed in GAP-I.	STP at Berhampore is non functional. Actions are being taken.	
33	MED	Jiagunj Azimgunj Takia Oxidation Pond	1	Scheme for rejuvenation of existing oxidation pond proposed and AA & FS accorded on 14-06-2021. Civil Part Rs-Rs.225.4848 Lakhs & E/M part Rs-65.102 lakhs.	Concerned ULB has already issued work order and work started..	
34		STPs at Dhulian, Haldia, Jiagunj Azimgunj, Chakdah, Raigunj, Santipur	6	Department of UD & MA has given 'In-Principle' approval for preperation of DPR for construction of STPs in these Ganga towns on 17.06.2021.	KMDA is taking urgent actions for preparation of DPRs.	

Interception & Diversion status of 56 Drains falling in River Ganga

Sl.No	Sl. No. of CPCB List	Name of drain	Coordinates / Latitude & Longitude	City/Town of Confluence point	Flow of drain (MLD)	Proposed Methodology	Any STP operational/planned in the catchment area or likely diversion/interception of the drain to STP	STP Capacity in Tender (MLD)	Likely date of completion
(A) Drains can be connected to the STP									
1	1	Jangipur Drain	24.465659 88.068739	Jangipur	0.2 MLD	In situ treatment	To be tapped with 8.0 MLD Jangipur STP under Berhampore-Jangipur STP project.	8.0 MLD	Work executed. Testing has been carried out and getting encouraging result
2	3	Halisahar Drain	22.928131 88.410995	Halisahar	97.2 MLD	Lock gate and drop shutter	Tapped with Halisahar STP (16.00 MLD capacity)	16.0 MLD	Tapped
3	4	Garifa Drain-South / Ramaghat Open pucca drain	22.908527 88.405872	Garifa	113.3 MLD	Lock gate and drop shutter	Tapped with STP 1 (6.50 MLD capacity WSP) at Naihati	18.0 MLD	Tapped
4	5	Garifa Drain-North	22.910819 88.404743	Garifa	6.5 MLD	Lock gate and drop shutter	Tapped with Naihati (6.50 MLD capacity WSP)		
5	6	Thanar Khal	22.533490 88.242890	Naihati	16.2 MLD	Lock gate and drop shutter	Tapped with Naihati STP (11.56 MLD capacity ASP)		
6	8	Imambara Khal	22.907930 88.400712	Hooghly	13.0 MLD	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 May 2023.
7	11	Chinsurah-Majir Rasta Drain	22.523180 88.233140	Hooghly	88.1 MLD	Lock gate and drop shutter	Consider in Hooghly - Chinsurah Tender.Taken up by Hooghly -Chinsurah STP project		
8	12	Chandni Ghat Drain	22.912617 88.398112	Chinsurah	1.7 MLD	Lock gate and drop shutter	Consider in Hooghly - Chinsurah Tender.Taken up by Hooghly -Chinsurah STP project		
9	17	Debitala Pancha Khal	22.815483 88.360441	Garulia	64.9 MLD	Lock gate and drop shutter	Tapped with Garulia STP(4.10 MLD capacity)	4.1 MLD	Tapped
10	19	Serampore / Bhagirathi Drain	22.446260 88.213700	Serampore	14.6 MLD	Lock gate and drop shutter	To be connected with Serampore	18.9 MLD	DPR is being prepared.New SBR based STP will be constructed with enhance capacity
11	20	Chatra Khal	22.455100 88.204930	Serampore	70.0 MLD	Lock gate and drop shutter	To be connected with Serampore		
12	21	Barrackpore Khal (S. P. Banglow)	22.550211 88.325062	North Barrackpore	43.2 MLD	Lock gate and drop shutter	To be connected with North Barrackpore STP (8 MLD capacity) under tendering stage		

Interception & Diversion status of 56 Drains falling in River Ganga

Sl.No	Sl. No. of CPCB List	Name of drain	Coordinates / Latitude & Longitude	City/Town of Confluence point	Flow of drain (MLD)	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
13	22	Gandhi Ghat Drain	22.750641 88.364329	Barrackpore	4.8 MLD	Lock gate and drop shutter	Tapped with Barrackpore STP (6.00 MLD capacity) which is already tapped		To be connected within April 2024 with North Barrackpore STP (8 MLD capacity) which is under tendering stage.
14	23	Dhobi Ghat Drain	22.793359 88.353420	North Barrackpore	1.2 MLD	Lock gate and drop shutter	To be connected with North Barrackpore STP (8 MLD capacity) under tendering stage		
15	24	Titagarh Drain (Bishalaxmi Ghat)	22.733628 88.363502	Titagarh	21.7 MLD	Lock gate and drop shutter	Tapped with Titagarh STP (4.50 MLD capacity)	12.0 MLD	Tapped
16	25	Hasting Ghat Drain	22.434500 88.213360	Rishra	29.0 MLD	Lock gate and drop shutter	DPR is under process for interception of the Drain in a newly proposed STP		DPR is under process for interception of the Drain in a newly proposed STP
17	30	Dewangazi Ghat Drain	22.642772 88.352557	Bally	7.6 MLD	Lock gate and drop shutter	To be connected with Kona STP (62.00 MLD) at Bally which shall be executed by Ganga STP Project	40.0 MLD	To be connected with Kona STP (62.00 MLD) at Bally which shall be executed by Ganga STP Project Pvt. Ltd. under HAM
18	32	Jagatnath Ghat Drain-1	22.619764 88.361093	Belur	17.3 MLD	Lock gate and drop shutter	To be connected with Kona STP (62.00 MLD) at Bally which shall be executed by Ganga STP Project Pvt. Ltd. under HAM		
19	33	Kamarhati Drain @ Jute Mill	22.675388 88.365275	Baranagar	25.9 MLD	Lock gate and drop shutter	To be connected with in Kamarhati-Baranagar STP (60.00 MLD) at Baranagar which shall be executed by Ganga STP Project Pvt. Ltd. under HAM	60.0 MLD	To be connected with in Kamarhati-Baranagar STP (60.00 MLD) at Baranagar which shall be executed by Ganga STP Project Pvt. Ltd. under HAM

Interception & Diversion status of 56 Drains falling in River Ganga

Sl.No	Sl. No. of CPCB List	Name of drain	Coordinates / Latitude & Longitude	City/Town of Confluence point	Flow of drain (MLD)	Proposed Methodology	Any STP operational/planned in the catchment area or likely diversion/interception of the drain to STP	STP Capacity in Tender (MLD)	Likely date of completion
20	34	Kamarhati Drain @ PB Ghat	22.684364 88.365903	Panihati	2.9 MLD	Lock gate and drop shutter	Connected with the STP (12.00 MLD capacity) at Panihati in rejuvenation works under North 24 Parganas district.	12.0 MLD	Connected with the STP (12.00 MLD capacity) at Panihati in rejuvenation works under North 24 Parganas district.
21	35	Kuthighat Drain/ Baranagar Khal	22.636390 88.362651	Baranagar	2.1 MLD	Lock gate and drop shutter	Considered in Kamarhati-Baranagar STP (60.00 MLD) at Baranagar which shall be executed by Ganga STP Project Pvt. Ltd. under HAM	60.0 MLD	Considered in Kamarhati-Baranagar STP (60.00 MLD) at Baranagar which shall be executed by Ganga STP Project Pvt. Ltd. under HAM
22	36	Chitpur Ghat Khal/ Circular Canal	22.606978 88.369915	Chitpur	458.6 MLD	Lock gate and drop shutter	KMC		KMC
23	37	Cossipore / Kashipur drain	22.618925 88.368367	Cossipore	9.5 MLD	Lock gate and drop shutter	KMC	KMC	KMC, Commissioner KMC has requested MS,WBPCB to exclude this drain as this drain does not discharge in Ganga,vide Memo No-CON/COM/162,Date-31/12/20
24	40	Telkal Ghat Drain	22.576444 88.340083	Howrah	13.7 MLD	Lock gate and drop shutter	KMC	KMC	KMC
25	41	Ramkrishna Ghat Drain	22.573083 88.336972	Howrah	0.2 MLD	Lock gate and drop shutter	EKW. (KMC)	KMC	KMC
26	42	101,Foreshore Road Drain	22.562300 88.327050	Howrah	8.2 MLD	Lock gate and drop shutter	Connected to Arupara STP.		Considered in Arupara STP (65.00 MLD) at Howrah which shall be executed by Ganga STP Project Pvt. Ltd. under HAM

Interception & Diversion status of 56 Drains falling in River Ganga

Sl.No	Sl. No. of CPCB List	Name of drain	Coordinates / Latitude & Longitude	City/Town of Confluence point	Flow of drain (MLD)	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
27	44	Tolly Nala	22.550211 88.325062	Kalighat	844.5 MLD	Lock gate and drop shutter	KMC	KMC	KMC
28	45	Nimtala Burning Ghat Drain	22.564738 88.242108	Kalighat	24.9 MLD	Lock gate and drop shutter	KMC	KMC	KMC
29	46	Dhankheti/ PB Ghat Khal	22.548084 88.289334	Khidderpore	80.9 MLD	Lock gate and drop shutter	KMC	KMC	KMC
30	47	Shibpur Burning ghat Drain	22.583304 88.348067	Shibpur-Howrah	5.4 MLD	Lock gate and drop shutter	Considered in Arupara STP (65.00 MLD) at Howrah which shall be executed by Ganga STP Project Pvt. Ltd. under HAM	65.0 MLD	Considered in Arupara STP (65.00 MLD) at Howrah which shall be executed by Ganga STP Project Pvt. Ltd. under HAM
31	48	Bagher Khal	22.955611 88.423912	Kanchrapara	134.50 MLD	Lock gate and drop shutter	To be intercepted in the Kanchrapara STP (18.00 MLD capacity) which is under execution.		
32	49	130 Foreshore Road Drain	22.341590 88.200660	Howrah	15.6 MLD	Lock gate and drop shutter	Considered in Arupara STP (65.00 MLD) at Howrah which shall be executed by Ganga STP Project Pvt. Ltd. under HAM	65.0 MLD	Considered in Arupara STP (65.00 MLD) at Howrah which shall be executed by Ganga STP Project Pvt. Ltd. under HAM
33	55	Alliance Mill Drain	22.857849 88.376030	Jagatddal	5.2 MLD	Lock gate and drop shutter	Already tapped with the Bhatpara STP through the ongoing Bhatpara Project	31.0 MLD	Tapped
34	56	Rosbara Khal	22.918529 88.395952	Bandel	168.3 MLD	Lock gate and drop shutter	Considered in Hooghly -Chinsurah STP project.	26.5 MLD	Considered to be connected Hooghly - Chinsurah STP project within 2023
35	50	Old Muni Khali Khal	22.525670 88.245923	Mahestala	6.9 MLD	Lock gate and drop shutter	Considered in Maheshtala I&D network project	35.00 MLD	Considered to be connected in Maheshtala I&D network project
(b) Drains can not be connected to the STP									
36	2	Bhatpara Drain	22.871384 88.399027	Bhatpara	3.1 MLD		DPR already sent to NMCG for approval		MLD STP at Jagaddal Bhatpara. DPR is under
37	7	Pratapnagar-Rajbari Drain	22.843929 88.378524	Bhatpara	2.6 MLD				

Interception & Diversion status of 56 Drains falling in River Ganga

Sl.No	Sl. No. of CPCB List	Name of drain	Coordinates / Latitude & Longitude	City/Town of Confluence point	Flow of drain (MLD)	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
38	9	Bhatpara-Open pucca drain	22.881233 88.410153	Bhatpara	35.3 MLD		Already been taken up by GAP sector KMDA		Tender for DPR is under process
39	10	Bagh Khal	22.714083 88.355567	Rishra & Konnagar	58.3 MLD		Tender invited for Preparation of DPR for Rishra Municipal Town in I&D with STP.		DPR is under process for interception of the Drain
40	13	Majher Char Khal	22.974131 88.409981	Kalyani	29.5 MLD		This drain will receive 90% of its flow from Kalyani Town and therefore a disinfection unit proposed there.		DPR for interception of this drain along with sewerage network of Kalyani is under process
41	14	Champdani Ferry Ghat / Paolghat Drain	22.799760 88.349396	Hooghly	3.9 MLD		To be connected with Champdani STP		Under Tendering Process
42	15	Khardah Khal	22.725851 88.366049	Khardah	271.5 MLD		Drain with humungus capacity and flow will be treated as separate canal/River		Huge drain ,can not be intercepted in a single STP, Separate DPR is to be prepared for exclusively for this Khal.Tender has been already invited soon
43	16	N.C. Pal Khal	22.566967 88.247855	Sankrail	10.7 MLD		Tender invited forPreparation of DPR for Howrah added zone in I&D with STP		Tendering Process under Howrah added area
44	18	Saraswati Khal	22.558776 88.232781	Howrah	20.6 MLD		Tender invited forPreparation of DPR for Howrah added zone in I&D with STP.		Tendering Process under Howrah added area
45	25	Dhopa Ghat Drain	22.953283 88.405553	Hooghly	0.1 MLD		Intersection is not possible still now		
46	26	Chandannagar Drain	22.856972 88.370107	Chandannagar	0.4 MLD		Work started soon		Tapped with Chandannagar STP
47	27	Najerganj Khal	22.558376 88.277443	Sankrail	1075.2 MLD		Preparation of DPR for Howrah added zone in I&D with STP		Tendering Process under Howrah added area
48	28	ITC Triveni Drain	23.003891 88.410901	Hooghly	0.5 MLD		M/S ITC Tribeni Tissue factory has been directed to install STP for their housing quarters. Monitoring of the same to be done on regular basis.		It is an outfall of ITC, Tribeni. It only carries the waste water from ITC, Tribeni.
49	29	Akhra Food Ghat drain (New Muni Khali Khal)	22.529541 88.251636	Mahestala	362.9 MLD		Approval awaiting from DTC,UD&MA		Under Tendering Process

Interception & Diversion status of 56 Drains falling in River Ganga

Sl.No	Sl. No. of CPCB List	Name of drain	Coordinates / Latitude & Longitude	City/Town of Confluence point	Flow of drain (MLD)	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
50	31	DVC Canal	22.807225 88.351670	Champdani	353.6 MLD		DPR for Augumentation of Srerampur Champdani STP is under progress		DPR for Augumentation of Srerampur Champdani STP is under progress
51	38	Bazarpara-Garighat Drain / Sharenga drain	22.529805 88.186297	Sankrail/ Sarenga	185.9 MLD		For Sarenga Khal, where 9 no. of effluent generating units are discharging effluents, WBPCB has already taken regulatory action.		
52	39	Baidyabati Drain	22.781649 88.332085	Baidyabati	576.0 MLD		Drain with humungus capacity and flow will be treated as separate canal/River		Under Tendering Process
53	43	Bally Khal	22.654986 88.346839	Bally	4860.0 MLD		Drain with humongous capacity and flow will be treated as separate canal/River		Under Tendering Process
54	51	Singhi More Khal	22.542012 88.226144	Sakrail	0.9 MLD		Tender invited forPreparation of DPR for Howrah added zone in I&D with STP		Tendering Process under Howrah added area
55	52	BTPS Out fall Drain-I	22.997221 88.406586	Hooghly	5.9 MLD		To be connected with North Barrackpore STP (8 MLD capacity) under tendering stage		Under capacity with respect to tapped drain
56	53	Balughat Manirampur	22.772383 88.335966	Khardah	0.9 MLD		To be connected within April 2024 with North Barrackpore STP (8 MLD capacity) which is under tendering stage.		To be connected within April 2024 with North Barrackpore STP (8 MLD capacity) which is under tendering stage.

Progress report regarding Solid Waste Management of 43 Ganga Towns

Sl. No.	Name of the Components	Status	Remarks
1.	100% Scientific Management of municipal Solid waste in Ganga Towns	<p>9(Nine) waste processing plants at Baidyabati, Rishra, Srerampore, Konnagar, Uttarpara Kotrang, Champdany, Haldia, Kolkata MC and Krishnanagar are functioning at present including one no RWMC with SLF has been set up at Baidyabati, that caters six Ganga towns of Hooghly District. Upgradation of the plants has been proposed by the Transaction Advisors engaged for assisting State Govt, towards Scientific planning of SWM.</p> <p>For Fresh waste processing unit and O&M : Plant in operation:1 (Krishnanagar), Agency engaged for 4 ULBs, LoA Issued: 14 ULBs, Land Identification and procurement under process for: 6 ULBs, Tender document under preparation: 1 ULB, To be processed through SHG: 1 ULB and remaining 16 ULBs are in different stages of tender process.</p> <p>For legacy waste removal through bio mining: Out of 38 dumpsites at 31 ULBs, action has been taken at all dumpsites. Implementation at different stages is annexed.</p>	Transaction Advisors and Microplanning Organizations have been engaged for assisting State Govt, towards Scientific planning of SWM for each and every ULBs.
2.	Status of open dump sites and GVPs along River Ganga.	There are no open dump sites present along River Ganga.	
3.	Screening arrangements and their regular cleaning at all nullahs in Ganga Towns.	<p>Out of 402 drains discharging to River Ganga 400 Drains on which screens have been provided and they are being cleaned at a regular intervals.</p> <p>In rest 2 no. of drains, screen installation is not technically feasible, bio-remediation & phyto-remediation measures undertaken.</p>	List showing the name of the ULBs with details has been attached.
4.	Regular Ghat cleaning.	100% cleaning operation is being done by all the respective ULBs on regular basis. Bins have been provided at every Ghat.	
5.	Anti littering message	Anti littering messages have been displayed on each and every Ghats.	
6.	Progress in SBM-U matters	<p>ODF status Achieved- Self Declared: 43 ULBs, Govt declared ODF: 38 ULBs</p> <p>Initial Target for IHHL construction- 215784 nos</p> <p>Revised Target for IHHL construction-67851 nos</p> <p>IHHL construction Completed=66224 nos (98%)</p> <p>IHHL Geo-tagging Completed-65731 nos</p>	
7	Inspection of Ghats	Report Annexed	

Townwise Progress of SWM Projects in 43 Ganga Towns

West Bengal

Sl. No.	Town	2011 Population	Total Waste Generation (TPD)	Ward-wise Status of SWM			Status of Waste Processing Plant(s) (all capacities are in TPD)						Present Status of the tender of Fresh Waste Processing Plant after preparation of DPR
				No. of Wards	Wards with D2D Collection	% Wards with D2D Collection	Plant Operational	Under Construction	DPR approved	DPR submitted for approval	DPR to be Prepared	Target Date for plant commissioning	
1	Baidyabati	121110	68	23	23	100%	30			38	0		AA&FS Awaited
2	Bansberia	103920	39	22	22	100%					39		Financial bid under Evaluation
3	Baranagar	245213	145	34	34	100%		50	95		0		Work Order Issued
4	Barrackpore	152783	50	24	24	100%					50		AA & FS Received and LoA Issued
5	Berhampore	195223	90	28	28	100%					90		AA & FS Received and LoA Issued
6	Bhadreswar	101477	23	22	22	100%					23		AA&FS Awaited
7	Bhatpara	383762	205	35	35	100%		95			110		Purchase of land under process
8	Budge Budge	76837	37	20	18	90%					37		AA & FS Received and LoA Issued
9	Chakdah	95203	68	21	21	100%					68		AA & FS Awaited
10	Champdany	111251	59	22	16	73%	20			39	0		AA&FS Awaited
11	Chandannagore MC	166867	46	33	33	100%					46		AA & FS Received and LoA Issued
12	Dhulian	95706	45	21	21	100%					45		AA & FS Awaited
13	Diamond Harbour	41802	18	16	12	75%					18		To be processed through SHG
14	Garulia	85336	45	21	21	100%					45		AA & FS Awaited
15	Gayeshpur	58998	60	18	18	100%					60		AA & FS Awaited
16	Haldia	200827	80	29	29	100%	65				15		Already Existing
17	Halisahar	124939	52	23	22	96%					52		AA & FS Received and LoA Issued
18	Hooghly Chinsurah	177259	75	30	30	100%					75		AA & FS Received and LoA Issued
19	Howrah MC	1077075	910	66	64	97%					910		RfP under preparation
20	Jangipur	88165	40	21	21	100%					40		Purchase of land under process
21	Jiaganj-Azimganj	51790	21	17	15	88%					21		Purchase of land under process
22	Kalyani	100575	56	21	21	100%					56		AA & FS Received and LoA Issued
23	Kamarhati	330211	155	35	32	91%			155		0		Work Order Issued
24	Kanchrapara	120345	64	24	23	96%					64		Financial bid under Evaluation
25	Katwa	81615	32	20	20	100%					32		Purchase of land under process
26	Khardah	108496	65	22	22	100%					65		AA & FS Received and LoA Issued
27	Kolkata MC	4496694	4590	144	144	100%	500				4090		One 500 MT PD compost plant running
28	Konnagar	76172	30	20	20	100%	15			15			AA&FS Awaited
29	Krishnanagar	153062	130	24	24	100%	70				60		Already Existing
30	Maheshtala	448317	184	35	35	100%					184		AA&FS Received
31	Murshidabad	44019	32	16	15	94%					32		AA & FS Received and LoA Issued
32	Nabadwip	125543	54	24	23	96%					54		AA & FS Received and LoA Issued
33	Naihati	217900	165	31	31	100%		60			105		AA&FS Awaited
34	North Barrackpore	132806	47	23	23	100%					47		UD&MA Department Issued letter to DM for Land Identification
35	Panihati	377347	169	35	30	86%					169		Work Order Issued

Sl. No.	Town	2011 Population	Total Waste Generation (TPD)	Ward-wise Status of SWM			Status of Waste Processing Plant(s) (all capacities are in TPD)						
				No. of Wards	Wards with D2D Collection	% Wards with D2D Collection	Plant Operational	Under Construction	DPR approved	DPR submitted for approval	DPR to be Prepared	Target Date for plant commissioning	Present Status of the tender of Fresh Waste Processing Plant after preparation of DPR
36	Pujali	37047	15.6	16	0	0%					15.6		Inter Departmental Transfer of land under Process
37	Raiganj	183612	90	27	27	100%				90			AA & FS Received and LoA Issued
38	Rishra	124577	50	23	22	96%	22			28			AA&FS Awaited
39	Santipur	151777	68	24	24	100%					68		AA & FS Received and LoA Issued
40	Serampore	181842	90	29	29	100%	38				52		AA&FS Awaited
41	Titagarh	116541	65	23	23	100%					65		AA & FS Received and LoA Issued
42	Uluberia	222240	118	32	23	72%					118		AA & FS Received and LoA Issued
43	Uttarpara Kotrung	159147	90	24	24	100%	28			62			AA&FS Awaited
	Total	11745428	8535.6	1218	1164	96%	788	205	250	272	7021		

Status of Bio-mining of Legacy waste in 31 Ganga Towns

SI No	Name of the City	Dumpsite location	Quantity of waste at dumpsite (Ton)	Is fresh waste still being dumped at the dumpsite	If yes-then quantity of waste being dumped (TPD)	Has remediation of Legacy waste been done (Y/N/under consideration)	If Y/under consideration- please attach Action Plan	Tender Issuing Authority
1	Maheshtala	Ward No- 35	2,30,517	Yes	248.77	Under Consideration	WO Issued, Work Started	KMDA
2	Budge Budge	Subhas Udyan	20,721	Yes	31.16	Under Consideration	WO Issued, Work Started	KMDA
3	Bhatpara	Madral, Ward no. 6, Bhatpara	29,122	yes	80.6	Under Consideration	WO Issued, Work Started	KMDA
	Bhatpara	Jilabi Math, W. No. 13, Bhatpara, North 24 Parganas, Near Jilabi Math	29,138	Yes	95.31	Under Consideration	WO Issued, Work Started	KMDA
4	Garulia	Fanching ground road , W.no 11 Garulia , North 24 Parganas	52,449	Yes	46.24	Under Consideration	WO Issued, Work Started	KMDA
5	Jangipur	Jangipur(Near MianpurAjarpara Road0	3211.208	Yes	33.7	Under Consideration	Work Order Issued	KMDA
6	Halisahar	Ward 8 - Niranjan trenching ground	6799	Yes	55	Under Consideration	WO Issued, Work Started	KMDA
7	Kachrapara	Ward 12-13, Bidhanpally	24,282	Yes	71.79	Under Consideration	WO Issued, Work Started	KMDA
8	Krishnanagar	Ward 5- Goda Danga	51802	Yes	130	Under Consideration	WO Issued, Work Started	KMDA
9	Santipur	Ward 10- Moylar math	22,097	YEs	65.22	Under Consideration	WO Issued, Work Started	KMDA
10	Nabadwip	Ward 1- near Bishnupriya station	83,967	YEs	58.99	Under Consideration	WO Issued, Work Started	KMDA
11	Barrackpore	Ward 17- On old Kolkata Road	72,846	YEs	50	Under Consideration	WO Issued, Work Started	KMDA
12	Gayeshpur	Ward 16- near VS club	7479	Y	44.77	Under Consideration	WO Issued, Work Started	KMDA
	Gayeshpur	Ward 14- near SHG training centre	4986	Y	44.77	Under Consideration	WO Issued, Work Started	KMDA
13	DIAMOND HARBOUR	Beside NH 117 (Panchayet Area)	9349.86	YES	11.03	Under Consideration	WO Issued, Work Started	KMDA

SI No	Name of the City	Dumpsite location	Quantity of waste at dumpsite (Ton)	Is fresh waste still being dumped at the dumpsite	If yes-then quantity of waste being dumped (TPD)	Has remediation of Legacy waste been done (Y/N/under consideration)	If Y/under consideration- please attach Action Plan	Tender Issuing Authority
14	PANIHATI	1 KM from Sodepur Barasat Road, kanchkol Stopage	51767.35	YES	186	Under Consideration	WO Issued, Work Started	KMDA
15	KHARDAH	1km from Kalyani Expressway Ruiya Khardah Stoppage	46118	YES	68	Under Consideration	WO Issued, Work Started	KMDA
16	TITAGARH	Oppeside Side of ULB on BT Road	120886	60	Not Applicable	RFP prepared to be floted shortly	WO Issued, Work Started	KMDA
17	Uluberia	Ward No. 31, Beside NH-6	14,394	Yes	NA	Under Consideration	Work in progress	KMDA
	Uluberia	Ward No. 6, Bauria	14,000	Yes	NA	Under Consideration	Work in progress	KMDA
18	Hooghly-Chinsurah	Kedia – I GP, Sukantanagar	1,26,266	Yes	80	Under Consideration	WO Issued, Work Started	KMDA
19	Chandannagar MC	KolupukurVermi Compost Plant. KolupukurBhagar more Ward-8	2,15,916	Yes	40	Under Consideration	WO Issued, Work Started	KMDA
20	Jiaganj-Azimganj	Ghoramari (Azimganj Side)	19,426	Yes	8	Under Consideration	Work Order Issued	KMDA
21	Berhampore	KomolapurKhadamkhandi (ward no 2)	55,946	Yes	90	Under Consideration	WO Issued, Work Started	KMDA
22	Murshidabad	Kathgola Bagan (ward no 15)	94,059	Yes	NA	Under Consideration	WO Issued, Work Started	KMDA
23	Kalyani	Ward 6- near Kacharipara	38527	No	55	Under Consideration	WO Issued, Work Started	KMDA
	Kalyani	Ward 17- beside highway	22016	Yes	55	Under Consideration	WO Issued, Work Started	KMDA
24	Raiganj	Bandar Samshan(Ward 22)	38,463	Yes	80	Under Consideration	Work Order Issued	KMDA
25	BARANAGAR	Belghoria Express Way	854726			Under Consideration	Work in progress	SUDA
26	KAMARHATI	(Punjab Villa), Agarpara East Station Road	155764	YES	150			
27	Kolkata MC	DHAPA Under W-58 OF BR-VII/KMC	4000000	Yes	4500	Under Consideration	Work in progress	KMC

SI No	Name of the City	Dumpsite location	Quantity of waste at dumpsite (Ton)	Is fresh waste still being dumped at the dumpsite	If yes-then quantity of waste being dumped (TPD)	Has remediation of Legacy waste been done (Y/N/under consideration)	If Y/under consideration- please attach Action Plan	Tender Issuing Authority
27	Kolkata MC	Gardenreach under borough 15	150000	Yes	5	Under consideration	Tender Floated	KMC
28	Dhuliyān	Dhuliyān(Near Ratanpur)	177.6	Yes	71	Under Consideration	Tender Floated	SUDA
29	Bhadreswar	Sanjay colony, N S Road,	2,733	Yes	23	Under Consideration	Tender Matured, AA& FS Awaited	SUDA
30	Bansberia	Ward no. 8 & 18	4,254	Yes	29	Under consideration	Tebder floated	SUDA
	Bansberia	Ward no. 22	3100	Yes	10	Under consideration	Tebder floated	SUDA
31	Howrah MC	Belgachia I, II	9,61,567	Yes	NA	Under Consideration	3rd call Floated	HMC
	Howrah MC	Chandmari	11,655	Yes	NA	Under Consideration	Tebder floated	HMC

- **Total Legacy Waste Dump Site: 38 in 31 Ganga Towns (Including Raiganj)**

- **Tender Floated by KMDA for 28 Dump sites (Including Raiganj)**

A. Work Order Issued, Work Started : 28

- **Legacy dump sites taken up by SUDA : 5**

A. Work in progress : 1 (Promodnagar Cluster)

B. Tender Matured, AA& FS Awaited : 1 (Bhadreswar)

C. Yet to Float: 3 (Dhulian and two dumpsites at Bansberia)

- **Legacy dump sites taken up by KMC : 2**

A. Work in progress : 1 (Dhapa)

B. Tender floated : 1 (Gardenreach)

- **Legacy dump sites taken up by HMC : 2**

A. Financial Bid under evaluation: 1 (Belgachia)

B. Yet to Float: 1 (Chandmari)

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	Naihati	4	4	0	-	0	N. A.	Yes	
26	North Barrackpore	11	11	0	-	0	N. A.	Yes	
27	Panihati	7	7	0	-	0	N. A.	Yes	
28	Pujali	2	2	0	-	0	N. A.	Yes	
29	Santipur	0	0	0	-	0	N. A.	Yes	
30	Serampore	15	15	0	-	0	N. A.	Yes	
31	Titagarh	3	3	0	-	0	N. A.	Yes	
32	Uttarpara-Kotrung	9	9	0	-	0	N. A.	Yes	
33	Rishra	4	4	0	-	0	N. A.	Yes	
34	Hooghly-Chinsurah	42	42	0	-	0	N. A.	Yes	
35	Uluberia	10	10	0	-	0	N. A.	Yes	
36	Maheshtala	10	10	0	-	0	N. A.	Yes	
37	Champdany	3	3	0	-	0	N. A.	Yes	
38	Berhampur	33	33	0	-	0	N. A.	Yes	
39	Garulia	10	10	0	31.10.2019	0	N. A.	Yes	
40	Haldia	8	8	0	13.02.2020	0	N. A.	Yes	
41	Kolkata MC	14	14	0	-	0	N. A.	Yes	
	TOTAL	372	372	0					
1	Howrah MC	30	28	2	-	0	N. A.	Yes	2 belongs to KMDA, 2nos under Irrigation Dept. As per Exe. Engg. all the works for installation of screen, has been awarded to KMDA & 2 nos screen has already been installed.
	TOTAL	30	28	2					
	GRAND TOTAL	402	400	2					

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

Sl No	District	ULB	Initial Target	Final Revised Target	Construction completed	Online uploaded	ODF Inspection done by Gol Third Party Org.	ODF Certified by Gol Third Party Org.	Self Declared as ODF
1	HOOGHLY	Baidyabati	1303	632	632	629	Yes	Yes	Yes
2	HOOGHLY	Bansberia	2993	1140	1140	1140	Yes	Yes	Yes
3	HOOGHLY	Bhadreswar	3006	1200	1200	1200	Yes	Yes	Yes
4	HOOGHLY	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	No	Not visited Gol Third Party Org.	Yes
12	HOWRAH	Uluberia	8837	8670	8670	8670	Yes	Yes	Yes
13	KOLKATA	Kolkata MC	68868	0	0	0	No	Not visited Gol Third Party Org.	Yes
14	MURSHIDABAD	Berhampore	1953	2837	2837	2837	Yes	Yes	Yes
15	MURSHIDABAD	Dhulian	6104	7990	7990	7990	Yes	Yes	Yes
16	MURSHIDABAD	Jangipur	2132	2702	2702	2702	Yes	Yes	Yes
17	MURSHIDABAD	Jiaganj-Azimganj	1888	2017	2017	2017	Yes	Yes	Yes
18	MURSHIDABAD	Murshidabad	1221	1500	1500	1500	Yes	Yes	Yes
19	NADIA	Chakdah	495	705	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	No	Not visited Gol Third Party Org.	Yes
30	NORTH 24-PGS	Kamarhati	2621	342	300	300	Yes	Yes	Yes
31	NORTH 24-PGS	Kanchrapara	1366	704	704	702	Yes	Yes	Yes
32	NORTH 24-PGS	Khardah	908	208	208	205	Yes	Yes	Yes
33	NORTH 24-PGS	Naihati	1520	1115	1115	1115	No	Not visited Gol Third Party Org.	Yes
34	NORTH 24-PGS	North Barrackpore	2132	302	302	302	Yes	Yes	Yes
35	NORTH 24-PGS	Panihati	4193	1000	1000	985	Yes	Yes	Yes
36	NORTH 24-PGS	Titagarh	440	440	440	438	Yes	Yes	Yes
37	Purba BARDDHAMAN	Katwa	832	1232	1232	1232	Yes	Yes	Yes
38	PURBA MEDINIPUR	Haldia	2813	2813	2813	2813	Yes	Yes	Yes
39	SOUTH 24-PGS	Budge Budge	2707	977	977	977	Yes	Yes	Yes
40	SOUTH 24-PGS	Diamond Harbour	896	1595	1595	1595	Yes	Yes	Yes
41	SOUTH 24-PGS	Maheshtala	45658	6562	6562	6562	Yes	Yes	Yes
42	SOUTH 24-PGS	Pujali	716	510	510	510	Yes	Yes	Yes
43	UTTAR DINAJPUR	Raiganj	5431	5911	5203	5203	No	Not visited Gol Third Party Org.	Yes
			215784	67851	66224	65731	Yes=38 No=5	Yes=38	Yes=43

Supply of bins and vehicles for SWM to 43 Ganga Towns

SI No	Municipality	District	Bins Supplied	Battery Operated Tipper SEPARATED Supplied	Fuel Operated Tipper SEPARATED Supplied	Tri-Cytle Van supplied	Back Hoe Loader	Dumper	Movable Compactor	Stationary Compactor	Hook Loader
1	Katwa	Bardwaman	34400	6	5	20		1	1		
2	Kolkata MC										
3	Howrah MC	Howrah	267406			0					
4	Uluberia	Howrah	148408	6	6	20		1	3	1	1
5	Baidyabati	Hooghli	50000	12	4	34	1	1	2		
6	Bansberia	Hooghli	36000	5	4	20		1	2		
7	Bhadreswar	Hooghli	53678	12		20	1	1	2		
8	Champdany	Hooghli	EP	4		10		1	2		
9	Chandannagore MC	Hooghli	82592	14		20	1	1	3	1	1
10	Hooghly Chinsurah	Hooghli	92042	5	5		1	1	3		
11	Konnagar	Hooghli	EP	5	4	12	1	1	1		
12	Rishra	Hooghli	43912	10	14	14	1	1	2		
13	Serampore	Hooghli	EP	6		12	1	1	3		
14	Uttarpara Kotrung	Hooghli	42520	5	16	15	1	1	2		
15	Berhampore	Murshidabad	60656	6				1	3		
16	Dhuliyani	Murshidabad	40000	7	4	20	1	1	2		
17	Jangipur	Murshidabad	20650	6				1	2		
18	Jiaganj-Azimganj	Murshidabad	23412	5	4		1	1	1		
19	Murshidabad	Murshidabad	25490	6	5	20	1	1	1		
20	Chakdah	Nadia	58840	5	4	10		1	2		
21	Gayeshpur	Nadia	34000	4	4	10		1	1		
22	Kalyani	Nadia	51144	9	9	33	1	1	2		
23	Krishnanagar	Nadia	EP	8				1	2		
24	Nabadwip	Nadia	58470	10		20		1	2		
25	Santipur	Nadia						1	2		
26	Baranagar	North 24 Pgs	80000	5		20		1	5	1	1
27	Barrackpore	North 24 Pgs	75312	4	6			1	2		
28	Bhatpara	North 24 Pgs	EP					1	3	1	1
29	Garulia	North 24 Pgs	36600	5		12		1	2		
30	Halisahar	North 24 Pgs	67226	5		13	1	1	2		
31	Kamarhati	North 24 Pgs	190000	10	6	40	1	1	3	1	1
32	Kanchrapara	North 24 Pgs	55952	5	4	15		1	2		
33	Khardah	North 24 Pgs	52000	4		13		1	2		
34	Naihati	North 24 Pgs	2800	5		20		1	3	1	1
35	North Barrackpore	North 24 Pgs	65128	5		20		1	2	1	1
36	Panihati	North 24 Pgs	180000	5		20		1	3	1	1
37	Titagarh	North 24 Pgs	47738	6		12	1	1	2		
38	Haldia	Purba Medinipur	98400	6				1	3		
39	Budge Budge	South 24 Pgs	29476	5	4	20		1	1		

Sl No	Municipality	District	Bins Supplied	Battery Operated Tipper SEPARATED Supplied	Fuel Operated Tipper SEPARATED Supplied	Tri-Cytle Van supplied	Back Hoe Loader	Dumper	Movable Compactor	Stationary Compactor	Hook Loader
40	Diamond Harbour	South 24 Pgs	8200	5	4	12		1	1		
41	Maheshtala	South 24 Pgs	40140	11		12		1	4	1	1
42	Pujali	South 24 Pgs	18600	5		12		1	0		
43	Raiganj	Uttardinaipur	66388	14	2	20		1	3		
TOTAL=			2337580	261	114	571	15	41	89	9	9

Site Inspection Report.

Month- June 2022

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

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	26.93	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 no. of household-80,000 Covered under old GAP connection-21000 To be covered in this phase-22400,executed till date-14110 pending-8290 Rest will be covered under GAP Ph-II , which is under process	NIL
2	Kalyani	Kalyani	21.00	Influent -19.73 (avg) Effluent-18.7 (AVG)		Not install till now	Balance house connections (8,000 Nos.) are situated peripheral regions (added zone) of the Kalyani Municipality for which new sewer network is required and preparation of a new DPR under process for that. Technical Bid of 2 nd	NIL

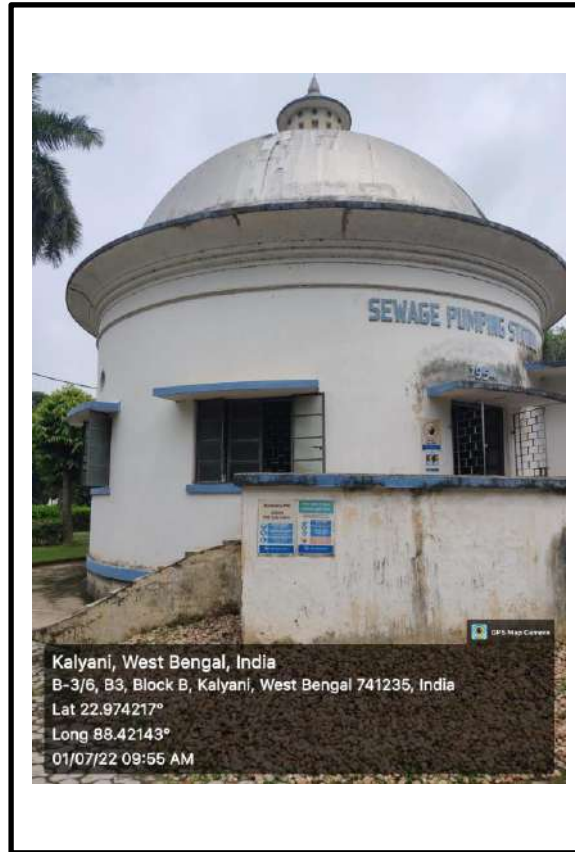
Sl. No.	Location	ULB Jurisdiction	Capacity in MLD	Actual utilization at present	Reasons for underutilization if any	Status of installation of OCEMs	Status of House Connection (if any)	Incremental progress over the last visit
							call for preparing DPR is to be opened 05.01.2022. Work order will be issued shortly.	
3	Gayeshpur	Gayeshpur	8.33	Influent: 3.22 MLD (38.65%) Effluent: 3.20 MLD (38.41%)	Inadequate house connection		Due to pending work of house connection 10323 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	STP is running smoothly and effluent quality as per CPCB norms. Sewage has been increased compared to previous month viz Jan 2022 2.74
4	Budge Budge	Budge Budge	9.3	1.8	Only for available drain connection	Not install till now	Technical and financial evaluation is completed for 6 nos tenders under 3 rd call & awaiting for approval from the competent authority and 6 Nos Tender's w/o issued.	HDD work :30 m has been done
5	Barrackpore	Barrackpore	24.0	7.00	Sewerage network could not been completed as the Local Municipal authority has barred the Sewerage network at present for the ensuing	Not install till now	Due to pending work of house connection 10323 nos. of HSC has been completed out of 15000 household. Barrackpore Municipality is executing the work by engaging agencies through tender. Work is in progress	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
					assembly poll and House connection work has also not been completed. Presently sewage from the existing drains are being taken by I& D structures			
6	Halisahar	Halisahar	16.0	3.00	Pending of house connection. Only drain water collected	Not install till now	Local ULB is executing the work. Work is in progress.	Operation & Maintenance work for STP started.

SITE VISIT PHOTOGRAPH OF STP UNDER OPERATION& MAINTENANCE STAGE IN
JUNE 2022



GAYESHPUR



Kalyani



Gayeshpur

SITEVISIT PHOTOGRAPH OF STP UNDER OPERATION/TRIAL & RUN STAGE IN JUNE 2022



BARRACKPORE STP SITE



BARRACKPORE STP SITE

SITE VISIT PHOTOGRAPH OF STP UNDER OPERATION/TRIAL & RUN STAGE IN JUNE 2022



BUDGE BUDGE



BUDGE BUDGE

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
3	Bandipur (Khardah)	Khardah	14.00	Data not available	Work in progress	Non-functional and presently undergoing renovation to make it fully functional. Overall physical progress as on 30.06.2022 : 65% comprising 1.Repairing & renovation of STP-65%	STP physical progress 20% increase.
4	Garulia	Garulia	7.90	2004 Data not available	Work in progress	Presently it is in trail run stage. Overall Physical Progress as on 30.06.2022 is : 99.75% comprising 1. Commissioning of STP =100% 2.Repairing & renovation of STP-100% 3.Repairing & renovation of MPS (1 nos) and LS (1 no.)-99% 4. Repairing & Rrenovation of network-96% 5.Repairing & renovation of Diversion structure-98%	Overall physical progress increase 0.5 %

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
5	Naihati	Naihati	6.50	Data not available	Work in progress	Non-functional and presently undergoing renovation to make it fully functional. Overall physical progress as on 30.06.2022 : 92.00% comprising 1. Commissioning of STP =100% 2.Repairing & renovation of STP-92% 3.Repairing & renovation of MPS (2nos)-99% 4.Repairing & renovation of network-95% 5.Repairing & renovation of Diversion structure-100%	Overall physical progress increase 0.5%
6	Panihati	Panihati	12.00	1993 Data not available	Work in progress	Non-functional and presently undergoing renovation to make it fully functional. Overall physical progress as on 30.06.2022 : 78.0% comprising 1. Commissioning of STP =100% Repairing & renovation of STP-95.00% Repairing & renovation of MPS (1nos) and LS (3no.)-80% Repairing & renovation of network- 29%. Diversion Structure at P.B.Ghat -90%.	Overall physical progress increase :3.0%
7	Baidyabati	Baidyabati	6.00	2007 Data not available	LOI issued on 24th MAY, 2021 work order issued on 11.06.2021	TRIAL RUN STARTED	NA

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
8	Bhadreswar	Bhadreswar	7.60	2006 Data not available	LOI issued on 24th MAY, 2021 work order issued on 11.06.2021	TRIAL RUN STARTED	NA
9	Chandannagar	Chandannagar	22.66	1996 Data not available	STP Commissioned	Partially functional and presently undergoing renovation to make it fully functional.Overall physical progress as on 30.06.2022 is 97 % (Civil part) 1.Repairing & renovation of STP- 100 % (Civil part) 2.Repairing & renovation of MPS (1nos) and LS (2no.)-100% (Civil part) 3.Cleaning,Repairing & renovation of network- 95% (Civil part) 4. Repairing and renovation of Oxidation ponds along with internal drains within S.T.P premiese is in progress-100% (Civil part)	Overall physical progress increase : 2%
10	Bansberia	Bansberia	0.30	2009 Data not available	STP Commissioned	Partially functional and presently undergoing renovation to make it fully functional.Overall physical progress as on 30.06.2022 is 100% (CIVIL part) 1.Repairing & renovation of STP-100% (Civil part) 2.Repairing & renovation of MPS (1nos) - 100% (Civil part) 3.Cleaning,Repairing & renovation of network- 100% (Civil part)	NA

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
11	Uttarpara – Kotrung and Konnagar	Kanaipur Gram Panchayet	22.00	2007 Data not available	Work is in Progress	<p>Overall physical progress(Civil work)as on 31.06.2022:</p> <p>(1) Repairing & renovation of STP: 90%, · Work pending in STP</p> <p>a) Inflow & Outflow measurement arrangement b) Disinfection unit c) Internal road work . d) Pitching work in different part of STP. ·</p> <p>(2) Repairing & renovation of LS (4 nos):-90%</p> <p>(3) MPS (1 no):- 95% ,</p> <p>(4) Cleaning, Repairing & renovation of network-50%</p> <p>(5) Road restoration work :- 30%</p>	Cleaning, Repairing & renovation of network- 50%
12	Naihati	Naihati	11.56	2009 Data not available	Work is in Progress	<p>Partially functional and presently it is in trail run stage.</p> <p>Overall Physical Progress as on 30.06.2022 is: 92.00%</p> <p>1. Commissioning of STP =100%</p> <p>2. Allied repairing & renovation of STP-99.0%</p> <p>3.Repairing & renovation of MPS (1nos) and LS (1 no.)-100%</p> <p>4.Cleaning,Repairing & renovation of network- 60%</p> <p>5.Repairing & renovation of Diversion structure-75%.</p>	Overall physical progress increase :4%

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
13	Titagarh	Titagarh	9.00	1989 Data not available	Work is in Progress	Overall Physical Progress as on 30.06.2022 is :80.00% comprising . 1. Commissioning of STP =100% 2.Repairing & renovation of MPS (1 nos) and LS (3 no.)-98% 3.Cleaning,Repairing & renovation of network- 85% 4.Repairing & renovation of Diversion structure-90%.	Overall physical progress increase : 4%

SITE VISIT PHOTOGRAPH OF STPs UNDER NON-OPERATIONAL/ PARTIALLY OPERATIONAL IN JUNE 2022

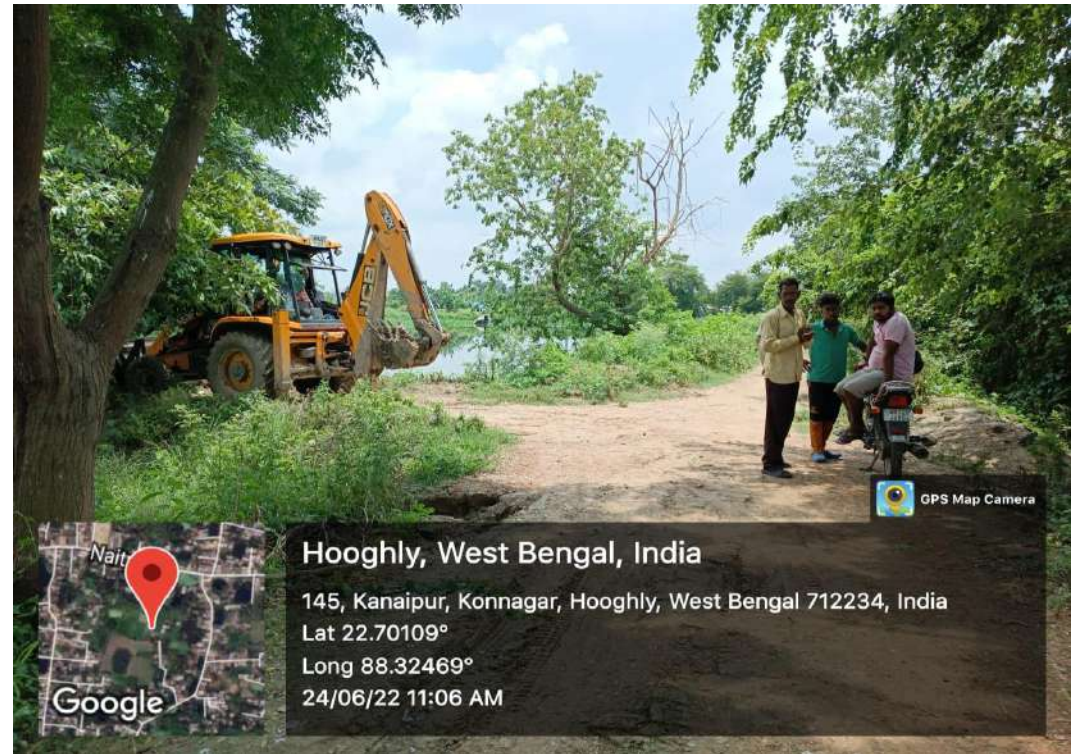


Titagarh



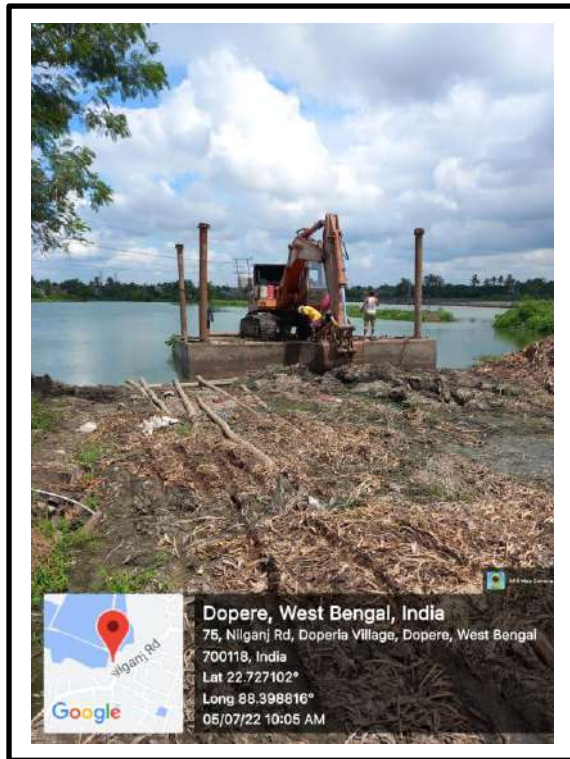
Naihati WSP

SITE VISIT PHOTOGRAPH OF STPs UNDER NON-OPERATIONAL/ PARTIALLY OPERATIONAL IN JUNE 2022



UTTARPARA-KONNAGAR

SITE VISIT PHOTOGRAPH OF STPs UNDER NON-OPERATIONAL/ PARTIALLY OPERATIONAL IN JUNE 2022



BANDIPUR WSP

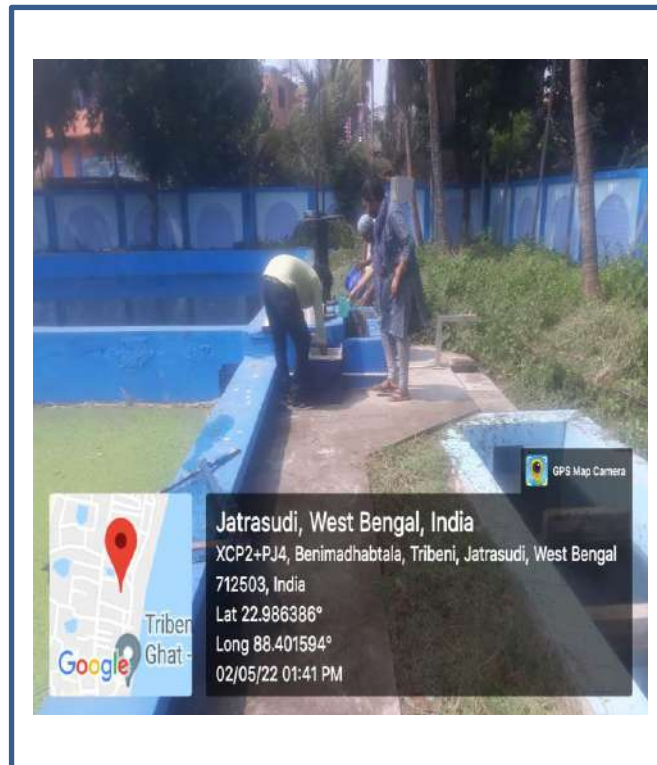


PANIHATI

SITE VISIT PHOTOGRAPH OF STPs UNDER NON-OPERATIONAL/ PARTIALLY OPERATIONAL IN JUNE 2022



CHANDANNAGAR,



BANSBERIA

2. STPs under different stages of execution.

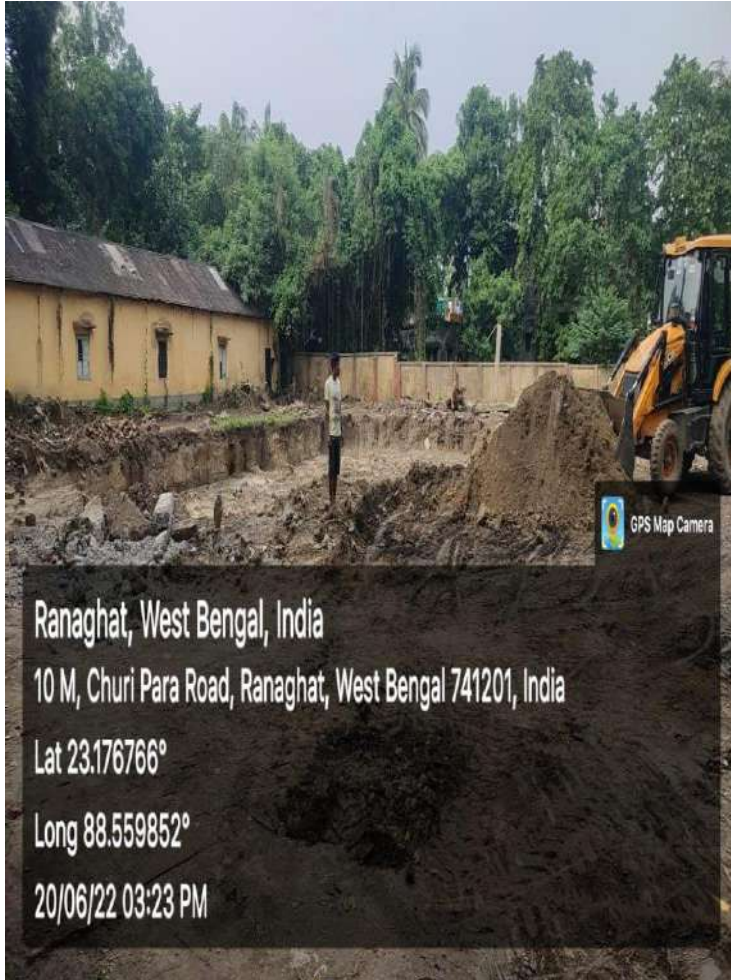
Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
1	Nabadwip	Nabadwip	9.50 MLD	May,2021	Trial Run started from 11/03/2022	Trial Run started from 11/03/2022
2	Kanchrapara	Kanchrapara	18.00 MLD	December,2021	<p>Overall physical progress achieved as on 30.06.2022 is 85 %</p> <p>1] Renovation of existing sluice gate 3 nos - completed 2] Renovation of existing MPS - 85% 3] Construction of inlet chamber with Bar screen and gate-100% 4] Laying of Pipeline -Completed 5] Construction of 18 MLD capacity of STP - 82% 6)Renovation and installation of existong structural bridge completed</p> <p>LOA issued on 20th August,2019</p>	Overall Physical Progress increases as compared with previous month: 11%
3	Jangipur	Jangipur	8.00 MLD	Feb,2023	<p>Physical Progress upto 31.06.2022: 24.61% Construction of STP Physical progress-37%.</p> <p>i) SBR Basin: Pile Cap raft completed. ii) Inlet Chamber: Pile Cap completed. iii)MCC- Blower Room: Ground floor Slab completed. iv) Centrifuge House of STP: Completed except Mumty room. v) Chlorination Building : Up to tie beam level - completed. Up to grade slab level also completed.Upto ground Floor slab is completed. Finishing work is under progress. vi) CCT room: Not started. vii) MPS- 1no. The design and vetting 1 No. of MPS is completed. Layout done and construction is under progress.</p> <p>Network: Laying permission has been issued from the end of Jangipur Municipality.Laying of sewer line about 1104 m completed till date . Manhole: 21% LS at Burning Ghat: NOC from IWAI is still awaited.</p>	Overall progress increases 3.84%

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
4	Raghunathganj	Jangipur	5.00 MLD	Feb-23	<p>Physical Progress upto 31.06.2022 : 23.5% Construction of STP Physical progress-36%. i) SBR Basin: Pile Cap is under construction. ii) Inlet Chamber: Pile Cap completed. Column above pile cap is under progress. iii)MCC- Blower Room: construction upto Tie beam lvl. completed. Construction upto grade slab level completed. Column above grade slab completed. Ground floor slab completed. iv) Centrifuge House of STP: Construction completed. Finishing is under progress. v) Chlorination Building : Construction up to tie beam completed.Construction up to grade slab level is completed. Column above grade slab level completed. Roof Slab completed. vi) CCT room: construction of Raft foundation completed. construction of wall completed. vii) MPS- 1no. The design and vetting 1 No. of MPS is completed.Layout done. Construction is under process. Network: NOC for laying pipeline has been issued. 264m pipeline laying completed. 1) UGLS at Global More: NOC issued on 01.02.2022. Construction has not been started due to non finalization of revised BOQ. 2) UGLS at SHibaji Sangha: NOC issued on 01.02.2022. Construction has not been started due to non finalization of revised BOQ. 3) UGLS at Balighata: land has not been finalized.</p>	Overall progress increases 6%

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
5	Berhampore	Berhampore	3.50 MLD	Feb-23	<p>Physical Progress upto 31.06.2022 : 12%</p> <p>Construction of STP Physical progress- 19%</p> <p>i) SBR Basin: Raft completed. Wall casting 5th lift completed.</p> <p>ii) MPS- 7 lift of wall casting completed.</p> <p>LS at Kapiler Math: NOC issued and handed over to agency.</p> <p>LS near DM Bungalow: NOC is yet to be issued from Berhampore Municipality.</p> <p>UGLS at Battala: NOC issued. But the construction work has not been started due to non finalization of revised BOQ</p> <p>Network: The NOC for laying pipeline on Kaji Najrul Sarani has been issued from PWD on 17.05.2022 and Berhampore Municipality on 06.05.2022.</p> <p>Laying of HDPE(DWC) pipe of 694 m length done till date. Manhole: 8% .</p>	Overall physical progress increase 0. %
6	Ranaghat	Ranaghat	11.6	Nov-23	<p>Sreenathpur Ranaghat :</p> <p>Overall physical progress achieved as on 30.06.2022 is 9.00%.</p> <p>Work order issued on 03/11/2021 and the design and drawing for setting up the 4.00 MLD STP is under process. Already 72 nos of piles has been completed out of 92 nos of piles of SBR basin. Construction of MPS is in progress</p> <p>Chaitanya Ghat</p> <p>Overall physical progress achieved as on 30.06.2022 is 5.00%.</p> <p>Work order issued on 03/11/2021 and the vetted design and drawing for setting up the SBR basin 2.60 MLD STP submitted and the construction of SBR basin is under progress.</p> <p>Silver Jubilee Road:</p> <p>The construction of the proposed 5.20 MLD STP can be done only after the process of purchase of land is completed..</p>	Incremental physical progress 2%

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
7	Bally (Kona)	Jagacha Gram Panchayet	62.00	Sept 2023	Overall progress : 75% (Civil work only) STP :80.16% Network: Manhole Rising 100% LS MPS Repair 80% Desilting 100% Pipe Laying 0%	Overall incremental increase is 6%
8	Arupara	Howrah	65.00	Sept.-2023	Overall progress ; 67.25% (Civil work only) STP: 71.5% Network: Manhole Rising 78% LS MPS Repair 86% Desilting 59% Pipe Laying 29%	Overall incremental increase is 7%
9	Mathkal	Baranagar	60.00	Sept.-2023	Overall progress : 64.87% (Civil work only) STP : 73.5 Network: Manhole Rising 46% LS MPS Repair 100% Desilting 79% Pipe Laying 0%	Overall incremental increase is 11%
10	Hooghly Chinsurah	Hooghly Chinsurah	26.5	09.07.2023	Overall physical progress(Civil work)as on 30.06.2022 -10%	Overall incremental increase is 8%

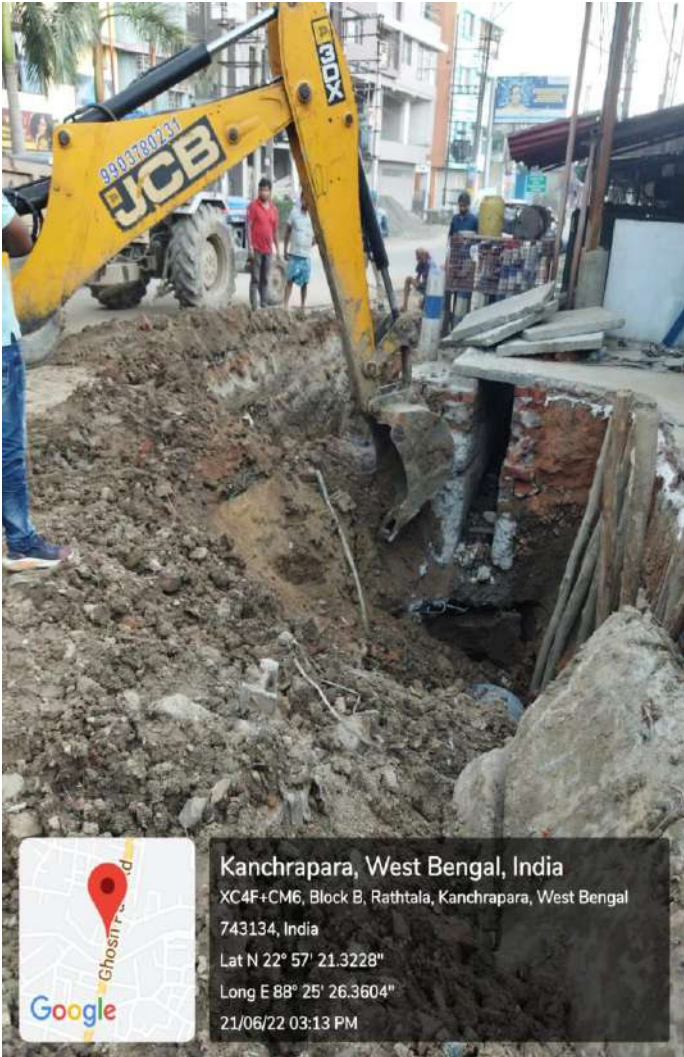
SITE INSPECTION OF DIFFERENT PROJECT UNDER EXECUTION IN JUNE 2022



RANAGHAT



RANAGHAT

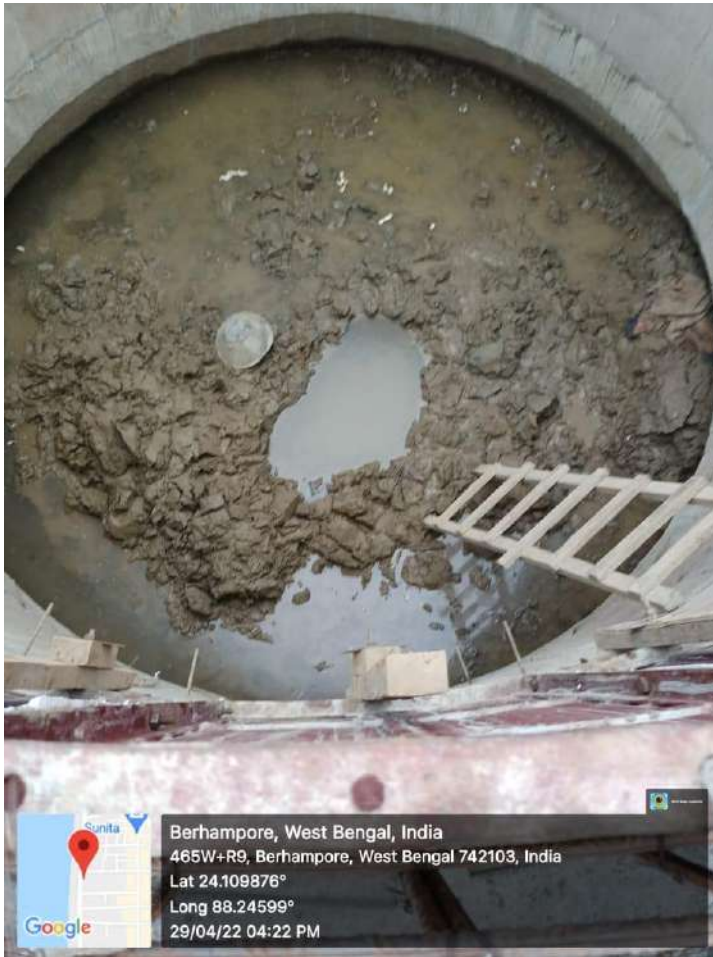


KANCHRAPARA

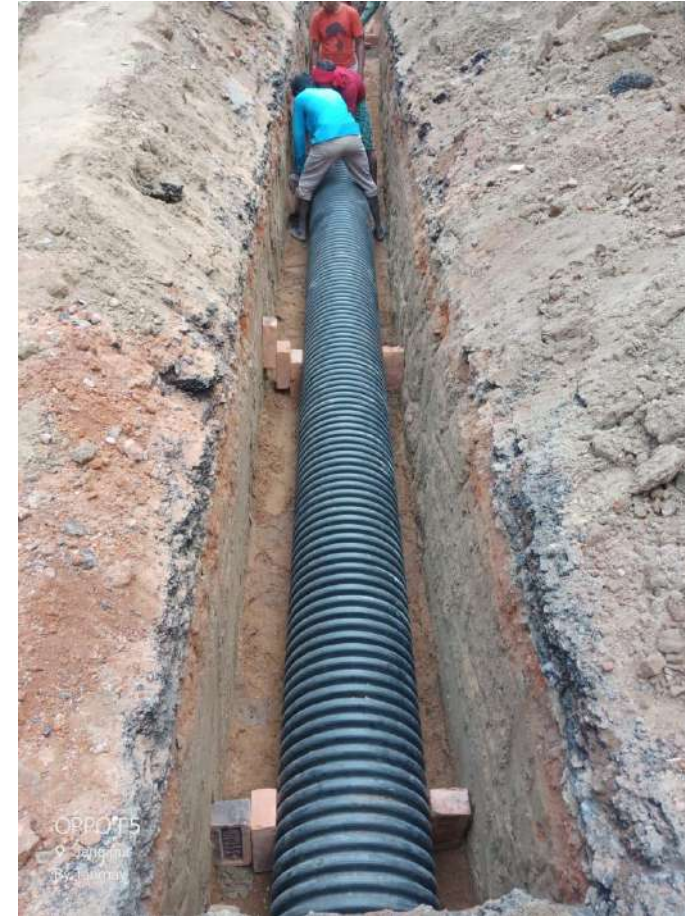


KANCHRAPARA

SITE INSPECTION OF DIFFERENT PROJECT UNDER EXECUTION IN JUNE 2022



BERHAMPORE-JANGIPUR STP SITE



BERHAMPORE-JANGIPUR STP SITE



RAGHUNATHGANJ STP



RAGHUNATHGANJ STP

SITE INSPECTION OF DIFFERENT PROJECT UNDER EXECUTION IN JUNE 2022



ARUPARA SITE



BARANAGAR SITE



BALLY STP



HOOGLY CHINSURAH

3. Status of Polluted Drains discharging to river Ganga.

Sl no.	Name of drain	City/Town of confluence point	Flow of drain(MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
1.	Jangipur Drain	Jangipur	0.2 MLD	Presently in-situ treatment work is ongoing and in future it will be tapped under the ongoing Baharampore - Jangipur Interception & Diversion Project. Bar screen has already been installed.	YES	Chemical dosing, desilting work etc. has been taken up periodically	Dosing and Desilting work is in progress
2.	Halisahar Drain	Halisahar	97.2 MLD	To be intercepted in the Halisahar STP (16.00 MLD capacity) which is under execution.	NO	Installation of Lock gate completed and partial flow diverted to newly constructed 16.0 mld STP.	Installation of gate completed.
3.	Garifa Drain-South / Ramaghat Open pucca drain	Garifa	113.3 MLD	Considered to be connected with the STP 1 (6.50 MLD capacity) at Naihati in rejuvenation works under North 24 Parganas district.	NO	Civil construction for Lock gate completed.	Lock Gate Installed
4.	Garifa Drain-North	Garifa	6.5 MLD	Considered to be connected with the STP 1 (6.50 MLD capacity) at Naihati in rejuvenation works under North 24 Parganas district.	NO	Civil construction for Lock gate is completed.	Lock Gate Installed..

Sl no.	Name of drain	City/Town of confluence point	Flow of drain(MLD)	Any STP operation/planned in the catchment area or likely diversion/interceptionof the drain of STP	Any alternative Pollution Abetment measures taken	Present Status	Incremental progress over the last visit
5.	Thanar Khal	Naihati	16.2 MLD	Considered to be connected with the STP 2 (11.56 MLD capacity) at Naihatiin rejuvenation works under North 24 Parganas district.	NO	Civil construction for Lock gate is completed.	Lock Gate Installed completed.
6.	Imambara Khal	Hooghly-Chinsurah	13.0 MLD	Consider in Hooghly - Chinsurah Revised DPR	No	Technical Evaluation is in process.	NIL
7.	Chinsurah-Majir Rasta Drain	Hooghly-Chinsurah	88.1 MLD	Consider in Hooghly - Chinsurah Revised DPR	No	Technical Evaluation is in process.	NIL
8.	ChandniGhat Drain	Hooghly-Chinsurah	1.7 MLD	Consider in Hooghly - Chinsurah Revised DPR	No	Technical Evaluation is in process.	NIL
9.	DebitalaPancha Khal	Garulia	64.9 MLD	Considered to be connected with the STP (7.90 MLD capacity) at Garulia in rejuvenation works under North 24 Parganas district.	No	Installation of Lock gate completed and is diverted to STPwhich is under trial run after rejuvenation.	NIL
10.	Serampore/Bhagirathi Drain	Serampore	14.60	Planned to be diverted to the existing Serampore STP which will be renovated after the finalization of Tender	No	NA	Nil

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
11.	Chatra Khal	Serampore	70.00	Planned to be diverted to the existing Serampore STP which will be renovated after the finalization of Tender	No	NA	NA
12.	Barrackpore Khal (S. P. Banglow)	North Barrackpore	43.2 MLD	Considered to be connected with the STP 1 (6.50 MLD capacity) at North Barrackpore. DPR submitted to NMCG on 22.07.2020 for approval.	No	DPR stage	NIL
13.	Gandhi Ghat Drain	Barrackpore	4.8 MLD	To be intercepted in the Barrackpore STP (6.00 MLD capacity) which is under execution.	NO	Installation of Lock gate completed and partial flow diverted to newly constructed 6.0 mld STP.	NIL
14.	Dhobi Ghat Drain	North Barrackpore	1.2 MLD	Considered to be connected with the STP 1 (6.50 MLD capacity) at North Barrackpore. DPR submitted to NMCG on 22.07.2020 for approval.	No	DPR stage	NIL
15.	Titagarh Drain (Bishalaxmi Ghat)	Titagarh	21.7 MLD	Considered to be connected with the STP (14.10 MLD capacity) at Khardah-Bandipur in rejuvenation works under North 24 Parganas district.	NO	Installation of Lock gate completed and partial flow will be diverted to STP after Rejuvenation.	NIL

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/interceptionof the drain of STP	Any alter native Pollution Abet ment meas ures taken	Pres ent Stat us	Incremental progress over the last visit
16.	Hasting Ghat Drain	Rishra	29.0 MLD	Considered to be connected with the existing LS at Rishra Hooghly district.	Considered to be connect at LS at rishra	Tender invitedfor preparation of DPR	Financial evaluation in progress
17.	DewangaziGhat Drain	Bally	7.6 MLD	Considered in Kona STP (62.00 MLD) at Bally which shall be executed by Ganga STP Project Pvt. Ltd. under HAM.	Not yet	STP Under executio n	NIL
18.	JagatnathGhat Drain-1	Belur	17.3 MLD	Considered in Kona STP (62.00 MLD) at Bally which shall be executed by Ganga STP Project Pvt. Ltd. under HAM.	No	STP Under executio n	NIL
19.	Kamarhati Drain @ Jute Mill	Baranagar	25.9 MLD	Considered in Kamarhati-Baranagar STP (60.00 MLD) at Baranagar which shall be executed by Ganga STP Project Pvt. Ltd. under HAM	No	STP Under executio n	NIL
20.	Kamarhati Drain @ PB Ghat	Panihati	2.9 MLD	Considered to be connected with the STP (12.00 MLD capacity) at Panihati in rejuvenation works under North 24 Parganas district.	No	Buffel wall constructinside the drain and diversion line from the PBghat to nearest manhole has been completed.	NIL

Sl no.	Name of drain	City/Town of confluence point	Flow of drain(MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
21.	Kuthighat Drain/ Baranagar Khal	Baranagar	2.1 MLD	Considered in Kamarhati-Baranagar STP (60.00 MLD) at Baranagar which shall be executed by Ganga STP Project Pvt. Ltd. under HAM.	No	NIL	NIL
22.	ChitpurGhat Khal/ Circular Canal	Chitpur	458.6 MLD	KMC area connected with BangurSTP & EKW. (KMC)	No	Under KMC	Under KMC
23.	Cossipore / Kashipur drain	Cossipore	9.5 MLD	Connected to Bangur STP. (KMC)	NO	Under KMC	Under KMC
24.	TelkalGhat Drain	Howrah	13.7 MLD	Considered in Arupara STP (65.00 MLD) at Howrah which shall be executed by Ganga STP Project Pvt. Ltd. under HAM	NO	STP Under execution	Nil
25.	RamkrishnaGhat Drain	Howrah	0.2 MLD	Considered in Arupara STP (65.00 MLD) at Howrah which shall be executed by Ganga STP Project Pvt. Ltd. under HAM	NO	STP Under execution	Nil
26.	101,Foreshore Road Drain	Howrah	8.2 MLD	Considered in Arupara STP (65.00 MLD) at Howrah which shall be executed by Ganga STP Project Pvt. Ltd. under HAM	NO	STP Under execution	Nil
27.	TollyNala	Dahighat,	844.5 MLD	3 new STPs are proposed (KMC)	Under KMC	Tolly'sNullah is guarded with 8	Under KMC

Sl no.	Name of drain	City/Town of confluence point	Flow of drain(MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
		Hastings, Kolkata				floating garbage arrester nets at different locations to arrest the floating materials for the ease of removing the same from reaching to the River.	
28.	Nimtala Burning Ghat Drain	Nimtala Ghat, Kolkata	24.9 MLD	This is combined sewer overflow line. There is a penstock gate arrangement to discharge diluted sewage in river. DWF is taken to EKW through a system of sewer network, pumping stations and canals. (KMC).	NO	Under KMC	NIL
29.	Dhankheti/ PB Ghat Khal	Metiabruz, Kolkata	80.9 MLD	Draft DPR for I&D submitted to NMCG for approval on 30.03.2019. 3 New STPs are proposed.	Under KMC	Dhankheti Khal is guarded with 3bar screens at different locations to arrest the floating materials for the ease of removing the same from reaching to the	Under KMC

Sl no.	Name of drain	City/Town of confluence point	Flow of drain(MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
						River.	
30.	Shibpur Burning Ghat Drain	Shibpur-Howrah	5.4 MLD	Considered in Arupara STP (65.00 MLD) at Howrah which shall be executed by Ganga STP Project Pvt. Ltd. under HAM.	No	STP under execution	Nil
31.	Bagherkhal	Kanchrapara	134.50	To be diverted to the ongoing Kanchrapara STP	No	I&D work is under Progress	Nil
32.	130 Foreshore Road Drain	Howrah	15.6 MLD	Considered in Arupara STP (65.00 MLD) at Howrah which shall be executed by Ganga STP Project Pvt. Ltd. under HAM	No	STP under execution	Nil
33.	Alliance Mill Drain	Bhatpara	5.20 MLD	Diverted to 31 MLD STP at Jaggadal	No	Already intercepted and diverted to Ex-LS-04 and finally delivered to 31 MLD STP at Jaggadal	NA
34.	Rosbara Khal	Bandel	168.ra3 MLD	Proposed to be connected with the STP (26.50 MLD capacity) at Hooghly - Chinsurah Municipality. DPR approved by NMCG on 28.08.2020.	No	Tendering stage	Nil
35.	Old Muni Khali Khal	Mahestala	6.9 MLD	Considered in Maheshtala I&D network project	No	Land hand over is in process.	

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

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

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/interceptionof the drain of STP	Any alternative Pollution Abetment measures taken	Present Status	Incremental progress over the last visit
44.	Saraswati Khal	Howrah	20.6 MLD	NO	Tender invited forPreparation of DPR for Howrah added zone in I&D with STP.	NIL	NIL
45.	DhopaGhat Drain	Bansberia	0.1 MLD	NO	NO	Interception of the drain is not possible	NIL
46.	Chandannagar Drain	Chandannagar	0.4 MLD	Taken up into the STP at Chandannagar by I&D work	NO	Work started soon	NIL
47.	Nazerganj Khal	Sankrail, Howrah	1075.2 MLD	No	Preparation of DPR for Howrah added zone in I&D with STP	Tender invited for preparation of DPR	Financial evaluation in progress
48.	ITC Triveni Drain	Hooghly	0.5 MLD	No	No	M/S ITC Tribeni Tissue factory has been directed to install STP for their housing	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/interceptionof the drain of STP	Any alternative Pollution Abetment measures taken	Present Status	Incremental progress over the last visit
						quarters. Monitoring of the same to be done on regular basis.	
49.	Akhra Food Ghat drain (New Muni Khali Khal)	Mahestala	362.9 MLD	No	No	Approval awaiting from DTC,UD&MA	Financial evaluation in progress
50.	DVC Canal	Champdani	353.6 MLD	No	No		
51.	Bazarpara-Garighat Drain / Sharenga drain	Sarenga-Sankrail, Howrah	185.9 MLD	No	No	For Sarenga Khal, where 9 no. of effluent generating units are discharging effluents, WBPCB has	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/interceptionof the drain of STP	Any alternative Pollution Abetment measures taken	Present Status	Incremental progress over the last visit
						already taken regulatory action.	
52.	Baidyabati Drain	Baidyabati	576.0 MLD	No	Drain with humungu s capacity and flow will be treated as separate canal/River	Tender invited for preparation of DPR	Financial evaluation in progress
53.	Bally Khal	Bally	4860.0 MLD	NO	Drain with humongous capacity and flow will be treated as separate canal/River	Second call for Tender has been invited for preparation of DPR	Financial evaluation in progress
54.	Singhi More Khal	Sankrail, Howrah	1.1 MLD	NO	Tender invited forPreparation of DPR for	Tender invited for preparation of DPR	Financial evaluation in progress

SI no.	Name of drain	City/Town of confluence point	Flow of drain(MLD)	Any STP operation/planned in the catchment area or likely diversion/interceptionof the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
					Howrah added zone in I&D with STP		
55.	BTPS Out fall Drain-I	Hooghly	5.9 MLD	No	No	WBPCB taken regulatory action.	NIL
56.	Bagher Khal	Kanchrapara	134.50 MLD	To be diverted to the ongoing Kanchrapara STP	No	I&D work is under Progress	Nil

SITE VISIT PHOTOS OF OUTFALLS IN APRIL 2022



GARIFA SOUTH (RAM GHAT)



HALISAHAR DRAIN LOCKGATE

4. DetailsofAlternateTreatmentTechnologybeingadoptedinthePollutedRiverStretches.

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

Date:11.04.2022

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)

Date: 07.07.2022

ORDER(Draft)

For smooth and efficient execution of the Projects taken under Namami Gange 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)

Date: 07.07.2022

Copy forwarded for kind information's and necessary action to:

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

**West Bengal State NGRBA Program Management Group (WBSPMG)
Urban Development & Municipal Affairs Department,
Government of West Bengal**

MINUTES OF THE 1st MEETING OF THE TASK FORCE FOR MONITORING THE ABATEMENT OF POLLUTION OF RIVER GANGA THROUGH THE DRAINS HELD ON 06-04-2022 IN THE CONFERENCE HALL OF UNNAYAN BHAWAN, 2ND FLOOR, KOLKATA-700 091.


The meeting was chaired by CEO, KMDA & PD, WBSPMG. List of the attendee of the meeting is annexed herewith. Chairperson at the outset welcomed the honorable members of the Task Force present both physically and virtually in the meeting. A threadbare discussion was held and the excerpts of the meeting is noted below :-

1. According to the study at different times by the School of Water Resources, Jadavpur University in the past engaged by CPCB, 56 major drains are observed carrying discharge of 1 MLD and above and falling in the river Ganga. Appropriate actions are being taken/ to be taken by the concerned State Agencies like KMDA, KMC and MED and monthly cumulative progress should be recorded and compiled through WBSPMG. [Action point : KMDA, KMC, MED]
2. The stretch of river Ganga from Tribeni to Diamond Harbour is noticeably a tidal zone where the tributary-drains may not be put to in-situ treatment. In case of Jangipur drain, special measures for in-situ treatment have been adopted by KMDA to curb its pollution. **BOD and Faecal Coliform count become the guiding factors in utilizing Ganga water for bathing purpose. Hence, the effluent quality criteria of these drains are to be taken into account in addition to the quantitative assessment.** Also the time for collection of samples for testing is very important and it should preferably be the low tide duration in dry season. [Action point : WBPCB, CPCB]
3. Apart from the aforesaid 56 major drains which were identified earlier, 45 more drains observed through satellite survey, may also be monitored. There are about 300 minor drains also discharging in river Ganga. Hence **all the 43 ULBs should prepare their road map for pollution abatement (through drains) by preparing a comprehensive city liquid waste Management plan,** which would essentially involve the study of all drains (primary/secondary/tertiary)- flowing through the town and evolving doable action plan for the remediation. [Action point : ULBs, WBSPMG]

**West Bengal State NGRBA Program Management Group (WBSPMG)
Urban Development & Municipal Affairs Department,
Government of West Bengal**

4. CPCB showed a highly informative PPT upon thorough study & assessment of the quality of Ganga waters in terms of DO, BOD, FC etc., and suggested to go for a **Pilot Study to review and observe the pollution level over the stretch of river Ganga from Tribeni to Maheshtala wherein about 54-55 drains exist.** [Action point : **WBSPMG**]
5. Action points :-
- A) CEO, KMDA will put up a proposal for undertaking the Pilot study (para-4) to done by engaging Jadavpur University because this institution did such study in the past and is conversant with the subject. KMDA will be the nodal agency in the study [Action : **CEO, KMDA**]
- B) The crematorium/burning ghat wastes and effluent management plan to be framed which would provide guidelines and action plans for managing the waste generated at these places. The study may be conducted through Civil Engineering Dept. of IEST, Shibpur [Action : **Director, SUDA**]
- C) CPCB has been pleased to share the Action Plan adopted in case of rivers Varuna and Aashi in U.P on the basis of a comprehensive study-report of pollution. The Task Force may look into it. [Action : **Chief Technical Advisor, WBPCB**]
- D) MED is requested to go for construction of FSTP in each ULB, not having STP facilities. By running the FSTP successfully, it is possible to curb the pollution of drain and the river Ganga in turn. [Action : **Secretary, MED**]
- E) Study of the existing operational STPs is very important to assess the present treatment capacity against designed capacity so that Faecal Sludge and Septage can be added to the underutilized STPs as an effective measure of FSSM. CE (GAP), KMDA shall be the nodal person. [Action : **CE (GAP), KMDA**]
- F) Before entrusting Jadavpur University with the task of Pilot study over the stretch of river Ganga from Tribeni to Maheshtala, KMDA will frame the scope of work for the study in draft form by 12-04-2022 which will be shared to finalize to all the Hon'ble members of the Task Force through WhatsApp for which a WhatsApp group shall be formed shortly. [Action point : **CE (GAP), KMDA**]
6. The 2nd meeting of the Task Force will be held after 1 month.

As there was no other Issue the meeting was ended with a vote of thanks to and from the chair.


(Antara Acharya, IAS)
Program Director, WBSPMG

**West Bengal State NGRBA Program Management Group (WBSPMG)
Urban Development & Municipal Affairs Department,
Government of West Bengal**

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**West Bengal State NGRBA Program Management Group (WBSPMG)
Urban Development & Municipal Affairs Department,
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(Antara Acharya, IAS)
Program Director, WBSPMG

**West Bengal State NGRBA Program Management Group (SPMG)
Urban Development & Municipal Affairs Department,
Government of West Bengal**

**Minutes of the Meeting held on 08/06/2022 in the Conference Room of CEO, KMDA
regarding Tolly's Nullah Project (KMC), Kancharapara Project (KMDA) and B-J-R
(Murshidabad) Project (KMDA)**

The meeting was chaired by Project Director, WB-SPMG and attended by CE- GAP Sector/KMDA, DG-Tolly's Nullah /KMC, Secretary MED, SPMG engineers and other engineers concerned on behalf of KMDA, KMC and MED.

- **Tolly's Nullah Pollution Abatement Project:** SPMG will send a Reply to NMCG regarding the ATR on the views/comments of PMC, NMCG by 17/06/2022 after having KMC's feedback on each Zone of Tolly's Nullah Basin – in cases of Zone-1 & 6 there is no major complexity, while in cases of Zone -2,3,4 & 5 the conceptual design layout shall be grossly revised and altered due to non-availability of site for the proposed 15.3 MLD-capacity STP at Police Telecom Park and severe space-constraint to lay the combined DI delivery line of LS-6 & 7 for feeding Golf Garden STP. Search for suitable alternative land is going on and it will be finalised soon.
- **Kancharapara STP with I&D Project:** Delay Analysis Report from October'21 to April'22. Delay Analysis Reportw.e.f 1st October, 2021 to 31st March, 2022 along with Monthly Progress Report for May, 2022 is to be placed by 10/06/2022. Realistic work plan/program is to be submitted by the agency keeping in mind the date of commencement of Trial Operation of Kancharapara STP as 30/06/2022. The documents regarding OCEMS in connection with this STP is to be made available to SE (E/M), KMDA by 10/06/2022. *Escalation Cost shall not be entertained in any case for this Project.*
- **Murshidabad Projects (STP with I&D):** (a) Janjipur – the land details for the site of Burning Ghat LS are to be had from the Land Department, KMDA so that NOC to set up the LS may be provided to the Contractor. Laying of carrier sewer pipes are in more or less sound progress.
(b) Baharampur – the land identified for one LS will be obtained from the Municipality (it has been purchased by the ULB itself) but this land is not readily available because the same is yet to be recorded in the name of the ULB. The most suitable land to construct the other LS is adjacent to the DM's bungalow and e-Proposal for possession of the same is to be initiated by the Executive Engineer, KMDA concerned. Joint inspection will be held at the site on 14th and 15th June, 2022 with Officials from KMDA & WBSPMG.
- Status of DPR preparation against the polluting drains (discharging in River Ganga) in 11 Ganga towns:
 1. Chakda – To be submitted before KMDA on 10/06/2022.

**West Bengal State NGRBA Program Management Group (SPMG)
Urban Development & Municipal Affairs Department,
Government of West Bengal**

2. Shantipur – Procurement of land for MPS is pending since March, 2022 and may be finalized thereafter.
 3. Jiagunge-Azingunj--Re-orientation according to primary assessment of the prevailing situation will be done by 10/06/2022 and a new Project may not be required right at present. FSTP may be an option as well.
 4. Katwa-- To be submitted before KMDA on 10/06/2022.
 5. Krishnanagar – To be submitted before KMDA on 10/06/2022.
 6. Diamond Harbour – The existing STP under possession of PHED may be considered for refurbishment & augmentation. Proposal would be sent by the Department of UD&MA to PHED after due consultation with the Principal Secretary, UD&MA Department.
 7. Uluberia – Municipality land is available to set up one FSTP ideally and one small STP too at Bauria.
 8. Dhuliyān – To be finalised by 31st July, 2022
 9. Haldia – To be finalised by 31st July, 2022
 10. Pujali – To be finalized by 30th June, 2022
 11. Murshidabad – To be finalized by 30th June, 2022
- Conceptual Design for the conduit network in case of Sreerampore & Champdani municipalities is likely to be finalized and placed before KMDA by 20/06/2022. Jt. Inspection of WB-SPMG with KMDA will be done subsequent to that.
 - The next Review Meeting on Tolly's Nullah , Kancharapara, B-J-R (Murshidabad) Projects and upcoming DPRs of 11s Ganga-towns, etc. will be held on 07/07/2022.

Execution of the above Ganga Pollution Abatement Projects in 11 Ganga-towns will be done through MED. GAP Sector, KMDA will chair the responsibility for preparation of the DPRs and calling for tenders on MED's behalf. MED is expected to be conversant about the DPRs before submitting to the competent authority for sanction. As there was no other Issue for discussion, the meeting was ended with thanks from and to the Chair.


Program Director, WB-SPMG

Minutes of the 14th River Rejuvenation Committee (RRC) meeting relating to Polluted River Stretches Priority - I, II, III, IV and V in connection with the order of NGT O.A. 673/2018

Held on: 16th June, 2022 at 11:00 A.M.

Venue: 3rd Floor, Conference Hall of KMDA

The members attended in the Meeting is enclosed in Annexure -I

Member Secretary, West Bengal Pollution Control Board and Chairman of the RRC initiated discussion to review of the progress as per the Action Plan of the identified river stretches Priority - I,II,III,IV and V in connection with the order of NGT O.A. 673/2017.

Status of P IV and P V Rivers

For Jiaganj-Azimganj STP under MED, 90% civil work is completed and work order has been placed for the electro-mechanical equipments and are expected at site within the next 15 days. The entire work is expected to be completed by 31st August 2022. PD, SPMG suggested to form a monitoring committee exclusively for Baharampore for solid, liquid and legacy waste.

Physical work is completed for the rivers Kaljani, Karola, Kansi, Jalangi, Rupnarayan and Silabati. In Mayurakshi and Dwarakeswar rivers 75% work is completed and the remaining work is expected to be completed in 3 months. Chairman, RRC reiterated that the concerned nodal departments should compile and collate the entire work done to give a wholesome picture to comply with the Primary Water Quality Criteria for Bathing Waters.

[Action: MED, ADDA, SJDA]

River Churni (P III)

Progress of 3 STPs on Churni River has been slow. KMDA has been asked by RRC committee to expedite the work and complete it by December 2022.

[Action: KMDA]

Liquid waste Management on River Ganga (P III).

PD, WBSPMG expressed her concern on the physical progress achieved for "Howrah,Bally,Baranagar"STP project under HAM though the project has been shown to have achieved a total progress of 60% as on date on the milestone basis. The time line for completion of the project is Dec, 22 but KMDA, Executing Agency, is now facing difficulties in laying Sewer line in Bally Town due to constraints in getting free Right of way (ROW). Intervention of the administrative authority (SDO, being the Administrator) is urgently required for the sake of completion of the project in time.

Chairman, RRC desired that he will intervene, if needed, personally to sort out the impasse. But now, SDO is being requested to sort out the issue.

[Action: KMDA]

Hooghly-Chinsurah STP project:

PD, WBSPMG requested CE, GAP to highlight the updated status of the project.

CE, GAP reported that 300 out of 380 piling has been completed for STP site. Construction of Pumping stations, MPS and Laying of sewer network could not be started yet due late resolution of land issues. He assured that from next month onward, all components will be started concurrently and substantial progress would be achieved.

[Action: KMDA]

Improvement of water quality River Ganga:

CTA, WBPCB informed that DO level is above the minimum required level of 5 mg/ltr at all locations. While BOD level is found below permissible limit of 3mg/ltr at all locations of River Ganga except at North Barrackpore, where BOD level exceed marginally. *Fecal coliform* is high in all locations and in Berhampur it is noticeably high. However, CTA expressed hope that once all STPs/FSTPs are completed in Ganga towns, water quality of the river will be improved. Since major concern is for Berhampur, ongoing integrated Solid and liquid waste management for Berhampur town and its vicinity will be able to achieve bathing standard.

It is decided that a dedicated technical team would be deputed by the UD & MA Deptt., GoWB immediately to monitor both solid and liquid waste management in Berhampur and North Barrackpore.

[Action: WBSPMG, SUDA]

Jiagunj and Azimganj STP project.

It is decided that one STP facility is available in Jiagunj town where *septage* of the town can be co-treated till STP and STP project in augmented capacity for the towns is developed. Chairman, RRC stated that in towns where facility of STP is not available/ getting delayed in commissioning, FSTP facility will be developed for reducing *Fecal Coliform* level of River Ganga.

[Action: KMDA]

Additional drains identified by CPCB in River Ganga:

CTA, PCB requested CE, GAP to appraise the status of additional 14 drains apart from 56 drains previously identified by the CPCB which are discharging in River Ganga.

CE, GAP, KMDA reported that it has already engaged two Institutes like Jadavpur University and the Indian Institute of Engineering, Science and Technology (IIEST) Shibpore to assess the water quality and flow of the seventy (70) drains.

It is decided that KMDA will place a report before the RRC committee immediately for approval.

[Action: KMDA]

I & D with STP for Asansol and Durgapur Towns:

PD, WBSPMG informed that DPR had been sent to NMCG for approval. But NMCG has raised some observation. KMDA is now revising the DPR.

It is decided that ADDA will identify lands (30mx50m) at 2/3 locations within city areas by 30.06.22 enabling KMDA to complete the preparation of revised DPR by 15.07.22. WBSPMG will then be able to take up the matter with NMCG for approval and funding.

It is also decided that Durgapur Municipal Corporation (DMC) will provide list of operational STPs in its domain as well as status of setting up of new STP on River Ajay to WBSPMG immediately to enable them to incorporate the data in MPRs which are being sent regularly to NMCG.

[Action: WBSPMG]

Dwarka River (P IV):

PHED is executing one STP at Tarapith. 90% physical progress has been achieved. It will be put under trial run by June, 22

[Action: PHED]

Bidyadhari River (P I):

Bidyadhari River has been identified under Priority I river in West Bengal. CTA, WBPCB informed that 4 canals SWF/DWF, Kestopur, Bagiola and Noai are discharging into the river Bidyadhari. Sewage from the SWF/DWF Canal is treated naturally at East Kolkata Wetland. PHED has entrusted IIT, Kharagpur for detailed investigation, quantification of pollution, preparation of concept plan to combat pollution of Noai canal which discharges into River Bidyadhari. IIT Kharagpur has suggested that the entire upper stretch above Haroa Bridge to Malancha Burning ghat has to be taken under consideration to improve the water quality of the river Bidyadhari. Preliminary report reveals that STPs need to be constructed for 6 ULBs. KMDA has already taken up STP projects for management of Kestopur and Bagiola. KMDA will also undertake necessary measures (STP/FSTP) in 6 ULBs for management of pollution for Noai canal. Therefore, it is resolved that setting up of one STP of capacity 170 MLD at Ghushighata is not required anymore. Revised plans may be uploaded in the Website accordingly.

[Action: KMDA, PHED]

Tolly's Nullah, Gardenreach and Baghajatin STP Projects:

PD, WBSPMG informed that the action taken report as observed by PAC in connection with the Project related to Pollution Abatement and Rehabilitation of Tolly's Nullah would be finalized by 17.06.22. PD, WBSPMG requested KMC to submit a comprehensive updated action taken report on LWM, SWM and dredging of Tolly's Nullah.

On being pointed out by CTA-WBPCB, in order to ascertain the functionality of existing Baghajatin and Gardenreach STPs it was decided that a joint inspection of representatives from KMC, KMDA, WBPCB, MED & WBSPMG would be conducted on 24.06.22 and the joint inspection Report would be placed before the River Rejuvenation committee (RRC).

Chairman, RRC stressed the need for installation of online effluent monitoring of all STPs through a portal developed by NMCG.

[Action: KMC]

Mahananda River (P II):

On being pointed out by the PD-WBSPMG, Chairman, RRC urged all Executing Agencies to submit the updated report on the works undertaken towards pollution abatement of River Mahananda on regular basis without delay on this vital issue, being under monitoring of the Hon'ble NGT. Clear photographs with GIS tags and videography of the IEC activities conducted on River Mahananda are to be shared with PD-WBSPMG.

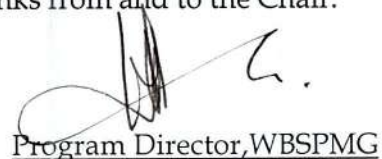
[Action: KMDA, MED, SJDA]

It was decided to hold the RRC meeting regularly once in every month.

In view of no other Issue, the meeting was ended with thanks from and to the Chair.



Chairman, RRC &
Member Secretary, WBPCB



Program Director, WBSPMG

**MINUTES OF THE REVIEW MEETING CHAIRED BY THE HON'BLE CHIEF
SECRETARY, GOVERNMENT OF WEST BENGAL ON 21ST JUNE, 2022 TO
REVIEW THE PROGRESS OF LIQUID WASTE MANAGEMENT, IN THE STATE
OF WEST BENGAL.**

At the outset, Hon'ble Chief Secretary welcomed all the members present in the meeting. The Program Director, WBSPMG presented one PPT on Liquid Waste Management. Agenda-wise discussion held and decisions taken are stated as below:-

1. Status of Operational STPs :

The status of operational STPs was considered in comparison to that of December, 2020 from where it is seen that during the last one and half years the Government of West Bengal has been succeeded in adding another 13 STPs in the list of operational STPs thereby raising the capacity of treatment to 528.35 MLD. Incremental increase of Sewage treatment rose to 163 MLD.

Hon'ble Chief Secretary expressed his satisfaction on the performance and instructed to revise the target date of completion falling on June 2023 of all the on-going STPs to March 2023.

Action: KMDA, KMC, MED

- 2. Berhampore STP Project:** Hon'ble Chief Secretary expressed his dissatisfaction on the slow progress of the work of this Project. He directed to sort out the land issues in the project with the District Magistrate, Murshidabad. DM, Murshidabad participated in the VC link and was instructed to sort out the land issue within 3-4 days.

Action: DM Murshidabad, KMDA

- 3. Sludge Management at the STP:** Hon'ble Chief Secretary has desired that an Integrated Sludge Management Policy to be framed immediately and to develop mechanism by adopting suitable technologies for management of sludge generated at the STPs and their scientific and commercial disposal. He stressed that the ULBs should be involved in the process. A draft policy/proposal for sludge management is to be placed before him in the next review meeting. He also suggested finding out a viable solution of using the sludge as fertilize. And directed to explore the possibility of tagging private organization in the sludge management process.

Action: Department of UD & MA, WBSPMG, KMDA

4. **Under Tendering Stage Projects:** Hon'ble Chief Secretary directed to ensure issuance of Work Order before the next meeting.

Action: KMDA, WBSPMG

5. Chief Secretary Sir has also expressed his desire to have a workshop on Urbanization in West Bengal and implementation of Waste Water Management to keep the environment pollution free. In the workshop the area like Urban Planning, Urban Finance, State Financial matter can be taken up for discussion where Expert may be involved. The ULBs will be invited in the workshop and the Department would request Hon'ble MIC Sir to kindly chair the workshop. The date and time of the workshop will be fixed as per convenience of HMIC and CS Sir.

Action: Department of UD & MA

6. Hon'ble Chief Secretary directed that a small park may be setup along with the Ghats wherever the space is available. It may be integrated with the River Front Development/Ghat Development Programme. We should try to explore to have the CSR fund for this purpose.

Action: Department of UD & MA, WBSPMG

Since there was no other issue tabled for discussion, the meeting ended with thanks to and from the chair.

Members participated: List of participants Annexed.



Chief Secretary
Government of West Bengal

Annexure-E, Photographs of STPs made currently operational

