

NANDINI GHOSH, IAS
Special Commissioner



**DEPARTMENT OF URBAN
DEVELOPMENT & MUNICIPAL
AFFAIRS**
GOVERNMENT OF WEST BENGAL
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Memo No. 18-SC (NG)

Date: 08.02.2022.

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 September 2021 to November 2021 in compliance with the order of Hon'ble NGT under OA – 200/2018.

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 September 2021 to November 2021. 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	I
4.	STP Report	II
5.	List of Polluted Drains	III
6.	Report from SUDA on SWM	IV
7.	Site Inspection Report from KMDA	V
8.	Minutes of Meeting held on 21.09.2021.	A
9.	Minutes of Meeting held on 29.09.2021.	B
10.	Photographs of Mayapur Ghat	C
11.	Photographs of Nabadwip STP	D
12.	Status Report of DPRs of 11 Municipalities	E
13.	Minutes of First FSTP Meeting	F
14.	Minutes of Second FSTP Meeting	G
15.	Minutes of Meeting of State Ganga Committee	H

It may kindly be noted that Annexure- Main Report is an elaborate Report on Monitoring and Review of the ongoing work indicating the all-out efforts taken by the State to curb and arrest Pollution in the River Ganga.
This is for your kind perusal and further actions.

Yours faithfully,

[Signature] 08/02/2022
Nodal Officer to NMCG and CPCB
&
APD WBSPMG

Memo No. 18/1(20)-JS (NG)

Date: 08.02.2022.

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. Member Secretary, WBPCB, Paribesh Bhavan, 10A, LA Block, Sector III, Bidhannagar, Kolkata, West Bengal 700106.
3. The Principal Secretary, Department of UD & MA.
4. Municipal Commissioner, Kolkata Municipal Corporation, 5, S.N. Banerjee Road, Kolkata-7000013.
5. 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.
6. 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.
7. Dr. A.K.Vidyarthi, 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.
8. The Chief Executive Officer, Kolkata Metropolitan Development Authority & The Programme Director, SPMG, Unnayan Bhavan, Sector-II, Salt Lake, Kolkata- 700091.
9. Senior Special Secretary, Department of Environment, Pranisampad Bhavan, 5th Floor, LB-2, Sector-III, Salt Lake, Kolkata-700106.
10. Special Secretary & Chairman, LWM Committee, Department of UD & MA.
11. Director SUDA, HB-305, AB Rd, HC Block, Sector III, Bidhannagar, Kolkata, West Bengal 700106.
12. Additional Project Director, SPMG, Unnayan Bhavan, Sector-II, Salt Lake, Kolkata- 700091.
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, West Bengal 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
APD WBSPMG

Main Report

Quarterly progress (September 2021, October 2021 and November 2021) 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,PHH	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		Demarchation of Flood Plain Zone		A Report has been received from the Environment Department in this regard on 28.06.2021. The Report has been prepared by Department of Geogrpahy, Univeristy of Calcutta. Both the Environment Department and UD & MA Department are going through the Report, post which appropriate actions will be taken.	NA	NA
Protection and management of flood plain zones (FPZ)						
5	Irrigation & Waterways Department	North 24 Parganas - Protection to the severely damaged left bank of river Hooghly in between Chaiotanya Ghat and Kanch Mandir Ghat by providing cement concrete block pitching for a length of 170 mm and boulder sausage protection work for a length of 50 m within Ward no. 30 & 31 of Baranagar municipality in P.S. Baranagar, District North 24 Parganas.	31.03.2021	10% physical progress achieved. Work just resumed after monsoon.	Feb-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 to Ramlochan Babu Ghat by providing cement concrete block pitching for a length of 215 m and reconstruction of 50 m guard wall in front of Bhakunja Ashram undre Ward no. 4 of Baranagar municipality in P.S. Baranagar, District North 24 Parganas.	31.03.2021	33% physical progress achieved. Work just resumed after monsoon.	Feb-22	All out effort has been laid to complete in revised target.
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	Work just stated. Since there is a delay in getting the concurrence of the Finance Department, then delay in tender process due to election embargo and further delay to start the work at field due to monsoon. The completion date has been revised.	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	85% physical progress achieved. No considerable progress achieved during Sept-Nov 21 due to monsoon as well as present site condition.	NA	NA
10		South 24 Parganas - Protection of Hooghly left embankment with Brick Block Pitching for a length of 250 M at Kanchantala Shasan Ghat kali Mandir within Ward No 140 of KMC in P.S - Nadial, Dist- South 24 Parganas	31.03.2022	Work just stated. Since there is a delay in getting the concurrence of the Finance Department, then delay in tender process due to election embargo and further delay to start the work at field due to monsoon. The completion date has been revised.	Jun-22	All out effort has been laid to complete in revised target.

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[1]	[2]	[3]	[4]				[5]	[6]	[7]
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(SWD)	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 18 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	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.						
		Activities	District	Work done so far	Targets to be achieved within March' 22				
		Restoration of water bodies.	South 24 Parganas	101	39				
		Vetiver Plantation		3 KM	3 KM				
		Rooftop Rain water harvesting		4	4				
		Bio-diversity Park		4	4				
		Restoration of water bodies		835	2195				

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[1]	[2]	[3]	[4]		[5]	[6]	[7]
19	P&RD	Vetiver Plantation (in Km)	Murshidabad	5.32	22.25		
		Rooftop Rain water harvesting (in Nos.)		0	0		
		Bio-diversity Park (in Nos.)		0	0		
		Restoration of water bodies.	Hooghly	44	10		
		Vetiver Plantation (in KM)		22	5		
		Rooftop Rain water harvesting		8	1		
		Bio-diversity Park		11	2		
		Restoration of water bodies.	Malda	28	43		
		Vetiver Plantation		0	0		
		Rooftop Rain water harvesting		0	0		
		Bio-diversity Park	Howrah	0	1		
		Restoration of water bodies.		320	429		
		Vetiver Plantation (in KM)		4	4.25		
		Other Plantation (inKM)		18.1	0		
		Bio-diversity Park	Purba Bardhaman	0	0		
		Restoration of water bodies.		23	27		
		Vetiver Plantation (in KM)		15.57	22.9		
		Other Plantation (inKM)		5.4	4.1		
		Bio-diversity Park	Nadia	1	3		
		Restoration of water bodies.		188	50		
Vetiver Plantation (in KM)	20.5	15					
Rooftop Rain water harvesting	0	1					
Bio-diversity Park		1	1				
20		Liquid Waste Management					
21	State Water Investigation Department (SWID)	Restoration of water bodies	Restoration of water bodies for rainwater harvesting		Target achieved		water bodies have been excavated/ re-excavate
			District	Status			
		South 24 Parganas	Around 300 KM of old sited creeks have been re-excavated for rainwater harvesting in blocks (where groundwater is salinity infested) adjacent to lower reach of River Ganga				

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

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[1]	[2]	[3]	[4]		[5]	[6]	[7]
25	UDMA	Public awareness and involvement for prevention and control of pollution of Ganga	Intensive IEC activities for all the ULBs situated beside the river Ganga involving all the people to generate public awareness regarding solid waste management rule 2016, sanitary landfill facility, procedure of scientific disposal of solid waste, necessity of sewage treatment, arresting the un-treated sewage to river Ganga, promoting eco-friendly products, banning of all plastic waste within a time frame.		<p>1) Centre for Environment and Education, an expert agency, a Centre of Excellence under Ministry of Environment & Forest, Government of India has been engaged as State Level IEC Agency for Development of communication plan, training plan and training module on waste disposal. Communication plan for awareness generation on solid waste management has been prepared.</p> <p>2) State level logo and slogan competition has been organized on scientific waste disposal in the month of September, 2019 and December, 2020.</p> <p>3) SHG based publicity campaign in all ULBs was organized in September, 2019. Similar campaigns were there in December, 2020 also.</p> <p>4) Eco friendly products and products from waste materials are being promoted as alternative to plastics through fairs.</p> <p>5) Handbook has been prepared on SWM and leaflets have been circulated to all ULBs.</p> <p>6) Booklet on Solid Waste Management "Barjo Babosthaponar Sahaj Path" in Bengali, Hindi ("Kachra Prabandha ka Sahaj Path") and English("SOLID WASTE MANAGEMENT : A PRIMER") versions published and circulated widely.</p> <p>i) Capacity building training of the rag pickers have commenced and to be completed shortly.</p>		
26	UDMA	Regulating activities on an around river Ganga including Ghats and other establishments	Recently NMCG approved Ghat development work in the following municipal towns along the bank of river Ganga. Katwa Kalna Agradwip Dainhat and Garulia Construction of Crematoriums.		The action taken so far and target achieved is in Annexure 'A'. The Ghats of Kalna Katwa and Agradwip have been completed and Dainhat is in progress. All the nine Ghats of Garulia have been duly completed and taken over by Municipality. Recently SPMG has sent DPR for Ghat development of Halishahar and Khardah to NMCG for approval. During the month of April and May, three electric crematoriums have been constructed and duly handed over to Municipality of Garulia, Halishahar and Naihati/ All the three crematoriums are fully operational and running successfully.		
27	UDMA	Plastic Waste Management	UD & MA Dept. GoWB has framed a bye-law with respect to Plastic Waste Management (Notification No: 215(Law) /C-12/NGT/Misc – 11/2020 dated 20/3/2020) Plastic carry bags are totally banned in the ecologically sensitive areas and 40 heritage / tourist sites of West Bengal 77 municipalities have banned the manufacturing, use and sale of plastic carry bags of thickness less than 50 micron and 18 municipalities banned use of single use plastic. Workshops carried out to generate awareness among different plastic waste generator and initiative taken to promote eco-friendly products as an alternative to plastic.				
28	Department of Forest	Afforestation and setting up of biodiversity parks	Activity	Polluted River Stretch/Biodiversity Park	Creation work in progress. Work delayed due to late receipt of fund.	NA	NA
			Plantation on both sides of the river	6 ha advance work completed (100%). Creation work yet to be started. Maintenance work will be taken up during 2022-23.			
29		Biological diversity of Ganga	After a preliminary survey undertaken from Farakka to Diamond Harbour, in which 80 Gangetic Dolphins were sighted, the Forest Department has prepared an Action Plan for Conservation of Ghariyals and Dolphins (2021-31) in West Bengal with a budgetary outlay of Rs. 95 crore.				

Annexure I

Overall status of 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):	21 (285.42 MLD)
	No of STPs under construction	8 (138.75 MLD)
	No of STPs under renovation	16 (295.96 MLD)
	No of STPs under proposal/tendering stage	16 (266.21 MLD)
	Total treatment capacity	986.42 MLD
III	Gap in treatment capacity	414.58 MLD

Note:

To address the Gap of **414.58 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 (Sept 2021, Oct 2021 and Nov 2021) 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	<p>Overall physical progress achieved as on 30.11.2021 is 97.35%. (Operation & Maintenance started for STP)</p> <p>STP-100.00%, Network-99.50% (as per present scope), Pumping Stations-95.90%</p> <p>Details of the work completed-</p> <p>1] Supplying & laying DWC HDPE Pipe (150 mm to 250 mm) - 180.176 KM.</p> <p>2]Supplying & laying RCC (NP-3) and HDPE pipe (300 mm to 1000 mm) - 17.850 KM</p> <p>3]Brick Masonry Rectangular Manhole - 5732 nos.</p> <p>4]Pre-cast RCC Circular Manholes - 4 nos</p> <p>5] House pit-6495</p> <p>6]Construction of Lifting Stations(New) LS-3,LS-4,LS-5,UGLS-4,UGLS-5,UGLS-MPS2 : 100%</p> <p>7] Renovation, up -gradation & commission of existing LS and MPS (LS1,LS2 ,MPS1 (LS2A) and MPS2):100%</p>	Completed	

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]
5		Sewerage System and STP at Budge Budge Municipality	1	<p>Overall physical progress achieved as on 30.11.2021 is 96.30%.</p> <p>STP-100%, Network-99.8%, Pumping Stations-95.00%</p> <p>Details of the work completed-</p> <p>1] TOTAL FOR HDPE PIPELINE - 74.831 KM out of 75.56 KM.</p> <p>2] TOTAL FOR RCC PIPELINE - 1.910 KM. out of 2.187 KM.</p> <p>3] TOTAL FOR JACK PUSHING - 0.908 KM out of 1.074 KM.</p> <p>4] LIFTING STATIONS (Excluding LS-7) - Civil-100% and E&M - 80%. LS-7:- Already Land Handed over and work alireadystarted from 30.11.2020, work in progress.</p> <p>5] HDD- 12.518 KM out of 12.85 KM.</p> <p>N.B.: Due to lockdown for COVID-19 pandemic, work suffered for 3 (three) months, The work is likely to be completed by December, 2021</p>	Completed	

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[1]	[2]	[3]		[5]	[6]	[7]
6		Sewerage System and STP at Barrackpore Municipality	2	<p>Overall physical progress achieved as on 30.11.21 is 95.80%. (O&M of STPs Started)</p> <p>STP-100%, Network - 96%, Pumping Stations-98%</p> <p>Details of the work completed- STP-18</p> <p>MLD - 100%</p> <p>STP-6 MLD- 100%</p> <p>HDP DWC pipe -99%</p> <p>RCC pipe -89%</p> <p>Manhole - 98 %, L.S-8- 100% completed, MPS-2 : 100% completed.</p> <p>HDD method -93 %</p> <p>DI- 63%</p> <p>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.</p> <p>N.B.: Due to lockdown for COVID-19 pandemic (2 ND WAVE) , there may be a delay in project completion</p>	Commissioned	
7		Pollution Abatement Work for River Ganga at Nabadwip under NGP Scheme	1	<p>Overall physical progress achieved as on 30.11.2021 is 95%.</p> <p>Details of the work completed-</p> <p>1] Construction of a new 9.5 MLD capacity STP- 93% ,construction of boundary wall and internal drains are in progress.Power connection pending</p> <p>2] Renovation of existing 10.50 MLD capacity STP-100% Completed and operational.</p> <p>3] Diversion pipe line from I&D structure to manholes (432 m) - 95%</p> <p>4] Existing pipeline cleaning (3000 m) - 100% Complete.</p> <p>5] 600 mm dia pipe laying (3540 m) - Laying of 450 m m dia. of 550m completed</p> <p>6] Drain repairing (20821 m) -Completed</p> <p>7] Renovation of existing MPS 1 no - Completed</p> <p>8] Renovation of existing lifting station 2 no- Completed</p> <p>9] Construction of new MPS -96% completed,power connection pending</p> <p>LOI issued: 07.03.2019</p>	Commissioned	

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[1]	[2]	[3]		[5]	[6]	[7]
8	Cority (KMDA)	Pollution Abatement Works for River Ganga at Howrah under HAM	1	Overall physical progress as on 30.11.2021: • 161 nos pile completed in this month. • Pile cap & tie beam work is under progress.	Proposed time line: September 2023	
9		Pollution Abatement Works for River Ganga at Bally under HAM	1	Overall physical progress as on 30.11.2021 • Construction of site office is under progress. • 186 nos pile completed in this month.		
10		Pollution Abatement Work for River Ganga at Kamarhati & Baranagar under HAM	1	Overall physical progress as on 30.11.2021 135 nos pile completed in this month.		

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	Kolkata Metropolitan Development Authority	Pollution Abatement works for River Ganga at Kancharapara under DBOT	1	<p>Overall physical progress achieved as on 30.11.2021 is 58%.</p> <p>1] Renovation of existing sluice gate 3 nos - work in progress. 2] Renovation of existing MPS - 70% 3] Construction of inlet chamber with Bar screen and gate-100% 4] Laying of Pipeline -2.09 KM length of 600 mm dia pipe out of 2.5 KM executed till date. 5] Construction of 18 MLD capacity of STP - 59% 6] All vetted Civil design and drawing have been submitted and approved by the concerned authority</p> <p>LOA issued on 20th August,2019</p>	Proposed time line: February 2022.	
12		Pollution Abatement Work for River Ganga at Berhampore	1	<p>Physical Progress upto 30.11.2021 : 3.48%</p> <p>The land for setting up the STP has been demarcated on 09.09.2021 from the end of BL&LRO, Sadar, Berhampore. Construction work is under progress. The NOC for land for construction of 1 no. of Lifting Station has been given from Berhampore Municipality and land for 1 no. of Lifting Station not yet handed over to this end.</p> <p>Laying of HDPE(DWC) pipe of 405 m length done till date.</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		I & D network for existing drain falling in river Ganga including sewage treatment plant (STP) at Jangipur	2	<p>Physical Progress upto 30.11.2021 : 12.72% Construction of STP Physical progress-26%. i) SBR Basin: 76 nos. of pile has been driven. ii) Inlet Chamber: 34 nos. of pile has been driven. iii) MCC- Blower Room: construction upto Tie beam lvl. completed. Construction upto grade slab level is under process. iv) Centrifuge House of STP: construction work upto tie lvl completed. Construction up to grade slab level is under process. v) Chlorination Building : Construction up to tie beam completed. Construction up to grade slab level is under process. vi) CCT room: construction of Raft foundation is under process. vii) MPS- 1no. The design and vetting 1 No. of MPS is completed.</p> <p>Network: Also due non availability of suitable land, the proposed lifting Station -1 has been descope . Execution of Pipe line will done after resurvey & proposal for new network alignment from the agency and NOC for plot of land for construction for LS1 was given on 18.09.2021.</p>	Proposed time line: May 2022	
14		Pollution Abatement Works for river Ganga at Hooghly Chinsurah	1	Technical & financial evaluation is completed. Awaiting approval from competent authority for issuance of Letter of Acceptance to the lowest bidder.	Proposed time line: December 2022	
15		Pollution Abatement Works for river Ganga at Maheshtala Municipality	1	Land handover is completed. Site clearance is under process.	Proposed time line: June 2023	

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]
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	<p>Baidyabati Partially functional and presently undergoing renovation to make it fully functional. Overall physical progress as on 30.11.2021 is 78 %</p> <ol style="list-style-type: none"> 1.Repairing & renovation of STP-86% 2.Repairing & renovation of Lifting station (2nos) &MPS (1 nos)-50% 3.Cleaning,Repairing & renovation of network- 100% <p>Bhadreswar Partially functional and presently undergoing renovation to make it fully functional. Overall physical progress as on 30.11.2021 is 70 %</p> <ol style="list-style-type: none"> 1.Repairing & renovation of STP-75% 2.Repairing & renovation of MPS (1nos)&Lifting station (1nos) -35% 3.Cleaning,Repairing & renovation of network- 100% 	Proposed time line: March 2022	
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 as on 30.11.2021 is 34 %</p> <ol style="list-style-type: none"> 1.Repairing & renovation of STP-37% 2.Repairing & renovation of MPS (1nos) and LS (2no.)-36% 3.Cleaning,Repairing & renovation of network- 2% 4. Repairing and renovation of Oxidation ponds along with internal drains within S.T.P premiese is in progress-73% <p>BANSBERIA: Partially functional and presently undergoing renovation to make it fully functional. Overall physical progress as on 30.11.2021 is 73 %</p> <ol style="list-style-type: none"> 1.Repairing & renovation of STP-75% 2.Repairing & renovation of MPS (1nos) -25% 3.Cleaning,Repairing & renovation of network- 80% 	Proposed time line: March 2022	
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.	Renovation proposal is dropped now Augmentation and upgradation proposal is under process	

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]
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	Overall physical progress(Civil work)as on 30.11.2021: 1. Repairing & renovation of STP: 75%, 2.Repairing & renovation of LS (4 nos.):90% 3. MPS (1 no):- 95% , 4. Cleaning, Repairing & renovation of network- 20%, 5. Road restoration work :- 30%	Proposed time line: March 2022	
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	Overall Physical progress upto 30.11.2021 Garulia Overall Physical Progress as on 30.11.2021 is : 88% comprising 1.Repairing & renovation of STP-87% 2.Repairing & renovation of MPS (1 nos) and LS (1 no.)-93% 3. Repairing & Rrenovation of network- 86% 4.Repairing & renovation of Diversion structure-86% Naihati (11.56-ASP) Non-functional and presently undergoing renovation to make it fully functional. Overall Physical Progress as on 30.11.2021 is: 74% 1.Repairing & renovation of STP-96% 2.Repairing & renovation of MPS (1nos) and LS (1 no.)-97% 3.Cleaning,Repairing & renovation of network- 52% 4.Repairing & renovation of Diversion structure-62%. Naihati (6.5-WSP) Overall physical progress as on 30.11.2021 : 87% comprising 1.Repairing & renovation of STP-89% 2.Repairing & renovation of MPS (2nos)-96% 3.Repairing & renovation of network-50% 4.Repairing & renovation of Diversion structure-95% Panihati Overall physical progress as on 30.11.2021 : 67% comprising Repairing & renovation of STP-79% Repairing & renovation of MPS (1nos) and LS (3no.)-80% Repairing & renovation of network- 29%. Diversion Structure at P.B.Ghat -90%	Proposed time line: Naihati, Garulia, Titagarh, Panihati- March 2022. Proposed time line for Bandipur (Khardah):May 2022	

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]
21		Sewerage System and STPs at North Barrackpore	2	DPR has been approved by NMCG		
22	Kolkata Municipal Corporation (KMC)	Near WBSETCL, Joka - 45 MLD	1		The construction is running as per schedule thus no revised timeline has been proposed.	
23		Bank Plot, M.G Road - 40 MLD	1	Work in Progress. The project progress is as per schedule. Completion: March 2022		
24		Rajpur-Sonarpur, Rania - 23 MLD	1	NTP issued on 04/05/2021.Process & hydraulic design completed. Structural design under 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. Technical Bid opened on 10/12/2020.		
26		Near Golf Garden, Sukhapukur - 5.06 MLD	1	The Revised TBER has been submitted to NMCG through SPMG , on 21/06/2021. NMCG reverted back with certain queries from the World Bank on 29/07/2021, response for the same was finally sent to NMCG through SPMG on 25/08/2021. It is still under review with World Bank/NMCG.		
27		Near Kavi Nazrul Metro Station, Birji Road - 5.70 MLD	1	The Bid validity period has been extended till 30/09/2021.		
28		STP Near L.S 10 - 16 MLD	1			
29		STP Near At Surinaam Ghat, Dhankheti Nikashir - 25 MLD	1	Proposed under Municipal Waste Water Project Budgetary estimate is of about Rs. 1551.37 Crore.		
30		STP Near Bhanga Khal, Gardenreach area - 35 MLD	1	Due to non issuance of AA&ES and Fund, Executing Agency can not comply the orders of Hon'ble NGT.		
31		STPs at Garden Reach and Keorapukur	2	Revised DPR amounting Rs. 250 crores along with prayer for switching over from HAM to DBOT model has been sent to NMCG through SPMG on 23.04.2021.	The revised DPR has been submitted to NMCG for approval.	

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]
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		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.	
34	MED	STPs at Dhulian, Haldia, Jiagunj Azimgunj, Chakdah, Raigunj, Santipur	6	Department of UD & MA has given 'In-Principle' approval for preparation 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	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.	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	To be intercepted in the Halisahar STP (16.00 MLD capacity) which is under execution.	16.0 MLD	May, 2021
3	4	Garifa Drain-South / Ramaghat Open pucca drain	22.908527 88.405872	Garifa	113.3 MLD	Lock gate and drop shutter	Considered to be connected with the STP 1 (6.50 MLD capacity WSP) at Naihati in rejuvenation works under North 24 Parganas district.	18.0 MLD	May, 2021
4	5	Garifa Drain-North	22.910819 88.404743	Garifa	6.5 MLD	Lock gate and drop shutter	Considered to be connected with the STP 1 (6.50 MLD capacity WSP) at Naihati in rejuvenation works under North 24 Parganas district.		
5	6	Thanar Khal	22.533490 88.242890	Naihati	16.2 MLD	Lock gate and drop shutter	Considered to be connected with the STP 2 (11.56 MLD capacity ASP) at Naihati in rejuvenation works under North 24 Parganas district.		
6	8	Imambara Khal	22.907930 88.400712	Hooghly	13.0 MLD	Lock gate and drop shutter	Considered in Hooghly -Chinsurah I&D network with STP project.	26.5 MLD	June, 2021
7	11	Chinsurah-Majir Rasta Drain	22.523180 88.233140	Hooghly	88.1 MLD	Lock gate and drop shutter	Considered in Hooghly -Chinsurah I&D network with STP project.		
8	12	Chandni Ghat Drain	22.912617 88.398112	Chinsurah	1.7 MLD	Lock gate and drop shutter	Considered in Hooghly -Chinsurah I&D network with STP project.		
9	17	Debitala Pancha Khal	22.815483 88.360441	Garulia	64.9 MLD	Lock gate and drop shutter	Considered to be connected with the STP (7.90 MLD capacity) at Garulia in rejuvenation works under North 24 Parganas district.	4.1 MLD	May, 2021
10	19	Serampore / Bhagirathi Drain	22.446260 88.213700	Serampore	14.6 MLD	Lock gate and drop shutter	Approval awaiting from DTC,UD&MA	18.9 MLD	June, 2021
11	20	Chatra Khal	22.455100 88.204930	Serampore	70.0 MLD	Lock gate and drop shutter	Considered to be connected with the STP (18.60 MLD capacity) at Serampore in rejuvenation works under Hooghly district.		
12	21	Barrackpore Khal (S. P. Banglow)	22.550211 88.325062	North Barrackpore	43.2 MLD	Lock gate and drop shutter	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.		
13	22	Gandhi Ghat Drain	22.750641 88.364329	Barrackpore	4.8 MLD	Lock gate and drop shutter	To be intercepted in the Barrackpore STP (6.00 MLD capacity) which is under execution.	6.0 MLD	February, 2021
14	23	Dhobi Ghat Drain	22.793359 88.353420	North Barrackpore	1.2 MLD	Lock gate and drop shutter	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.	6.5 MLD	June, 2021

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
15	24	Titagarh Drain (Bishalaxmi Ghat)	22.733628 88.363502	Titagarh	21.7 MLD	Lock gate and drop shutter	Considered to be connected with the STP (14.10 MLD capacity) at Khardah-Bandipur in rejuvenation works under North 24 Parganas district.	12.0 MLD	June, 2021
16	25	Hasting Ghat Drain	22.434500 88.213360	Rishra	29.0 MLD	Lock gate and drop shutter	Considered to be connected with the existing LS at Rishra Hooghly district.	22.0 MLD	May, 2021
17	30	Dewangazi Ghat Drain	22.642772 88.352557	Bally	7.6 MLD	Lock gate and drop shutter	Considered in Kona STP (62.00 MLD) at Bally which shall be executed by Ganga STP Project Pvt. Ltd. under HAM	40.0 MLD	March, 2021
18	32	Jagatnath Ghat Drain-1	22.619764 88.361093	Belur	17.3 MLD	Lock gate and drop shutter	Considered in 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	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	
20	34	Kamarhati Drain @ PB Ghat	22.684364 88.365903	Panihati	2.9 MLD	Lock gate and drop shutter	Considered to be connected with the STP (12.00 MLD capacity) at Panihati in rejuvenation works under North 24 Parganas district.	12.0 MLD	May, 2021
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	March, 2021
22	36	Chitpur Ghat Khal/ Circular Canal	22.606978 88.369915	Chitpur	458.6 MLD	Lock gate and drop shutter	Connected with STP at Bangur (KMC)	52 MLD	KMC
23	37	Cossipore / Kashipur drain	22.618925 88.368367	Cossipore	9.5 MLD	Lock gate and drop shutter	Gate remain closed during dry season (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	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
25	41	Ramkrishna Ghat Drain	22.573083 88.336972	Howrah	0.2 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	March, 2021
26	42	101,Foreshore Road Drain	22.562300 88.327050	Howrah	8.2 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		
27	44	Tolly Nala	22.550211 88.325062	Kalighat	844.5 MLD	Lock gate and drop shutter	Tender in Progress (KMC)	KMC	KMC
28	45	Nimtala Burning Ghat Drain	22.564738 88.242108	Kalighat	24.9 MLD	Lock gate and drop shutter	Gate remain closed during dry season (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
29	46	Dhankheti/ PB Ghat Khal	22.548084 88.289334	Khidderpore	80.9 MLD	Lock gate and drop shutter	Draft DPR for I&D submitted to NMCG for approval on 30.03.2019. 3 New STP's are proposed.	29.0 MLD	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	March, 2021
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.	18.0 MLD	March, 2021
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	March, 2021
33	55	Alliance Mill Drain	22.857849 88.376030	Jagatddal	5.2 MLD	Lock gate and drop shutter	Already tapped with the Bhatpara 31 MLD STP at Jagaddal.	31.0 MLD	September, 2020
34	56	Rosbara Khal	22.918529 88.395952	Bandel	168.3 MLD	Lock gate and drop shutter	Proposed to be connected with the STP (26.50 MLD capacity) at Hooghly - Chinsurah Municipality. DPR approved by NMCG on 28.08.2020.	26.5 MLD	June, 2021
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	June, 2021

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
36	2	Bhatpara Drain	22.871384 88.399027	Bhatpara	3.1 MLD		DPR already sent to NMCG for approval		
37	7	Pratapnagar-Rajbari Drain	22.843929 88.378524	Bhatpara	2.6 MLD				
38	9	Bhatpara-Open pucca drain	22.881233 88.410153	Bhatpara	35.3 MLD		Already been taken up by GAP sector KMDA		
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.		
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.		
41	14	Chamdani Ferry Ghat / Paolghat Drain	22.799760 88.349396	Hooghly	3.9 MLD		Approval awaiting from DTC,UD&MA		
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		
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		
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.		
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	Chandannagar drain is to be tapped at existing STP	Work started soon		
47	27	Nazerganj Khal	22.558376 88.277443	Sankrail	1075.2 MLD		Preparation of DPR for Howrah added zone in I&D with STP		
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.		
49	29	Akhra Food Ghat drain (New Muni Khali Khal)	22.529541 88.251636	Mahestala	362.9 MLD		Approval awaiting from DTC,UD&MA		

(b) Drains can not be connected to the STP

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		Approval awaiting from DTC, OD&MA		
51	38	Bazarpara-Garighat Drain / Sharenga drain	22.529805 88.186297	Sankrail/ Sharenga	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		
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		
54	51	Singhi More Khal	22.542012 88.226144	Sankrail	0.9 MLD		Tender invited for Preparation of DPR for Howrah added zone in I&D with STP		
55	52	BTIPS Out fall Drain-I	22.997221 88.406586	Hooghly	5.9 MLD		WBPCB taken regulatory action.		
56	53	Bagher Khal	22.955611 88.423912	Kancharapara	134.5 MLD		I&D work is under Progress		

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 - Niranjn 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	Dhuliyani	13	13	0	-	0	N. A.	Yes	
11	Diamond Harbour	7	7	0	-	0	N. A.	Yes	
12	Gayeshpur	0	0	0	-	-	-	-	
13	Halisahar	11	11	0	-	0	N. A.	Yes	
14	Jangipur	16	16	0	-	0	N. A.	Yes	
15	Jiaganj-Azimganj	5	5	0	-	0	N. A.	Yes	
16	Kalyani	2	2	0	-	0	N. A.	Yes	
17	Kamarhati	11	11	0	-	0	N. A.	Yes	
18	Kanchrapara	0	0	0	-	0	N. A.	Yes	
19	Katwa	7	7	0	-	0	N. A.	Yes	
20	Khardah	12	12	0	-	0	N. A.	Yes	
21	Konnagar	6	6	0	-	0	N. A.	Yes	
22	Krishnanagar	0	0	0	It is not a Ganga Town	0	N. A.	Yes	
23	Murshidabad	8	8	0	-	0	N. A.	Yes	
24	Nabadwip	3	3	0	-	0	N. A.	Yes	
25	Naihati	4	4	0	-	0	N. A.	Yes	
26	North Barrackpore	11	11	0	-	0	N. A.	Yes	
27	Panihati	7	7	0	-	0	N. A.	Yes	
28	Pujali	2	2	0	-	0	N. A.	Yes	
29	Santipur	0	0	0	-	0	N. A.	Yes	
30	Serampore	15	15	0	-	0	N. A.	Yes	
31	Titagarh	3	3	0	-	0	N. A.	Yes	
32	Uttarpara-Kotrung	9	9	0	-	0	N. A.	Yes	
33	Rishra	4	4	0	-	0	N. A.	Yes	
34	Hooghly-Chinsurah	42	42	0	-	0	N. A.	Yes	
35	Uluberia	10	10	0	-	0	N. A.	Yes	
36	Maheshtala	10	10	0	-	0	N. A.	Yes	
37	Champdany	3	3	0	-	0	N. A.	Yes	
38	Berhampur	33	33	0	-	0	N. A.	Yes	
39	Garulia	10	10	0	31.10.2019	0	N. A.	Yes	
40	Haldia	8	8	0	13.02.2020	0	N. A.	Yes	
41	Kolkata MC	14	14	0	-	0	N. A.	Yes	
	TOTAL	372	372	0					
1	Howrah MC	30	28	2	-	0	N. A.	Yes	2 belongs to KMDA, 2nos under Irrigation Dept. As per Exe. Engg. all the works for installation of screen, has been awarded to KMDA & 2 nos screen has already been installed.
	TOTAL	30	28	2					
	GRAND TOTAL	402	400	2					

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

Sl No	District	ULB	Initial Target	Final Revised Target	Construction completed	Online uploaded	ODF Inspection done by Gol Third Party Org.	ODF Certified by Gol Third Party Org.	Self Declared as ODF
1	HOOGHLY	Baidyabati	1303	632	632	629	Yes	Yes	Yes
2	HOOGHLY	Bansberia	2993	1140	1140	1140	Yes	Yes	Yes
3	HOOGHLY	Bhadreswar	3006	1200	1200	1200	Yes	Yes	Yes
4	HOOGHLY	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 BARDHAMAN	Katwa	832	1232	1232	1232	Yes	Yes	Yes
38	PURBA MEDINIPUR	Haldia	2813	2813	2813	2813	Yes	Yes	Yes
39	SOUTH 24-PGS	Budge Budge	2707	977	977	977	Yes	Yes	Yes
40	SOUTH 24-PGS	Diamond Harbour	896	1595	1595	1595	Yes	Yes	Yes
41	SOUTH 24-PGS	Maheshtala	45658	6562	6562	6562	Yes	Yes	Yes
42	SOUTH 24-PGS	Pujali	716	510	510	510	Yes	Yes	Yes
43	UTTAR DINAJPUR	Raiganj	5431	5911	5203	5203	No	Not visited Gol Third Party Org.	Yes
			215784	67851	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- December 2021

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

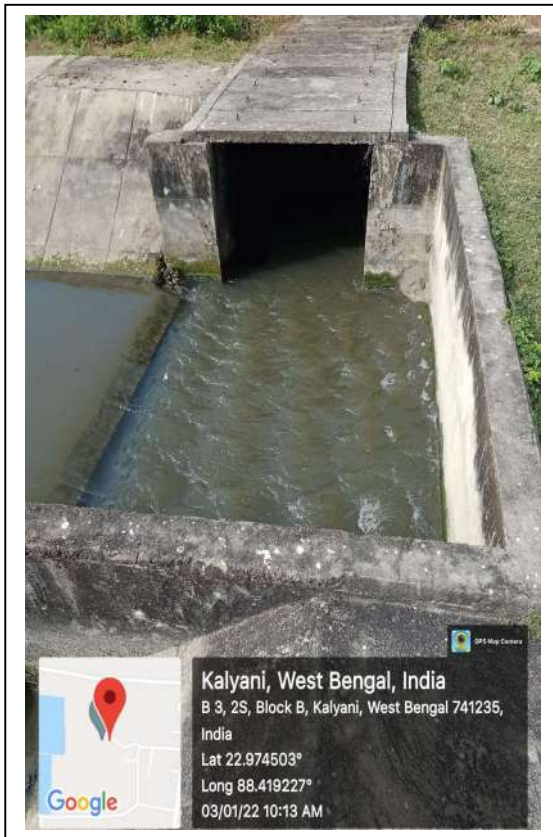
1. Physical progress of the operational STPs.

Sl. No.	Location	ULB Jurisdiction	Capacity in MLD	Actual utilization at present	Reasons for underutilization if any	Status of installation of OCEMs	Status of House Connection (if any)	Incremental progress over the last visit
1	Bhatpara	Bhatpara	60.50	26.26	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	2 nd call tenders have already been invited by the Municipality for balance house connections and technical bid opening date was 26/10/2021, but no bidder participated. Municipality are preparing tender documents for 3 rd call.	NIL
2	Kalyani	Kalyani	21.00	Influent -17.90 (avg) Effluent-17.52 (AVG) As on 31.1.2021		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 call for preparing DPR is to be opened 05.01.2022.	NIL

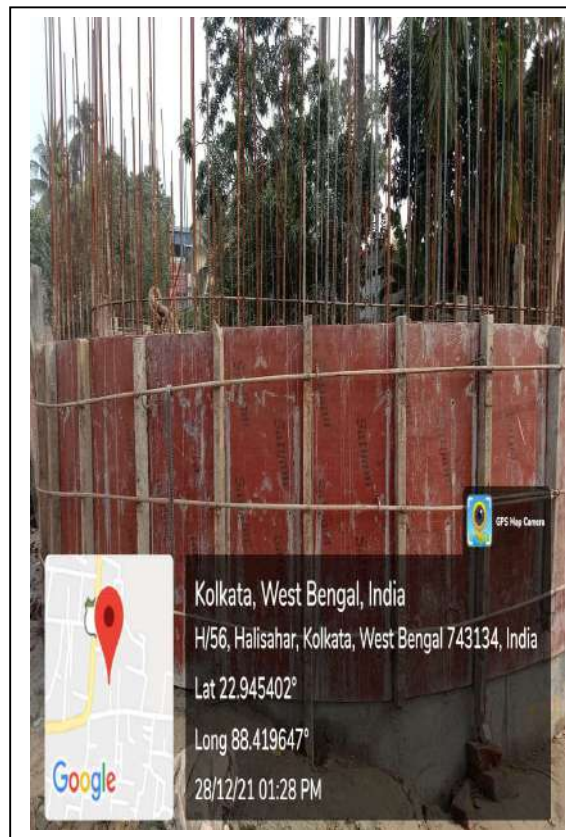
Sl. No.	Location	ULB Jurisdiction	Capacity in MLD	Actual utilization at present	Reasons for underutilization if any	Status of installation of OCEMs	Status of House Connection (if any)	Incremental progress over the last visit
3	Gayeshpur	Gayeshpur	8.33	Influent: 2.44 MLD (29.29%) Effluent: 2.42 MLD (29.05%)	Inadequate house connection		Gayeshpur Municipality is executing the work by engaging agencies through tender. Work is in progress.	Sewage (Influent) quality has been decreased compared to previous month viz. September, 2021 is 3.63 MLD.
4	Budge Budge	Budge Budge	9.3	1.8	Only for available drain connection	Not install till now	Technical and financial evaluation is under progress for 6 nos. tender under 3 rd call and 5 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 assembly poll	Not install till now	Barrackpore Municipality is executing a part (about 4,000 connections) of the house connection work and KMDA has invited 24 nos. ward-wise tender for balance 31,000 connections. During 1 st call no bidder participated. In 2 nd call tender, out of 24 nos work, bidders participated only for 7 nos tenders, out of which 6 nos tenders to	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
					and House connection work has also not been completed. Presently sewage from the existing drains are being taken by I& D structures		be sent to DTC as numbers of bidder i less than three. Financial bid will be opened tomorrow. Further tendering for balance house-connections is proposed in Halisahar mode.	
6	Halisahar	Halisahar	16.0	3.00	Pending of house connection. Only drain water collected	Not install till now	Work order issued for 59 no tenders. Works have been started.	Operation & Maintenance work for STP started.

SITE VISIT PHOTOGRAPH OF STP UNDER OPERATION & MAINTENANCE STAGE IN
December 2021



KALYANI



HALISAHAR



GAYESHPUR

SITEVISIT PHOTOGRAPH OF STP UNDER OPERATION/TRIAL & RUN STAGE IN DECEMBER, 2021



BARRACKPORE STP SITE

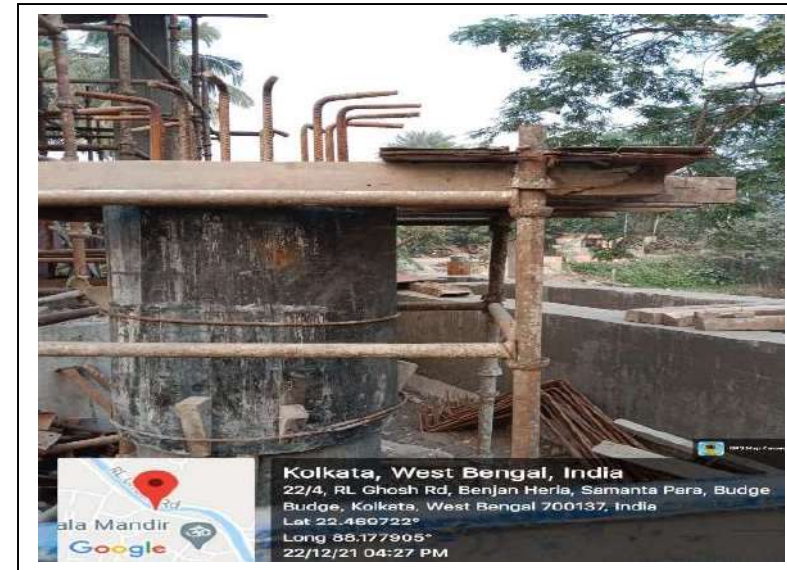


BARRACKPORE STP SITE

SITE VISIT PHOTOGRAPH OF STP UNDER OPERATION/TRIAL & RUN STAGE IN DECEMBER, 2021



BUDGE BUDGE



BUDGE BUDGE

2. 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	Sreerampore	Sreerampore	18.60	Installed-1990 Nonfunctional-2011	No bidder participated in the N.I.T. 4th call. This project needs to be		

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
					shifted from the Rejuvenation category to Augmentation category and hence new DPR will be prepared by engaging consultant through e-tender shortly	Non-functional	Nil
2	Champdani	Champdani	1.00	Installed-2009 Non-functional-2018	No bidder participated in the N.I.T. 4th call. This project needs to be shifted from the Rejuvenation category to Augmentation category and hence new DPR will be prepared by engaging consultant through e-tender shortly.	Non-functional	Nil
3	Bandipur	Khardah	14.00	Data not			

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
	(Khardah)			available	Work in progress	Overall physical progress as on 31.12.2021: 28% comprising 1.Repairing & renovation of STP-22% The work was hampered due to the Nation wide lock down, haevy rinfall in monsoon, Bye Election of legislative assembly etc .The wok is now under progress.	Work in progress
4	Garulia	Garulia	7.90	2004 Data not available	Work in progress	Overall Physical Progress as on 31.12.2021 is : 89% comprising 1.Repairing & renovation of STP-87% 2.Repairing & renovation of MPS (1 nos) and LS (1 no.)-93% 3. Repairing & Rrenovation of network- 87% 4.Repairing & renovation of Diversion structure-86%	Overall physical progress increase 1% 1.Repairing and renovation STP work increases 1% from previous month. 2. Increase in work in Repairing&renovation of MPS (1nos) and LS (1 no.)-0% from previous month Repairing & Rrenovation of network is increased 0% from previous

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	Overall physical progress as on 31.12.2021 : 88% comprising 1.Repairing & renovation of STP-89% 2.Repairing & renovation of MPS (2nos)-97% 3.Repairing & renovation of network-50% 4.Repairing & renovation of Diversion structure-95%	Overall physical progress increase 1% 1.Repairing& renovation of STP-1% 2.Repairing and renovation of MPS (2nos): 2%
6	Panihati	Panihati	12.00	1993 Data not available	Work in progress	Overall physical progress as on 31.12.2021 : 68% comprising Repairing & renovation of STP-80% 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 : 1% 1.Repairing and renovation of STP work : 0% 2. Increases in Repairing &renovation work MPS & LS: 2%.
7	Baidyabati	Baidyabati	6.00	2007 Data not available	LOI issued on 24th MAY, 2021 work order issued on 11.06.2021	Partially Functional (1) Renovation work (CIVIL part.) of MPS going on. (2) Renovation of STP going on. (3) Cleaning of existing sewer line completed.	STP : 9 % Lifting Station : 31 %.
8	Bhadreswar	Bhadreswar	7.60	2006 Data not available	LOI issued on 24th MAY, 2021	Partially Functional (1) Renovation work (CIVIL part.) of MPS going on.	STP : 5 % Lifting Station : 25 %

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
					work order issued on 11.06.2021	(2) Renovation of STP going on. (3) Cleaning of existing sewer line completed.	
9	Chandannagar	Chandannagar	22.66	1996 Data not available	Work is in Progress	Partially functional and presently undergoing renovation to make it fully functional.Overall physical progress as on 29.12.2021 is 40% (Civil part) 1.Repairing & renovation of STP- 65% (Civil part) 2.Repairing & renovation of MPS (1nos) and LS (2no.)-80% (Civil part) 3.Cleaning,Repairing & renovation of network- 12% (Civil part) 4. Repairing and renovation of Oxidation ponds along with internal drains within S.T.P premiese is in progress-85% (Civil part)	Overall physical progress increase : 10 1.Repairing and renovation of STP work : 5% 2. Increases in Repairing &renovation work MPS & LS: 25%. 3. Repairing & renovation of network-0%.
10	Bansberia	Bansberia	0.30	2009 Data not available	Work is in Progress	Partially functional and presently undergoing renovation to make it fully functional.Overall physical progress as on 29.12.2021 is 80% (CIVIL part) 1.Repairing & renovation of STP-85% (Civil part) 2.Repairing & renovation of MPS (1nos) -80% (Civil part) 3.Cleaning,Repairing & renovation of network-80% (Civil part)	Overall physical progress increase :7 1.Repairing and renovation of STP work : 10% 2. Increases in Repairing &renovation work MPS & LS: 55%. 3. Repairing & renovation of network-0%.
11	Uttarpara - Kotrung and Konnagar	Kanaipur Gram Panchayet	22.00	2007 Data not available	Work is in	Overall physical progress(Civil work)as on 31.12.2021: <ul style="list-style-type: none"> • Repairing & renovation of STP: 75%, • Repairing & renovation of LS (4 nos.): -90% 	<ul style="list-style-type: none"> • Cleaning, Repairing & renovation of network- IS UNDER PROGRESS,

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
					Progress	<ul style="list-style-type: none"> MPS (1 no):- 95% , Cleaning, Repairing & renovation of network- 20%, Road restoration work :- 30% 	
12	Naihati	Naihati	11.56	2009 Data not available	Work is in Progress	Overall Physical Progress as on 31.12.2021 is: 75% 1.Repairing & renovation of STP-97% 2.Repairing & renovation of MPS (1nos) and LS (1 no.)-97% 3.Cleaning,Repairing & renovation of network- 52% 4.Repairing & renovation of Diversion structure-62%.	Overall physical progress increase : 2% 1.Repairing and renovation of STP work : 0% 2. Repairing& renovation of MPS (1nos) and LS (1 no.)-2% 3. Cleaning, Repairing & renovation of network - 0%. 4. Repairing & renovation of Diversion structure-0%
13	Titagarh	Titagarh	9.00	1989 Data not available	Work is in Progress	Overall Physical Progress as on 31.12.2021 is : 71% comprising . 1.Repairing & renovation of STP-83% 2.Repairing & renovation of MPS (1 nos) and LS (3 no.)-88% 3.Cleaning,Repairing & renovation of network- 61% 4.Repairing & renovation of Diversion structure-76%.	Overall physical progress increase : 1% 1.Repairing and renovation of STP work : 1% 2. Repairing& renovation of MPS (1nos) and LS (3 no.)-4% 3. Cleaning, Repairing & renovation of network -0%. 4. Repairing & renovation of Diversion structure-0%

SITE VISIT PHOTOGRAPH OF STPs UNDER NON-OPERATIONAL/PARTIALLY OPERATIONAL IN DECEMBER, 2021



Naihati ASP



Naihati WSP

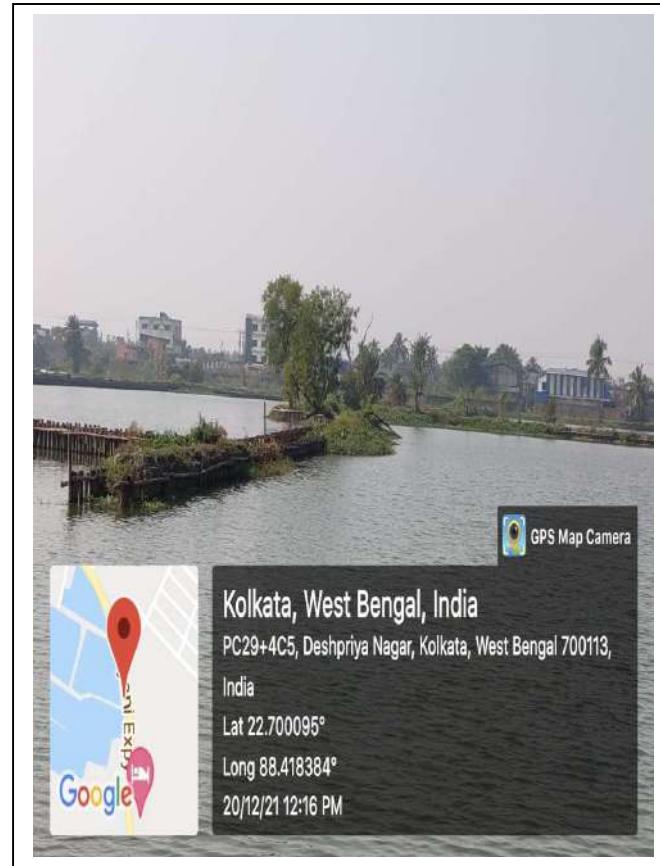


Titagarh

SITE VISIT PHOTOGRAPH OF STPs UNDER NON-OPERATIONAL/ PARTIALLY OPERATIONAL IN December, 2021



GARULIA

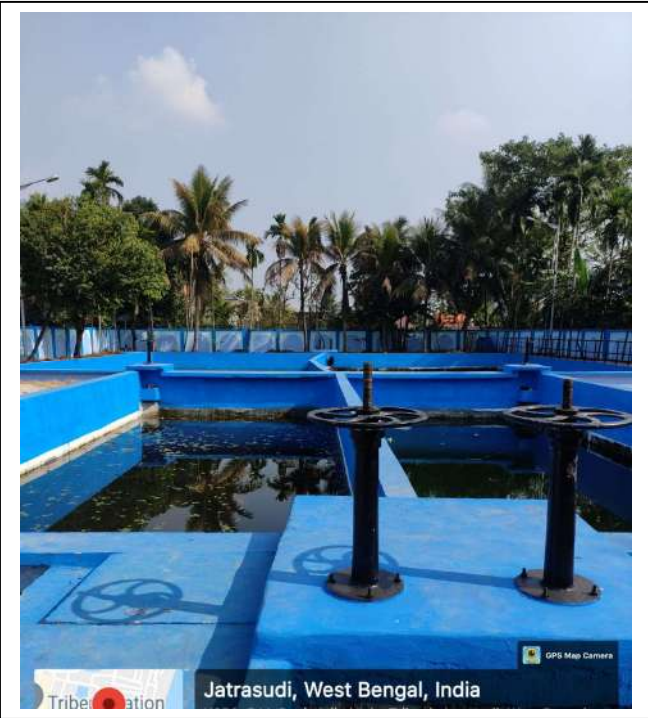


Panihati

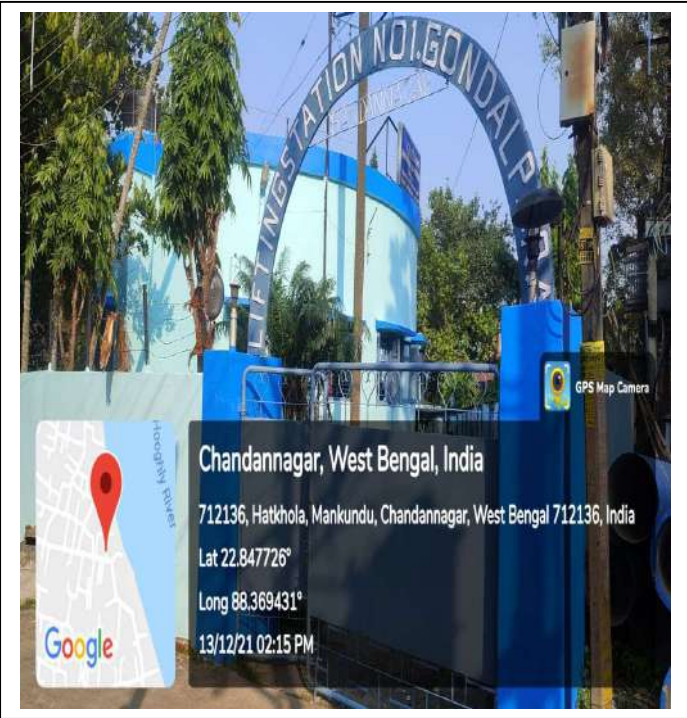


BANDIPUR

SITE VISIT PHOTOGRAPH OF STPs UNDER NON-OPERATIONAL/ PARTIALLY OPERATIONAL IN DECEMBER, 2021



BANSBERIA



CHANDANNAGAR,



BAIDYABATI

SITE VISIT PHOTOGRAPH OF STPs UNDER NON-OPERATIONAL/PARTIALLY OPERATIONAL IN December, 2021



BAIDYABATI



BHADERSWAR

3. 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	Sept,2021	Under Construction Overall physical progress achieved as on 30.11.2021 is 95%.	Overall Physical Progress increases as compared with previous month: 3%. 1. Progress in construction of 9.5 MLD STP: 3%
2	Kanchrapara	Kanchrapara	18.00 MLD	Feb,2022	Under Construction Overall physical progress achieved as on 30.11.2021 is 58%.	Overall Physical Progress increases as compared with previous month: 2%. 1. Construction work of 18 MLD capacity STP increases: 0%.
3	Jangipur	Jangipur	8.00 MLD	May,2022	Physical Progress upto 31.10.2021: 15.59% Construction of STP Physical progress-27%. i) SBR Basin: 127 nos. of pile has been driven. ii) Inlet Chamber: 27 nos. of pile has been driven. iii)MCC- Blower Room: construction upto Tie beam lvl. done. construction of machine foundation is completed and column up to grade slab level completed. iv) Centrifuge House of STP: up to tie beam level construction completed. Up to grade slab level completed. Construction up to grade slab level is completed. Upto 1st Floor level is under process. v) Chlorination Building : Up to tie beam level - completed. Up to grade slab level also completed. Upto 1st Floor level is under process. vi) CCT room: Not started.	Overall progress increases 0.31%

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
					vii) MPS- 1no. The design and vetting 1 No. of MPS is completed. Network: Laying of sewer line about 982 m completed till date . Manhole: 21%	
4	Raghunathgaunge	Jangipur	5.00 MLD	May,2022	<p>Physical Progress upto 31.10.2021 : 13.6%</p> <p>Construction of STP Physical progress-27%.</p> <p>i) SBR Basin: 76 nos. of pile has been driven.</p> <p>ii) Inlet Chamber: 34 nos. of pile has been driven.</p> <p>iii)MCC- Blower Room: construction upto Tie beam lvl. Completed. Construction upto grade slab level is completed.</p> <p>iv) Centrifuge House of STP: up to tie beam level construction completed. Up to grade slab level completed. Construction up to grade slab level is completed. Up to 1st Floor level is under process.</p> <p>v) Chlorination Building: Up to tie beam level - completed. Up to grade slab level also completed. Up to 1st Floor level is under process.</p> <p>vi) CCT room: started. Construction of raft completed. Wall is under progress.</p> <p>vii) MPS- 1no. The design and vetting 1 No. of MPS is completed.</p>	Overall progress increases 0.88%.

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	May,2022	<p>Physical Progress upto 31.09.2021 : 3.48% The land for setting up the STP has been demarcated on 09.09.2021 from the end of BL&LRO, Sadar, Berhampore. Construction work is under progress. The NOC for land for construction of 1 no. of Lifting Station has been given from Berhampore Municipality and land for 1 no. of Lifting Station not yet handed over to this end.</p> <p>Laying of HDPE(DWC) pipe of 405 m length done till date. Manhole: 8% The design work for setting up 3.5 MLD STP is under process. Excavation for Boundary Wall has been started.</p>	Overall physical progress increase over previous month is NIL
6	Bally (Kona)	Jagacha Gram Panchayet	62.00	Sept.-2023	<p>Overall physical progress as on 31.12.2021:</p> <ul style="list-style-type: none"> • Filling of land is under progress (90% completed). • Construction of site office is UNDERPROGRESS. <p>Pilling work is in progress (Total 506 nos of piles are completed).</p>	<ol style="list-style-type: none"> 1. Construction of site office is under progress. <p>285 nos pile completed in this month.</p>
7	Arupara	Howrah	65.00	Sept.-2023	<p>Overall physical progress as on 31.12.2021:</p> <ul style="list-style-type: none"> • Pilling work is in progress (Total 1221 nos of piles are completed). • Pile cap & tie beam work is under progress. • 246 nos pile completed in this month • Pile cap & tie beam work is under progress. 	<ol style="list-style-type: none"> 1. 246 nos pile completed in this month. 2. Pile cap & tie beam work is under progress. <p>Super structure of inlet chamber is in under progress.</p>

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
8	Mathkal	Baranagar	60.00	Sept.-2023	Overall physical progress as on 31.12.2021: <ul style="list-style-type: none"> • Dismantling work is in progress (90% completed). • Piling work is started. (Total 722 nos of piles are completed). 	1. 295 pile completed in this month.

SITE INSPECTION OF DIFFERENT PROJECT UNDER EXECUTION IN DECEMBER, 2021



NABADWIP



NABADWIP STP



KACHRAPARA



KACHRAPARASTP SITE

SITE INSPECTION OF DIFFERENT PROJECT UNDER EXECUTION IN DECEMBER, 2021



BERHAMPORE-JANGIPUR STP SITE



BERHAMPORE-JANGIPUR STP SITE



BERHAMPORE STP SITE



CHLORINATION -RAGHUNATHGANJ STP

SITE INSPECTION OF DIFFERENT PROJECT UNDER EXECUTION IN DECEMBER, 2021



BALLY STP



BARANAGAR SITE



ARUPARA SITE

4. Status of Polluted Drains discharging to river Ganga.

Sl no.	Name of drain	City/Town of confluence point	Flow of drain(MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
1.	Jangipur Drain	Jangipur	0.2 MLD	Presently in-situ treatment work is ongoing and in future it will be tapped under the ongoing Baharampore - Jangipur Interception & Diversion Project. Bar screen has already been installed.	YES	Chemical dosing, desilting work etc. has been taken up periodically	Dosing and Desilting work is in progress
2.	Halisahar Drain	Halisahar	97.2 MLD	To be intercepted in the Halisahar STP (16.00 MLD capacity) which is under execution.	NO	Installation of Lock gate completed and partial flow diverted to newly constructed 16.0 mld STP.	Installation of gate completed.
3.	Garifa Drain-South / Ramaghat Open pucca drain	Garifa	113.3 MLD	Considered to be connected with the STP 1 (6.50 MLD capacity) at Naihati in rejuvenation works under North 24 Parganas district.	NO	Civil construction for Lock gate completed.	Lock Gate Installed
4.	Garifa Drain-North	Garifa	6.5 MLD	Considered to be connected with the STP 1 (6.50 MLD capacity) at Naihati in rejuvenation works under North 24 Parganas district.	NO	Civil construction for Lock gate is completed.	Lock Gate Installed..
5.	Thanar Khal	Naihati	16.2 MLD	Considered to be connected with the STP 2 (11.56 MLD capacity) at	NO	Civil construction	Lock Gate Installed

Sl no.	Name of drain	City/Town of confluence point	Flow of drain(MLD)	Any STP operation/planned in the catchment area or likely diversion/interceptionof the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
				Naihatiin rejuvenation works under North 24 Parganas district.		for Lock gate is completed.	completed.
6.	Imambara Khal	Hooghly-Chinsurah	13.0 MLD	Consider in Hooghly - Chinsurah Revised DPR	No	Technical Evaluation is in process.	NIL
7.	Chinsurah-Majir Rasta Drain	Hooghly-Chinsurah	88.1 MLD	Consider in Hooghly - Chinsurah Revised DPR	No	Technical Evaluation is in process.	NIL
8.	ChandniGhat Drain	Hooghly-Chinsurah	1.7 MLD	Consider in Hooghly - Chinsurah Revised DPR	No	Technical Evaluation is in process.	NIL
9.	DebitalaPancha Khal	Garulia	64.9 MLD	Considered to be connected with the STP (7.90 MLD capacity) at Garulia in rejuvenation works under North 24 Parganas district.	No	Installation of Lock gate completed and is diverted to STPwhich is under trial run after rejuvenation.	NIL
10.	Serampore / Bhagirathi Drain	Serampore	14.6 MLD	Planned to be diverted to the existing Serampore STP which will be renovated after the finalization of Tender	No	Approval awaiting from DTC,UD&MA	Nil
11.	Chatra Khal	Serampore	70.0 MLD	Planned to be diverted to the existing Serampore STP which	No	NA	Financial evaluation in progress

Sl no.	Name of drain	City/Town of confluence point	Flow of drain(MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
				will be renovated after the finalization of Tender			
12.	Barrackpore Khal (S. P. Banglow)	North Barrackpore	43.2 MLD	Considered to be connected with the STP 1 (6.50 MLD capacity) at North Barrackpore. DPR submitted to NMCG on 22.07.2020 for approval.	No	DPR stage	NIL
13.	Gandhi Ghat Drain	Barrackpore	4.8 MLD	To be intercepted in the Barrackpore STP (6.00 MLD capacity) which is under execution.	NO	Installation of Lock gate completed and partial flow diverted to newly constructed 6.0 mld STP.	NIL
14.	Dhobi Ghat Drain	North Barrackpore	1.2 MLD	Considered to be connected with the STP 1 (6.50 MLD capacity) at North Barrackpore. DPR submitted to NMCG on 22.07.2020 for approval.	No	DPR stage	NIL
15.	Titagarh Drain (BishalaxmiGhat)	Titagarh	21.7 MLD	Considered to be connected with the STP (14.10 MLD capacity) at Khardah-Bandipur in rejuvenation works under North 24 Parganas district.	NO	Installation of Lock gate completed and partial flow will be diverted to STP after rejuvenation.	NIL

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

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

Sl no.	Name of drain	City/Town of confluence point	Flow of drain(MLD)	Any STP operation/planned in the catchment area or likely diversion/interceptionof the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
						different locations to arrest the floating materials for the ease of removing the same from reaching to the River.	
28.	Nimtala Burning Ghat Drain	Nimtala Ghat, Kolkata	24.9 MLD	This is combined sewer overflow line. Thereis a penstock gate arrangement to discharge diluted sewage in river. DWF is taken to EKW through a system of sewer network,pumping stations and canals. (KMC).	NO	Under KMC	NIL
29.	Dhankheti/ PB Ghat Khal	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	Under KMC

Sl no.	Name of drain	City/Town of confluence point	Flow of drain(MLD)	Any STP operation/planned in the catchment area or likely diversion/interceptionof the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
						reaching to the River.	
30.	Shibpur Burning Ghat Drain	Shibpur-Howrah	5.4 MLD	Considered in Arupara STP (65.00 MLD) at Howrah which shall be executed by Ganga STP Project Pvt. Ltd. under HAM.	No	STP under execution	Nil
31.	Bagher Khal	Kanchrapara	134.50 MLD	To be intercepted in the Kanchrapara STP (18.00 MLD capacity) which is under execution.	No	STP under execution	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	Jagatddal	5.2 MLD	Diverted to 31 MLD STP at Jaggadal	No	Already intercepted and diverted to Ex-LS-04 and finally delivered to 31 MLD STP at Jaggadal	-
34.	Rosbara Khal	Bandel	168.3 MLD	Proposed to be connected with the STP (26.50 MLD capacity) at Hooghly - Chinsurah Municipality. DPR approved by NMCG on 28.08.2020.	No	Tendering stage	Nil
35.	Old Muni Khali Khal	Mahestala	6.9 MLD	Considered in Maheshtala I&D network project	No	Land hand over is in	

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

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

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

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

Sl no.	Name of drain	City/Town of confluence point	Flow of drain(MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
					capacity and flow will be treated as separate canal/River	preparation of DPR	progress
53.	Bally Khal	Bally	4860.0 MLD	NO	Drain with humongous capacity and flow will be treated as separate canal/River	Second call for Tender has been invited for preparation of DPR	Financial evaluation in progress
54.	Singhi More Khal	Sankrail, Howrah	1.1 MLD	NO	Tender invited for Preparation of DPR for Howrah added zone in I&D with STP	Tender invited for preparation of DPR	Financial evaluation in progress
55.	BTPS Out fall Drain-I	Hooghly	5.9 MLD	No	No	WBPCB taken regulatory action.	NIL
56.	Bagher Khal	Kanchrapara	134.50 MLD	To be diverted to the ongoing Kanchrapara STP	No	I&D work is under Progress	Nil

SITE VISIT PHOTOS OF OUTFALLS IN DECEMBER, 2021



GARIFA SOUTH (RAM GHAT)



HALISAHAR DRAIN LOCKGATE

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

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

Date:10.01.2022

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:01.02.2021

ORDER(Draft)

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

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

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

This issue has an approval of the Higher Authorities.

Joint Secretary
UD&MA
Department

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

Date:01.02.2021

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

Minutes of the Review Meeting of Principal Secretary, UD & MA Department on Issues related with House to House connections for Barrackpore, Halisahar and Budge Budge STPs and Land issue of Berhampore STP Held on 21st September 2021 at the Chamber of Principal Secretary, UD & MA.

The meeting was chaired by Principal Secretary, UD & MA and was attended by the following officials:

1. CEO KMDA & PD WBSPMG
2. Joint Secretary in charge of LWM Cell & APD, WBSPMG
3. Joint Secretary, Budget UD & MA looking after KMDA matters
4. Chief Engineer, GAP Sector, KMDA
5. Financial Advisor, UD & MA

Joint Secretary, LWM Cell has presented the above mentioned issues in details. The progress has been reviewed by Principal Secretary UD & MA at length. The decisions which were taken in this Meeting are given below:

<i>Sl. No.</i>	<i>Agenda and Executing Agency</i>	<i>Decisions taken</i>
1)	Status of House to House connection in Barrackpore STP - KMDA	Total House Connections to be done = 35,000 <ul style="list-style-type: none"> • Tender awarded for 1,000 connections by the Municipality. Out of which 360 connections completed. Work is under progress for balance 640 connections. • Tender for another 3,000 connections floated by the Municipality. • For Balance 31,000 connections, Ward Wise Tenders to be floated by 26th September 2021 through KMDA portal. • Work order will be issued by the Municipality. • CEO, KMDA and CE, GAP Sector, KMDA will hold a meeting with prospective bidders for awareness so that the Tenders mature.
2)	Status of House to House connection in Budge Budge STP - KMDA	Total House Connections to be done = 13,200 <ul style="list-style-type: none"> • 15 Tenders have been invited for 16 Wards (by KMDA) • 10 Tenders are on Second Call. • 5 Tenders have been cancelled after Technical Bid Evaluation. Fresh Tenders will be floated on 26th September 2021.
3)	Status of House to House connection in Halisahar STP - KMDA	Total House Connections to be done = 32,686 <ul style="list-style-type: none"> • 60 Tenders have been invited by Halisahar Municipality. All 60 Tenders were matured. But in all of them the rate quoted is 9% above (in between 8 to 10%) than the approved rate. Department of UD & MA observed that- <ol style="list-style-type: none"> a. This will increase the Total burden of Cost to a large extent. b. The Department also observed that in all the Tenders the rate is nearly the same that is around 9% higher which indicates that there has been a Nexcus (Curtail formation) among the bidders. Considering the above two points, the Department of UD & MA has cancelled all the Tenders and it was decided that the Tenders will be floated afresh Ward Wise (as has been decided for Barrackpore) by using KMDA portal by 26th September 2021 by KMDA itself. Work order will be issued by the Municipality.
4)	Land issue of Berhampore STP - KMDA	The land for Berhampore STP has been transferred by the inter Departmental Land Transferred Committee (LTC) of Department of UD & MA. Work has already started. Hence land issue resolved.

Miscellaneous Issues –

1. It was decided that CEO, KMDA will submit weekly report regarding the progress of the House to House connections as stated above to the Department on every Friday by 4:00 PM
2. Proposal for setting up of new STPs in 16 Ganga Towns and capacity augmentation of existing STPs, amounting to Rs. 2,885 crore under Namami Gange –II (2021-2023) have been sent to NMCG by PD SPMG on 4th February, 2021. This will create an additional capacity of 550 MLD and presently under consideration of NMCG.
3. Fund issues Pending with NMCG –

Details of additional expenditure incurred on 3 Externally Aided Project (EAP) towards implementation of NMCG Program in the State of West Bengal					
Sl. No.	Name of Project	Price Escalation	GST	Utility Shifting / Electricity Charges etc	Total
1	Barrackpore	20,62,57,042.00	12,19,97,957.00	3,95,82,633.00	36,78,37,632.00
2	Halisahar	13,69,01,059.00	8,20,57,514.00	3,65,91,738.00	25,55,50,311.00
3	Budge Budge	6,78,47,886.00	4,63,07,077.00	4,22,90,464.00	15,64,45,427.00
	GRAND TOTAL	41,10,05,987.00	25,03,62,548.00	11,84,64,835.00	77,98,33,370.00

The said proposal already sent to NMCG on 5th July 2021 from Program Director, WBSPMG.

As there was no other issue, the Meeting ended with thanks to the Chair.

Principal Secretary,
UD & MA Department

Joint Secretary, (DB)
Department of UD & MA

CEO, KMDA
&
PD WBSPMG

Financial Advisor,
Department of UD & MA

Joint Secretary (NG)
Department of UD MA
&
APD, WBSPMG

Chief Engineer, GAP Sector,
KMDA

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

Memo No. 140/(14)- JS(NG)

Date: 03.11.2021.

To:

- 1) The C.E.O., K.M.D.A & PD, SPMG, Unnayan Bhavan, Sector-II, Salt Lake, Kolkata- 700091.
- 2) Additional Secretary, Environment Department, Pranisampad Bhavan, 5th Floor, LB-2, Sector-III, Salt Lake, Kolkata-700106.
- 3) APD SPMG and Joint Secretary in charge of LWM Cell
- 4) CEO ADDA, 2nd Floor, Administrative Building, 1st St, City Center, Durgapur, West Bengal 713216
- 5) CEO SJDA, 41/196, Hill Cart Rd, Ward 3, Pradhan Nagar, Siliguri, West Bengal 734001
- 6) Sri Debapriya Biswas Joint Secretary, Department of UD & MA.
- 7) Nodal Officer Tolly Nullah
- 8) Secretary, MED, Bikash Bhavan, Salt Lake, Kolkata, West Bengal 700091.
- 9) Chief Engineer, GAP Sector, KMDA
- 10) Nodal Officer, PHE, Head Office, 7th floor, New Secretariat Building, I.K.S.Roy Road, Pin - 700001
- 11) Chief Engineer, MED, Secretary, MED, Bikash Bhavan, Salt Lake, Kolkata, West Bengal 700091.
- 12) Dr T.K. Gupta, Chief Technical Advisor, WBPCB
- 13) Special Engineer, SLRDC,
- 14) Senior Law Officer Department of UD & MA and his Team

Sub: - Minute of the Review Meeting of Honourable Principal Secretary UD & MA Department on Issues related with Liquid Waste Management held on 29th October 2021 at the Conference Hall of Nagarayan.

Sir/Madam,

With reference to the above subject, I am directed to attach herewith the Minutes of the above Meeting for your kind perusal and further actions. All the Executing agencies are requested to submit Status Reports within time and date mentioned in the MOM to the Department positively.

Yours faithfully,

Nandini Ghosh, IAS
Joint Secretary
UD & MA Department
Government of West Bengal

(Nandini Ghosh, IAS)
Joint Secretary

Memo No. 140- /1(2) - JS (NG)

Date: 03.11.2021.

Copy forwarded for kind information to:

- 1) PS to HMOS, UD & MA Department.
- 2) P.S to Principal Secretary, UD & MA Department.

Joint Secretary

Nandini Ghosh, IAS
Joint Secretary
UD & MA Department
Government of West Bengal

**Minutes of the Review Meeting of Honourable Principal Secretary, UD & MA
Department on Issues related with Liquid Waste Management with particular
reference to the Court cases before Hon'ble NGT**

Held on 29th October 2021 at the Conference Hall of Nagarayan.

The meeting was chaired by Hon'ble Principal Secretary UD& MA and was attended by the officials and Engineers of different Department as below:

1. CEO KMDA & PD SPMG
2. Additional Secretary, Environment Department
3. APD SPMG and Joint Secretary in charge of LWM Cell
4. CEO ADDA
5. CEO SJDA
6. Sri Debapriya Biswas Joint Secretary
7. Nodal Officer Tolly Nullah
8. Secretary MED
9. Chief Engineer, GAP Sector, KMDA
10. Nodal Officer, PHE
11. Chief Engineer, MED
12. Dr T.K. Gupta, Chief Technical Advisor, WBPCB
13. Special Engineer, SLRDC
14. Senior Law Officer Department of UD & MA and his Team

Joint Secretary, LWM Cell has presented the issues related with Liquid Waste Management in details. The progress has been reviewed by Principal Secretary UD & MA at length. The decisions which were taken in this Meeting are given below:

Sl. No.	Agenda	Decisions taken
1)	Review of the progress of STPs.	<ul style="list-style-type: none"> • With respect to the STPs not complying with the Water Quality standards, the following decisions were taken: <ol style="list-style-type: none"> a. Monthly Report on Water Quality to be given by WBPCB . b. Customised Locations Specific Solution would be chalked out and provided with the Water Quality Report. • In respect of commissioned STPs (Kalyani, Gayeshpur, Bhatpara, Budge budge, Barrackpore, Halishahar) weekly Report with respect to the Progress of House to House Connections to be submitted. • In Jiaganj-Azimganj, 50% work with respect to rejuvenation of Pump House at Takia has been achieved, prayer given for release of fund. JS Budget (ARM) to expedite the release. • Monthly Progress Report to be submitted by GAP Sector KMDA showing both physical and financial progress component wise of each STPs. • Work Orders for preparation of DPRs in respect of 11 Towns to be issued by 3rd of November 2021. • Work Order with respect to Churni River to be issued by 3rd of November 2021. • Construction/Renovation/Rejuvenation of STPs at Garulia, Naihati, Panihati, Nabadwip, Kanchrapara, Titagarh, Bandipur, to be completed by December 2021.
2)	Mahananda STP.	<ul style="list-style-type: none"> • DPR of Mahananda River was sent to NMCG on 24.09.2021 amounting Rs. 61.57 crores through WBSPMG. It was decided that Principal Secretary UD & MA would write to NMCG for an Official Visit by them at the Site so that the Project can be taken up expeditiously, as Chief Secretary WB is having a personal appearance before HNGT on 17.01.2022 (OA No.10). Since, the Environment Department is looking into this matter; Department of UD & MA would submit Report to the Environment Department as and when required giving the latest development.

3)	STPs on River Damodar (Asansol, Durgapur)	<ul style="list-style-type: none"> DPR of Damodar River was sent to NMCG on 10.08.2021 amounting Rs. 634.30 crores through WBSPMG. It was decided that Principal Secretary UD & MA would write to NMCG for an Official Visit by them at the Site so that the Project can be taken up expeditiously.
4)	Tolly's Nullah Project.	<ul style="list-style-type: none"> Combined TBER sent to NMCG on 25.10.2021 for onward transmission to the Bank. The Bank has extended the validity up to 19th November 2021 and gave some observations. KMC is sending the replies by 10th November 2021.
	Garden Reach-Keorapukur STP Project	<ul style="list-style-type: none"> NMCG has given observations on the DPR sent by KMC for Garden Reach-Keorapukur STP Project. KMC has been instructed to submit the replies by 15th November 2021.
5)	Progress of the In-situ Treatment in Polluted River Stretches with likely date of completion and final status	<ul style="list-style-type: none"> With respect to the completed Projects of Jalangi, Shilabati, Karola and Kanshi, MED has been instructed to start the Chlorination work by 15th November 2021. With respect to the ongoing Projects of Kaljani, Dwarkeshwar, Mayurakshi, Rupnarayan, the target date of completion has been fixed on 31st December 2021.
6)	NGT case related to Bagjola-Kestopur, (OA NO. 14)	<ul style="list-style-type: none"> Department of UD & MA has to file a fresh affidavit by last week of November 2021. Law Section UD & MA has been instructed to place a Draft by third week of November 2021. The Department has got clarification from I& W Department that Kestopur Canal is connected with Ganga and both Kestopur and Bagjola canal are falling under Ganga basin. It was decided that the DPR of Kestopur and Bagjola would thus be placed before NMCG for funding.
7)	NGT case related to Santragachi Jheel (OA NO. 06)	<ul style="list-style-type: none"> The Department has received observations from South Eastern Rail with respect to the DPR prepared by KMDA for construction of WSP at Jheel. Subsequently, CE GAP Sector has also given the replies. It was decided that the Law Section of UD & MA Department would forward both the observations and replies to the Committee constituted by HNGT Eastern Bench. The Department would also highlight the observation of SER in point no 4 where they clearly stated that Construction of Public Toilets, Installation of Waste Bins is not acceptable in their land. Therefore, Department of UD & MA is not in a position to take up any interim measures for pollution abatement of Jheel.
8)	NGT case related to Manikhal (OA NO. 66)	<ul style="list-style-type: none"> It was decided that, since WBPCB is the Nodal Agency in this case, therefore they would hold a Meeting to review the Progress in this matter before the next hearing which is scheduled on 23.11.2021.
9)	Progress of installation of OCEMS	<ul style="list-style-type: none"> It was decided that Principal Secretary UD & MA would write to NMCG for funding. The total cost involved for procuring 47 machines is approx Rs. 9.39 crores.
10)	Construction of FSTPs	<ul style="list-style-type: none"> The Department of UD & MA has constituted a Committee for designing a State level policy on construction of FSTPs in each district. The first meeting will be held on 2.11.2021 and the first Draft Report to be placed within 15 working days.

As there was no Agenda, the Meeting ended with thanks to the Chair.

(Khalil Ahmed)
Principal Secretary,
UD & MA Department

PHOTOGRAPHS OF MAYAPUR GHAT



PHOTOGRAPHS OF NABADWIP STP



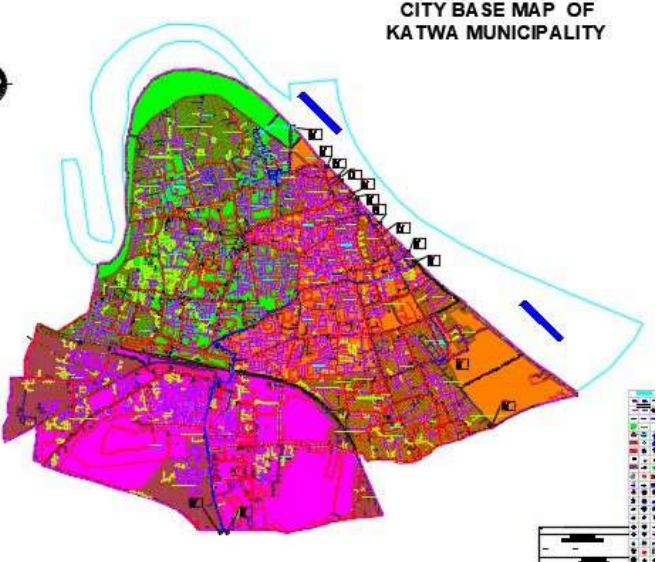
KATWA MUNICIPALITY



Flow Measurement Survey



Sample Collection Survey in presence of KMDA & MED



Outfall & Land Identification with KMDA & Municipality



Collected Sample for Testing

CURRENT STATUS OF WORK OF KATWA I&D DPR

Items	Status	Remark
Meeting with Municipality officials and data collection regarding Population, water supply etc.	Completed	
Study drainage pattern of the area	Completed	Discussion with municipality officials and prepare drainage plan of the area
Identification of Existing LS/MPS/ Treatment plant	Completed	
Identification of outfalls and demarcation of the same on google map	Completed	
Flow measurement of Outfall	Completed	
Water quality test of Outfall	Completed	
Identification of Land for Treatment plant	Completed	Land has been identified by ULB and collection of land papers is progress
Finalization of Diversion route	Completed	Discussed with Municipality
Route level survey of diversion route	Completed	
Identification of land for proposed LS/MPS	On going	Land for STP & One LS has been finalized. Land for another LS is pending.
Hydraulic design of route and Design treatment plant	On going	Completed by 4 th Jan'22
Preparation of Auto Cad Drawing of entire scheme	On going	Completed by 6 th Jan'22
Preparation of Estimate and collection of Quotation for unscheduled items	On going	Completed by 9 th Jan'22
Preparation of DPR write up	On going	Completed by 12 th Jan'22
Submission of Draft DPR	On going	Completed by 13 th Jan'22

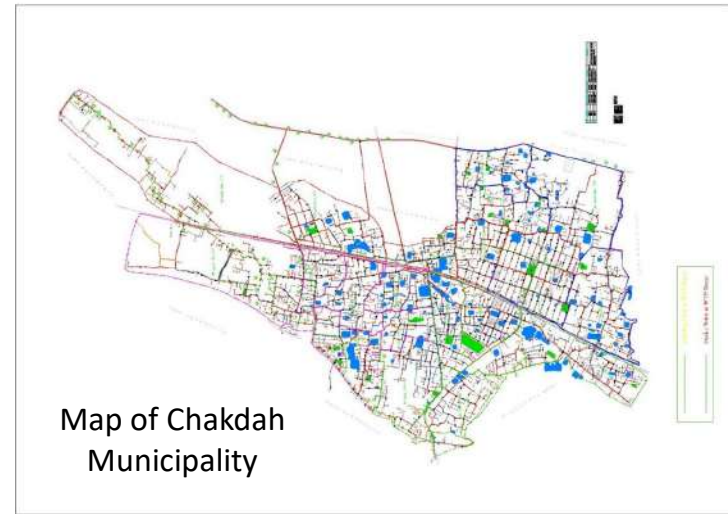
CHAKDAH MUNICIPALITY



Flow Measurement & Sample Collection Survey



Level Survey



Map of Chakdah Municipality



Land Identification for LS & STP with KMDA & Municipality



Outfall & Land Identification with KMDA & Municipality

CURRENT STATUS OF WORK OF CHAKDAH I&D DPR

Items	Status	Remark
Meeting with Municipality officials and data collection regarding Population, water supply etc.	Completed	
Study drainage pattern of the area	Completed	Discussion with municipality officials and prepare drainage plan of the area
Identification of Existing LS/MPS/ Treatment plant	Completed	
Identification of outfalls and demarcation of the same on google map	Completed	
Flow measurement of Outfall	Completed	
Water quality test of Outfall	Completed	
Identification of Land for Treatment plant	Completed	Land has been identified by ULB and collection of land papers is progress
Finalization of Diversion route	Completed	Discussed with Municipality
Route level survey of diversion route	Completed	
Hydraulic design of route and Design treatment plant	In progress	Completed by 5 th Jan'22
Preparation of Auto Cad Drawing of entire scheme	Under process	Completed by 10 th Jan'22
Preparation of Estimate and collection of Quotation for unscheduled items	Under process	Completed by 12 th Jan'22
Preparation of DPR write up	Under process	Completed by 15 th Jan'22
Submission of Draft DPR	Under process	Completed by 18 th Jan'22

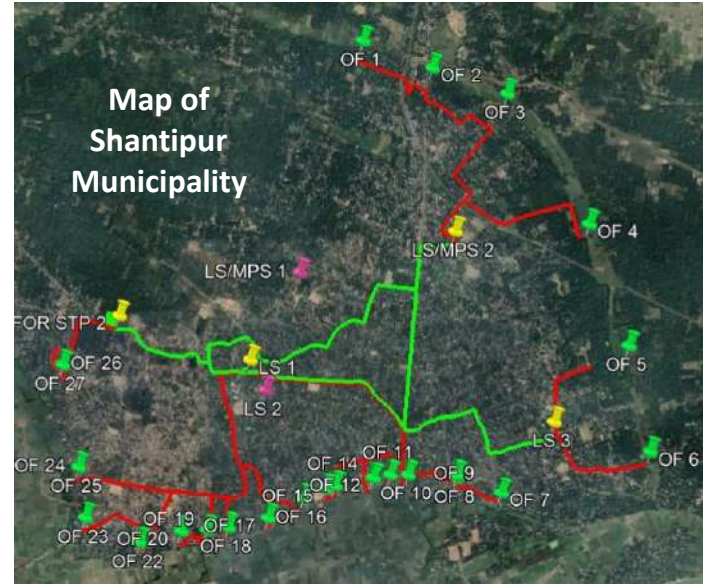
SHANTIPUR MUNICIPALITY



Flow Measurement & Sample Collection Survey



Land Identification for LS & STP with KMDA & Municipality



Level Survey

Identified outfalls/canals choked with solid waste



Consultation with Local Public regarding flow direction of existing drain in presence of KMDA & Municipality

CURRENT STATUS OF WORK OF SHANTIPUR I&D DPR

Items	Status	Remark
Meeting with Municipality officials and data collection regarding Population, water supply etc.	Completed	
Study drainage pattern of the area	Completed	Discussion with municipality officials and prepare drainage plan of the area
Identification of Existing LS/MPS/ Treatment plant	Completed	
Identification of outfalls and demarcation of the same on google map	Completed	
Flow measurement of Outfall	Completed	
Water quality test of Outfall	Ongoing	Completed by 7 th Jan'22
Identification of Land for Treatment plant	Completed	Land for STP & Two LS has been finalized. Land for another LS is pending.
Finalization of Diversion route	Completed	Discussed with Municipality
Route level survey of diversion route	Completed	
Hydraulic design of route and Design treatment plant	In progress	Completed by 12 th Jan'22
Preparation of Auto Cad Drawing of entire scheme	In progress	Completed by 17 th Jan'22
Preparation of Estimate and collection of Quotation for unscheduled items	In progress	Completed by 20 th Jan'22
Preparation of DPR write up	In progress	Completed by 25 th Jan'22
Submission of Draft DPR	In progress	Completed by 28 th Jan'22

KRISHNANAGAR MUNICIPALITY



Identification of Land for LS & STP with KMDA & Municipality



Identified Land for Proposed STP



Outfall falling into Jalangi River



Identification of Outfalls & Flow Measurement Survey

CURRENT STATUS OF WORK OF KRISHNANAGAR I&D DPR

Items	Status	Remark
Meeting with Municipality officials and data collection regarding Population, water supply etc.	Completed	
Study drainage pattern of the area	Completed	Discussion with municipality officials and prepare drainage plan of the area
Identification of Existing LS/MPS/ Treatment plant	Completed	
Identification of outfalls and demarcation of the same on google map	Completed	
Flow measurement of Outfall	Completed	
Water quality test of Outfall	Pending	Completed by 14 th Jan'22
Identification of Land for Treatment plant/ LS	Under progress	Land for STP has been finalized. Land for LS is pending.
Identification of Diversion route	Under process	Completed by 3 rd Jan'22
Route level survey of diversion route	Pending	Completed by 6 th Jan'22
Hydraulic design of route and Design treatment plant	Pending	Completed by 22 th Jan'22
Preparation of Auto Cad Drawing of entire scheme	Pending	Base level municipality road map drawing not received from municipality
Preparation of Estimate and collection of Quotation for unscheduled items	Pending	Completed by 10 th Feb'22
Preparation of DPR write up	Pending	Completed by 15 th Feb'22
Submission of Draft DPR	Pending	Completed by 25 th Feb'22

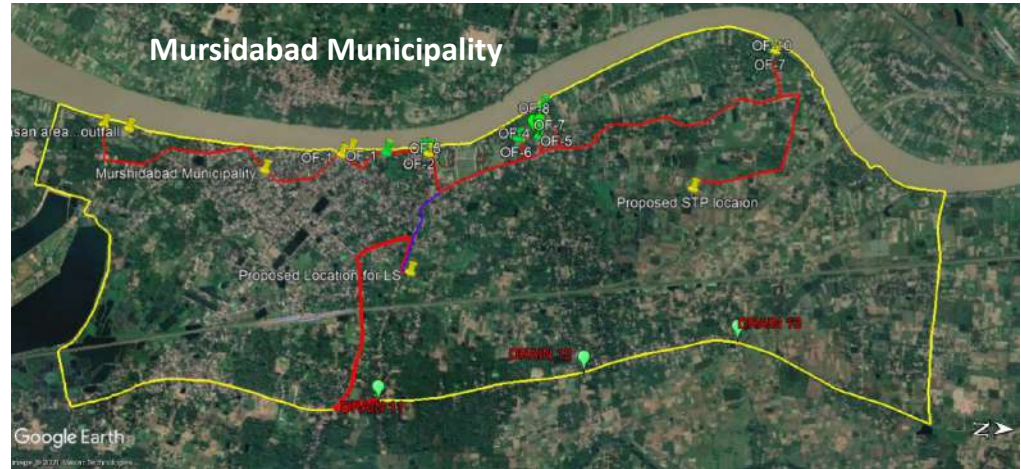
MURSIDABAD MUNICIPALITY



Level Survey



Flow Measurement & Sample Collection Survey



Land Identification for LS & STP with KMDA & Municipality



Inspection Pump House maintained by PHE



CURRENT STATUS OF WORK OF MURSIDABAD I&D DPR

Items	Status	Remark
Meeting with Municipality officials and data collection regarding Population, water supply etc.	Completed	
Study drainage pattern of the area	Completed	Discussion with municipality officials and prepare drainage plan of the area
Identification of Existing LS/MPS/ Treatment plant	Completed	
Identification of outfalls and demarcation of the same on google map	Completed	
Flow measurement of Outfall	Completed	
Water quality test of Outfall	Completed	
Identification of Land for Treatment plant	Completed	Land has been identified by ULB and collection of land papers is progress
Identification of Diversion route	Completed	Discussed with Municipality
Route level survey of diversion route	Completed	
Hydraulic design of route and Design treatment plant	In progress	Completed by 3 rd Jan'22
Preparation of Auto Cad Drawing of entire scheme	In progress	Completed by 5 th Jan'22
Preparation of Estimate and collection of Quotation for unscheduled items	In progress	Completed by 7 th Jan'22
Preparation of DPR write up	In progress	Completed by 10 th Jan'22
Submission of Draft DPR	In progress	Completed by 12 th Jan'22

JIAGAUNG-AZIMGAUNG MUNICIPALITY



Level Survey



Outfall falling into Ganga



Discussion with
KMDA & Municipality
about Land



Flow Measurement & Sample Collection Survey

CURRENT STATUS OF WORK OF JIAGAUNG-AZIMGAUNG I&D DPR

Items	Status	Remark
Meeting with Municipality officials and data collection regarding Population, water supply etc.	Completed	
Study drainage pattern of the area	Completed	Discussion with municipality officials and prepare drainage plan of the area
Identification of Existing LS/MPS/ Treatment plant	Completed	
Identification of outfalls and demarcation of the same on google map	Completed	
Flow measurement of Outfall	Completed	
Water quality test of Outfall	Completed	
Identification of Land for Treatment plant	Completed	Land of Existing STP has been identified by ULB and collection of land papers is progress
Identification of Diversion route	Completed	Discussed with Municipality
Route level survey of diversion route	Completed	
Hydraulic design of route and Design treatment plant	In progress	Completed by 5 th Jan'22
Preparation of Auto Cad Drawing of entire scheme	In progress	Completed by 7 ^h Jan'22
Preparation of Estimate and collection of Quotation for unscheduled items	In progress	Completed by 10 th Jan'22
Preparation of DPR write up	In progress	Completed by 12 ^h Jan'22
Submission of Draft DPR	In progress	Completed by 15 th Jan'22

DHULIYAN MUNICIPALITY



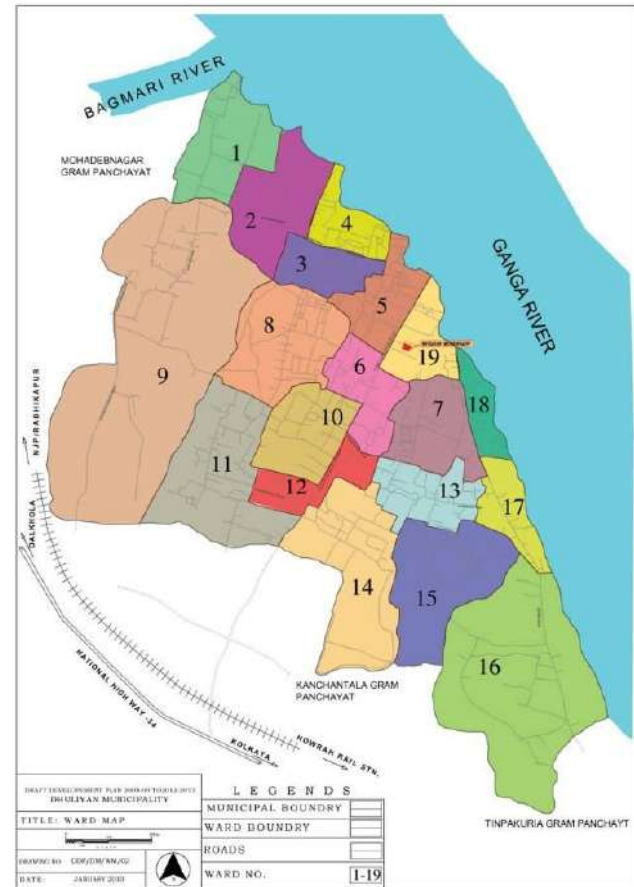
Outfall falling into Ganga



Identified Land for STP



Outfall Measurement Survey



Map of Dhuliyan Municipality

CURRENT STATUS OF WORK OF DHULIYAN I&D DPR

Items	Status	Remark
Meeting with Municipality officials and data collection regarding Population, water supply etc.	Pending	Document Not received from Municipality; Municipality road map drawing is not provided
Study drainage pattern of the area	Completed	
Identification of Existing LS/MPS/ Treatment plant	Pending	
Identification of outfalls and demarcation of the same on google map	Completed	
Flow measurement of Outfall	Completed	
Water quality test of Outfall	Pending	By 15 th January, 2021
Identification of Land for Treatment plant	Pending	Insufficient land and shape is irregular
Identification of Diversion route		Finalised after land finalization
Route level survey of diversion route		After land finalization

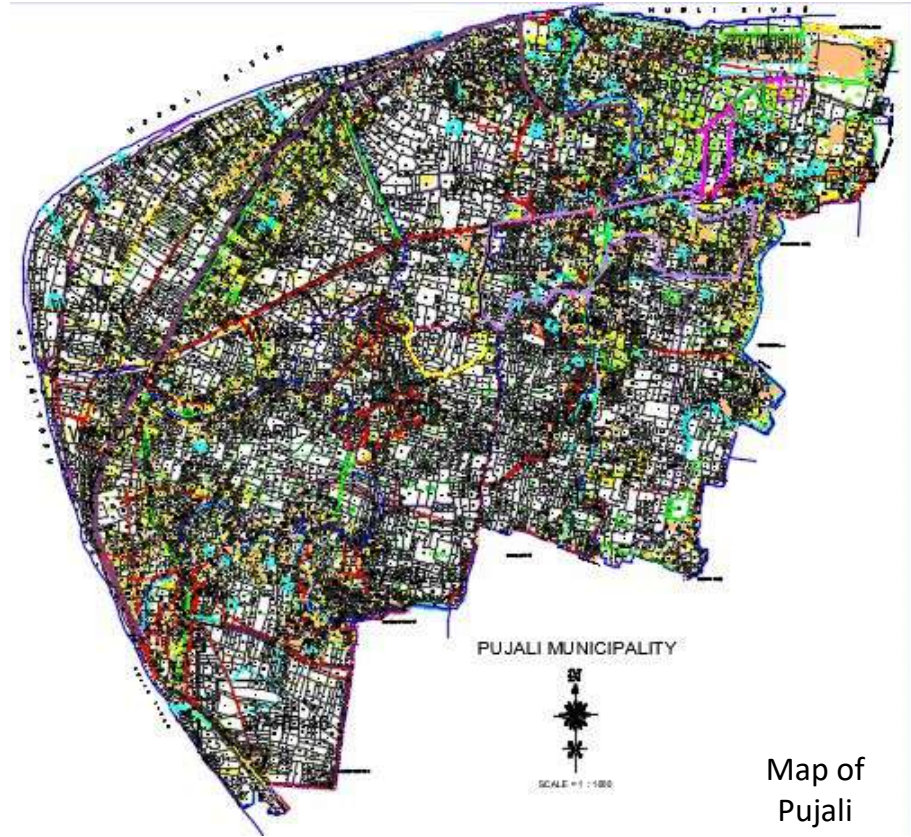


Flow Measurement Survey



Outfall falling into Ganga Sample Collection Survey

PUJALI MUNICIPALITY



Map of Pujali Municipality

CURRENT STATUS OF WORK OF PUJALI I&D DPR

Items	Status	Remark
Meeting with Municipality officials and data collection regarding Population, water supply etc.	Pending	Not received from Municipality
Identification of Existing LS/MPS/ Treatment plant	Completed	
Identification of outfalls and demarcation of the same on google map	Completed	
Flow measurement of Outfall	Completed	
Water quality test of Outfall	Completed	
Identification of Land for Treatment plant	Pending	Municipality didn't show any land for LS, MPS & STP
Identification of Diversion route	Pending	Start discussion after finalization of land
Route level survey of diversion route	Pending	Start after finalization of Route

HALDIA MUNICIPALITY



Existing Pumphouse



Existing Canal



Outfall falling into Ganga

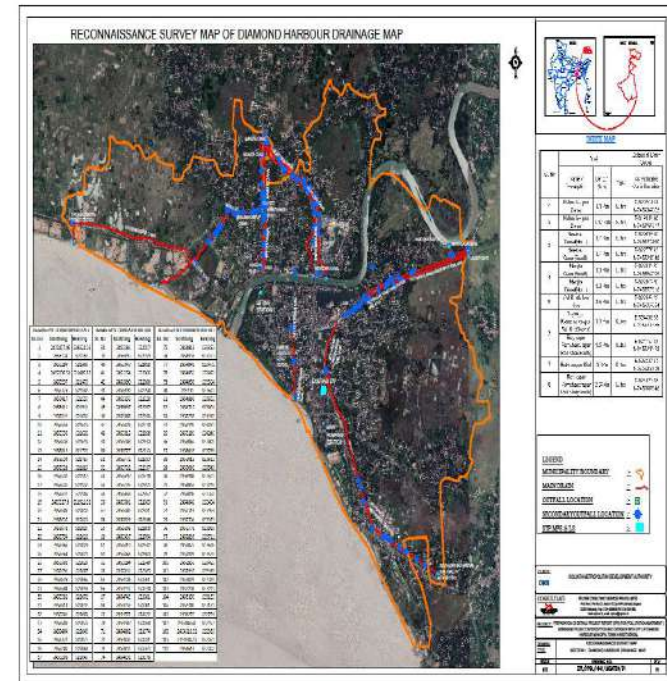
CURRENT STATUS OF WORK OF HALDIA I&D DPR

Items	Status	Remark
Meeting with Municipality officials and data collection regarding Population, water supply etc.	Pending	Not received from Municipality
Study drainage pattern of the area	Pending	Not received from Municipality
Identification of Existing LS/MPS/ Treatment plant	Pending	Municipality didn't show any land for LS, MPS & STP
Identification of outfalls and demarcation of the same on google map	Pending	
Flow measurement of Outfall	Pending	
Water quality test of Outfall	Pending	
Identification of Land for Treatment plant	Pending	Municipality neither communicating nor cooperating for finding out land for STP or LS
Identification of Diversion route	Pending	Start discussion after finalization of land
Route level survey of diversion route	Pending	Start after finalization of Route

DIAMOND HARBOUR MUNICIPALITY



Existing Khal, Drain, STP(Stabilization Pond), Lifting Station

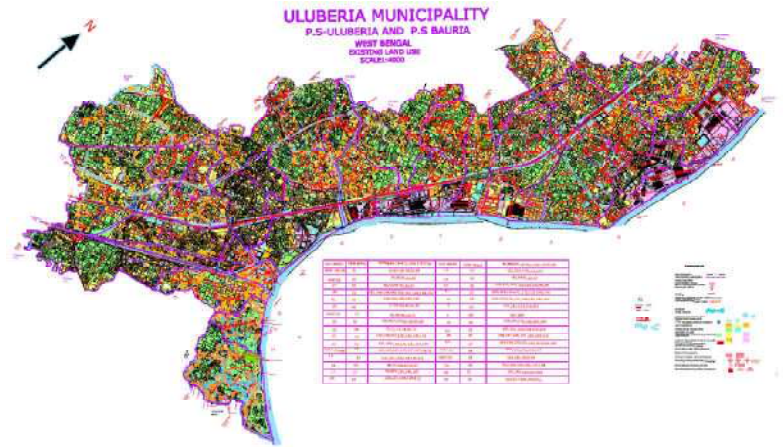


Area Map of Diamond Harbour Municipality

CURRENT STATUS OF DIAMOND HARBOUR MUNICIPALITY		
Items	Status	Remark
Meeting with Municipality officials and data collection regarding Population, water supply etc.	Completed	
Study drainage pattern of the area	Completed	
Identification of Existing LS/MPS/ Treatment plant	Completed	
Identification of outfalls and demarcation of the same on google map	Completed	
Flow measurement of Outfall	To Be Done	
Water quality test of Outfall	To Be Done	
Identification of Land for Treatment plant	To Be Done	Land of Existing STP has been identified with municipality engineer.
Identification of Diversion route	To Be Done	Discussed with Municipality
Submission of Concept & Draft DPR	To Be Done	Completed by 20th Jan'22
In principle Approval of Concept & Draft DPR	To Be Done	Completed by 31st Jan'22
Vetting of Civil Estimate by KMDA	To Be Done	Completed by 8th Feb'22
Vetting of E&M Estimate by KMDA	To Be Done	Completed by 16th Feb'22
Submission of Final DPR	To Be Done	Completed by 28th Feb'22

Existing drains in the city area and sample collection for water quality testing

ULUBERIA MUNICIPALITY



Area Map of Uluberia Municipality

CURRENT WORK STATUS OF ULUBERIA MUNICIPALITY

Items	Status	Remark
Meeting with Municipality officials and data collection regarding Population, water supply etc.	Completed	
Study drainage pattern of the area	Completed	Discussions held with municipality officials. There is no dedicated drainage system in the city
Identification of Existing LS/MPS/ Treatment plant	Completed	
Identification of outfalls and demarcation of the same on google map	Completed	
Flow assessment of Outfall	In progress	
Water quality test of Outfall	Completed	Done for major drains
Identification of Land for Treatment plant	Completed	Land has been identified by ULB
Finalization of Diversion route	NA	It is proposed to establish Fecal Sludge Treatment Plant
Route level survey of diversion route	NA	
Hydraulic design of route and Design treatment plant	Under Process	
Preparation of Auto Cad Drawing of entire scheme	Under process	
Preparation of Estimate and collection of Quotation for unscheduled items	Under process	
Preparation of DPR write up	Under process	
Submission of Draft DPR	15 th March ,2022	

GOVERNMENT OF WEST BENGAL
DEPARTMENT OF URBAN DEVELOPMENT & MUNICIPAL AFFAIRS
NAGARAYAN, DF-8, SECTOR-I,
SALT LAKE CITY, KOLKATA 700064

No. 87(Law)/UDMA-24011(99)/66/2021

Dated: Kolkata, the 09th November, 2021

From : Smt Nandini Ghosh, IAS,
Joint Secretary to the Government of West Bengal.

To :

1. CEO KMDA & PD WBSPMG
2. Additional Secretary, Environment Department, Gov. of WB
3. Director SUDA
4. Sri B.N.Kar, Mission Director AMRUT
5. Joint Secretary (J.C), Department of UD & MA
6. Joint Secretary(D.B), Department of UD & MA
7. Joint Secretary (ARM), Department of UD & MA
8. Secretary, MED
9. Prof Arunabha Majumdar, Ex-Director & Professor, All India Institute of Hygiene & Public Health, Govt. of India
10. Sri T.K.Gupta, Chief Technical Advisor, WBPCB
11. Chief Engineer, GAP Sector, KMDA
12. Chief Engineer, SD Sector, KMDA
13. Chief Engineer, MED
14. Senior Civil Engineer, WBSPMG
15. PHE WBSPMG
16. Environment Specialist, WBSPMG
17. Senior Scientist, WBPCB (to be nominated by WBPCB)
18. Senior Scientist, Environment Department(to be nominated by WBPCB)
19. Senior Law Officer, Department of UD & MA


Sub: MOM dated 02.11.2021 of the Committee Constituted for drafting policy on Integrated Faecal Sludge Management Policy (IFSMS in W.B)

Sir/Madam,

With reference to the above subject matter, I am directed to forward herewith a copy of the MOM dated 02.11.2021 for your kind perusal and taking necessary action.

This may be treated as extremely urgent.

Encl: As Stated Above

Yours faithfully,

Joint Secretary
&

Member Convener of the Committee

No. 87/1(Law)UDMA-24011(99)/66/2021

Dated: Kolkata, the 09th November, 2021

Copy forwarded for information to:

1. Sr. P.S. to Principal Secretary, UD & MA Department.


Joint Secretary
&
Member Convener of the Committee

Nandini Ghosh, IAS
Joint Secretary
UD & MA Department
Government of West Bengal

Minutes of the 1st Meeting of Committee Constituted for drafting policy on Integrated Faecal Sludge Management Policy(IFSMS in W.B)

Date: 02 nd November,2021	Time: 3.00 PM	Venue: Conference Hall, Nagarayan 6 th floor.
List of Participants Present in the Meeting: Annexure-I		

The meeting was chaired by the Chief Executive Officer, KMDA & PD, WBSPMG. She welcomed all the dignitaries and initiated the discussion. She elaborated the need of formulating a policy for faecal management throughout West Bengal in a systemic manner which may be an alternative system of conventional sewage management. She highlighted the objectives of introducing an **Integrated Faecal Sludge Management Policy (IFSMP)** and requested the members to contribute their views as to how such a policy may be formulated considering the ground situation(s) of our State and implementation of IFSMP through a continuous process for ensuring a pollution free environment, for the benefit of the life and society as a whole.

Discussion:

1. At the outset, Joint Secretary (Smt. Nandini Ghosh), Department of Urban Development and Municipal Affairs & APD, WBSPMG placed the need for co-opting Prof. Partha Ghoshal, IIT Kharagpur and Special Engineer, SLR&DC as the invitee member of the committee.
2. Prof. Arunava Mazumder, Expert member placed his valuable views stating inter alia that wherever possible house to house connections to be done and wherever not possible the sludge may be carried by Cesspool car and be carried to STP for its treatment. Where the capacity of STP is underloading one, this can be used for treatment of sludge. Where the capacity of STP does not permit for treatment of sludge, separate arrangement may be done.
3. Additional Secretary, Environment Department stated that although BOD level is being reduced to the satisfactory level, but level of faecal coliform (FC) need to be reduced to the prescribed standard level. He also offered his views stating *inter-alia* that for collection of sludge from house to house; SHG may be engaged by ULBs. It may be made compulsory for the ULBs to ascertain before issuance of building sanction plan that the septic tank of the proposed building has been designed as per the formulated design. In order to execute this policy, the relevant provisions of law and building rules may be amended accordingly.

4. Joint Secretary, Sri Joly Chaudhuri stated that septic tank with prescribed design may be made compulsory at the time of issuance of sanction plan by ULBs. He will share a presentation on workshop on 16th November, 2021 at 3:00 pm. on SBM II in relation to West Bengal.
5. CEO, KMDA stated that for all running STPs, the executing agencies will place their plan as to what action is being taken to treat the sludge so that the output from the STP is not a contaminated one. After collecting the sludge from houses of ULBs, the same may be carried to nearest STP with underloading capacity for treatment and for this purpose zoning of ULBs situated in the peripheries of STPs may be conceptualized. For carrying of sludge, battery cesspool vehicle may be deployed.

Decision:

1. This Committee shall monitor and supervise the implementation of Integrated Faecal Sludge Management Policy (IFSMS) in W.B.,
2. The committee has decided to co-opt to Prof. Partha Ghoshal, IIT Kharagpur and Special Engineer SLR&DC as the invitee members of the committee.
3. Prof. Majumder, expert member of the Committee will make a draft policy on Integrated Faecal Sludge Management in relation to West Bengal.
4. This IFSMP will be converged with SBM II policy.
5. It has been decided that a delegation consisting of an administrative officer from SUDA, an Engineer from MED, an Engineer from SPMG, an Engineer from GAP, KMDA, Prof. Gupta from WBPCB and Prof. Majumder, expert Members will have a short visit to Navi Mumbai to experience the administrative and technical policy adopted by them on both Sewage and Septage Management. WSPMG will bear the expenses.
6. For the purpose of ascertaining the underloading capacity of existing STPs of different ULBs, zoning of ULBs may be conceptualized so that capacity of underloading STP may be fully utilized.
7. The Implementations authority of STP will examine whether any technical device is to be introduced to augment the capacity of STP for the Sludge Management.
8. In order to prevent midway unloading of sludge, GPS system should be introduced in the Cess-Pool Vehicles.
9. To ascertain the amount of total sludge generated for a particular period of any ULBs, log Book register of the Municipalities' may be regularly checked and reported.
10. In the ULBs beyond Ganga Town, the policy of setting up of FSTP may be followed with the concept of zoning clusters.

11. The log Books maintained by the agencies to be called for ascertaining the amount of generation and disposal of Sludge in the existing STPs.
12. Data will be collected from the ULBs with respect to population existing number of cess-pools and quantum of Sewerage getting generated presently.
13. For carrying of sludge to nearest STP, battery cesspool vehicle may be encouraged.
14. It has been decided to have a presentation on SBM II in relation to West Bengal on 16th November, 2021 at 3 pm. Sri Joly Chodhury, Joint. Secretary, UD & MA Department will arrange the presentation.
15. **Next date of a meeting is scheduled on 16.11.2021 at 3:00 pm.**

The meeting ended with thanks from the end of Chairman.



Chief Executive officer, KMDA & PD WBSPMG

Annexure-I

List of Participants Present in the Meeting

Sl. No.	Name and Designation	Signature
1.	CEO KMDA & PD WBSPMG, Chairman	Sd/-
2.	Additional Secretary, Environment Department, Gov. of WB	Sd/-
3.	Joint Secretary (NG), Department of UD & MA, & APD WBSPMG, Chairman	Sd/-
4.	Director SUDA	Sd/-
5.	Joint Secretary (J.C), Department of UD & MA	Sd/-
6.	Secretary MED	Sd/-
7.	Prof Arunabha Majumdar, Ex Director & Professor All India Institute of Hygiene & Public Health, Govt. of India	Sd/-
8.	Sri T.K.Gupta, Chief Technical Advisor, WBPCB	Sd/-
9.	Chief Engineer, GAP Sector, KMDA	Sd/-
10.	Executive Engineer, MED	Sd/-
11.	Assistant Engineer, MED	Sd/-
12.	PHE ,WBSPMG	Sd/-
13.	Environment Specialist, WBSPMG	Sd/-
14.	SCE, WBSPMG	Sd/-
15.	Senior Law Officer, Department of UD & MA	Sd/-

GOVERNMENT OF WEST BENGAL
DEPARTMENT OF URBAN DEVELOPMENT & MUNICIPAL AFFAIRS
NAGARAYAN, DF-8, SECTOR-I,
SALT LAKE CITY, KOLKATA 700064

No. 80 UDMA/24011(99)66/2021

Dated: Kolkata, the 25th October, 2021

Order

Committee for drafting of policy on Integrated Faecal Sludge Management Policy (IFSMP) in W.B

The construction of STP treating one MLD sewage involves a huge cost of approximately Rs. 7/- crore per MLD with land requirement of at least 4 acres, also often it is seen that STPs are not alone sufficient to reduce the level of Faecal coliform in the river stretches. Therefore, a decision has been taken in the Review Meeting of Liquid Waste Management dated 11th June 2021 under the chairmanship of HMOS (IC) that Department of UD & MA would construct at least one FSTP in each District.

Under these circumstances it has been felt by this department that Integrated Faecal Sludge Management Policy(IFSMP) needs to be drafted and notified from the Department which will ensure the construction of FSTPs smoothly and speedily.

Therefore, it has been decided to constitute a committee consisting of the following members which would draft and design a customized FSM Policy best suited for the requirement of all the ULBS of the State.

1.	CEO KMDA & PD WBSPMG	Chairperson
2.	Additional Secretary, Environment Department, GoWB	Member
3.	Joint Secretary (NG), Department of UD & MA, & APD WBSPMG	Member Convener
4.	Director SUDA	Member
5.	Sri B.N.Kar, Mission Director AMRUT	Member
6.	Joint Secretary (JC), Department of UD & MA	Member
7.	Joint Secretary(DB), Department of UD & MA	Member
8.	Joint Secretary (ARM), Department of UD & MA	Member
9.	Secretary MED	Member

10.	Prof Arunabha Majumdar, Ex-Director Professor All India Institute of Hygiene & Public Health Govt. of India	Expert Member
11.	Sri T.K.Gupta, Chief Technical Advisor, WBPCB	Member
12.	Chief Engineer, GAP Sector, KMDA	Member
13.	Chief Engineer, SD Sector, KMDA	Member
14.	Chief Engineer, MED	Member
15.	Senior Civil Engineer, WBSPMG	Member
16.	PHE WBSPMG	Member
17.	Environment Specialist, WBSPMG	Member
18.	Senior Scientist, WBPCB (to be nominated by WBPCB)	Member
19.	Senior Scientist, Environment Department (to be nominated by WBPCB)	Member
20.	Senior Law Officer, Department of UD & MA	Member

The Chairperson of the Committee may co-opt any other Technical Expert as Guest Member of this Committee.

The above committee would submit an Interim Report within 45 working days from its constitution to the Department.

This issues with the approval of the appropriate authority.

This order will take immediate effect.


 Principal Secretary
 to Govt. of West Bengal

GOVERNMENT OF WEST BENGAL
DEPARTMENT OF URBAN DEVELOPMENT & MUNICIPAL AFFAIRS
NAGARAYAN, DF-8, SECTOR-I,
SALT LAKE CITY, KOLKATA 700064

No. 96(Law)/UDMA-24011(99)/66/2021

Dated: Kolkata, the 23rd November, 2021

From : Smt Nandini Ghosh, IAS,
Joint Secretary to the Government of West Bengal.

To :

1. CEO KMDA & PD WBSPMG
2. Additional Secretary, Environment Department, Gov. of WB
3. Director SUDA
4. Sri B.N.Kar, Mission Director AMRUT
5. Joint Secretary (J.C), Department of UD & MA
6. Joint Secretary(D.B), Department of UD & MA
7. Joint Secretary (ARM), Department of UD & MA
8. Secretary, MED
9. Prof. Arunabha Majumdar, Ex-Director & Professor, All India Institute of Hygiene & Public Health, Govt. of India.
10. Prof. Partha Ghosal, IIT Kharagpur.
11. Sri T.K.Gupta, Chief Technical Advisor, WBPCB
12. Chief Engineer, GAP Sector, KMDA
13. Chief Engineer, SD Sector, KMDA
14. Chief Engineer, MED
15. Senior Civil Engineer, WBSPMG
16. PHE, WBSPMG
17. Environment Specialist, WBSPMG
18. Senior Scientist, WBPCB (to be nominated by WBPCB)
19. Senior Scientist, Environment Department(to be nominated by WBPCB)
20. Senior Law Officer, Department of UD & MA

Sub: MOM dated 16.11.2021 of the Committee Constituted for drafting policy on Integrated Faecal Sludge Management Policy (IFSMS in W.B)

Sir/Madam,

With reference to the above subject matter, I am directed to forward herewith a copy of the MOM dated 16.11.2021 for your kind perusal and taking necessary action.

This may be treated as extremely urgent.

Encl: As Stated Above

Yours faithfully,


Joint Secretary

&

Member Convener of the Committee

No. 96/1(Law)UDMA-24011(99)/66/2021

Dated: Kolkata, the 23rd November, 2021

Copy forwarded for information to:

1. Sr. P.S. to Principal Secretary, UD & MA Department.


Joint Secretary

&

Member Convener of the Committee

Minutes of the 2nd Meeting of Committee Constituted for drafting policy on Integrated Faecal Sludge Management Policy(IFSMS in W.B

Date: 16th, November, 2021

Time: 3.00 PM

Venue: Conference Hall, Nagarayan 6th floor.

List of Participants Present in the Meeting: Annexure-I


The meeting was chaired by the Chief Executive Officer, KMDA & PD, and WBSPMG. She welcomed all the dignitaries and initiated the discussion.

Decision:

1. The Committee has decided that Prof. Partha Ghosal, Expert Member & Special Invitee shall prepare a standard low cost model of FSTP.
2. This Committee has decided to form two sub-Committee as under:
 - a) The first sub-Committee headed by Prof. Majumder will work out the STPs operating with under loading capacity and subsequent zoning of the peripheral ULBs so that sludge from these ULBs can be emptied into the STP, this will ensure full capacity utilization.
 - b) Another sub-Committee headed by Prof. Partha Ghosal will draw and design customized low cost FSTPs for the ULBs.
 - c) Both the committees will have nodal engineers from GAP sector, KMDA, MED, PHE, SLRDC and KMC & the contact details of nodal officer of all executing Agencies will be enlisted and shared.
3. The Department. of UD&MA would place the convergence proposal for Namami Gange Schemes with AMRUT and SBM – II. Before HMOS for administrative approval.
4. The committee will design one Standard SOP on safety protocols for Sanitary workers. Protection Kits containing PPE Kit, Gumboot and other items would be immediately provided to them.
5. Zoning of all ULBs with population of less than one lakh may be considered under cluster approach for construction of FSTPs.

6. A city sanitization Action Plan initially for five Towns including Rajarhat and Newtown will be prepared within one month.
7. A Standard model for transportation of sludge may be designed by SUDA.
8. **The next date of the meeting will be intimated in due time..**

The meeting ended with thanks from the end of Chairman.



(.....)

Chief Executive officer, KMDA& PD WBSPMG

Annexure-I

List of Participants Present in the Meeting

Sl. No.	Name and Designation	Signature
1.	CEO KMDA & PD WBSPMG	Sd/-
2.	Additional Secretary, Environment Department, Gov. of WB	Sd/-
3.	Joint Secretary (NG), Department of UD & MA, & APD WBSPMG	Sd/-
4.	Director SUDA	Sd/-
5.	Joint Secretary (J.C), Department of UD & MA	Sd/-
6.	K.Das Secretary MED.	Sd/-
7.	Prof Arunabha Majumdar, Ex-Director & Professor All India Institute of Hygiene & Public Health, Govt. of India.	Sd/-
8.	Sri T.K.Gupta, Chief Technical Advisor, WBPCB.	Sd/-
9.	Prantik Roy, Chief Engineer, GAP Sector, KMDA	Sd/-
10.	Sukdeb Das, Senior Law Officer, Department of UD & MA	Sd/-
11.	M. Rahaman, Executive Engineer, MED	Sd/-
12.	Assistant Engineer, MED	Sd/-
13.	A. Jana, PHE ,WBSPMG	Sd/-
14.	Prof. Partha Ghosal IIT, Kharagpur	Sd/-(virtually attend)
15.	Environment Specialist, WBSPMG	Sd/-

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

Minutes of the 5th meeting of the State Ganga Rejuvenation, Protection and Management Committee (State Ganga Committee), West Bengal under the Chairmanship of Chief Secretary, Government of West Bengal and Ex-officio Chairperson of the State Ganga Committee.

Held on: 19th November, 2021 at 11:00 A.M.

Venue: Nabanna, 13th Floor

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

Agenda-1: Confirmation of proceeding of the 4th SGC meeting of WBSPMG under erstwhile NGRBA setup held on 9th November 2020

The minutes of the 4th State Ganga Committee meeting held on 9th November 2020 were read out and approved.

The decision taken in 4th State Ganga Committee Meeting (SGC) under NGRBA framework were taken up for discussion point wise and the related progress was reviewed.

Agenda-2: Adoption of annual accounts of WBSPMG for the year ended 2020 - 21

The audited Annual Accounts for the year 2020 - 21 was placed before the house for perusal which has been approved and adopted. WBSPMG was advised to take consequent actions like inviting Pr.A.G.(G & SSA) for Transaction and Accounts Audit, Statement of Expenditure Audit for World Bank financed Projects and observed other relevant statutory compliance subsequent to adoption of accounts.

Agenda - 3: Review of 23 STP projects being implemented in the State of West Bengal under NMCG program

The Program Director, WBSPMG informed the committee that three projects at Bhatpara, Kalyani and Gayeshpur have been completed and operation and maintenance is going on.

Three projects at Halisahar, Barrackpore and Budge Budge having 4 STPs (Barrackpore has 2 STPs) have been commissioned and all will be going to Operation and Maintenance (O & M) phase shortly.



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The Program director pointed out that the work at Nabadwip STP project is expected to be completed in December, 2021 and that of Kanchrapara by March, 2022

Working on other projects are under different stages of progress and are going on as per schedule and is expected to be completed by maintaining the respective time schedule of the projects.

Status of the completed was reviewed and it is decided to complete the House to House connection as early as possible.

Agenda - 4

It was informed by the Program Director, WBSPMG that the NG - I phase under NMCG program is near completion. Further work will be taken up under NG - II under NMCG program to bridge the in-treatment capacity gap. Towards this direction, NMCG has also sanctioned funds for preparation of 11 DPRs for different Ganga Towns.

In order to fully utilize the installed capacities of the completed and commissioned STP projects and for integrated Faecal Sludge Management in West Bengal, Principal Secretary, UD & MA Department has constituted a Committee. The committee is expected to submit draft report shortly.

Chief Secretary has instructed the committee members to take a visit to Chhatisgarh and Navi Mumbai to gather knowledge on modus operandi of such facilities existing and in operation there.

Chief Secretary instructed to ensure a smooth convergence of Namami Gange Scheme with SBM II. The City action Plan for all the cities and ULBs covering Sewage and Septage Management is to be prepared and submitted by 31.01.2022. SUDA has been instructed accordingly.

Chief Secretary has instructed the concerned Engineers of the Executing Agencies to visit Haridwar, Lucknow and other cities where Multi storied structures have been created for STPs. so that the same model may be replicated in West Bengal where there is paucity of land.

Agenda-5: Review of status of the River Ghat Development projects

Chief Secretary emphasized on construction of Electric Crematoriums in all the District to ensure ecofriendly and pollution free cremation.



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Agenda-6: Ratification of extension of service of contractual employees/ officers

The matter of engagement of contractual officials and ratification of extension of service on contractual employment as mentioned on the agenda is ratified.

Agenda - 7: Strengthening of WBSPMG with requisite man power.

It was pointed out by WBSPMG that over the years the work of WBSPMG has increased many folds and in fact it is running with even less than minimum Officials required. Thus, for smooth functioning of the unit, a proposal came to strengthen it with the adequate man power by following appropriate rules and norms to which Chief Secretary has kindly consented. WBSPMG will work out the requirement and place it before NMCG for approval.

Agenda-8: Review of "Forestry Intervention to Clean Ganga (FIG)" project under execution responsibility of State Forest Department

The Forest Department narrated their projects under execution through their own presentation for information to all the members present and the ACS Forest Department desired to make their presentation as a part of the minutes. Presentation is annexed herewith as Annexure - II

Agenda-9: Strengthening of laboratories of West Bengal

The status report in connection with Strengthening of laboratories in West Bengal was explained by ACS, Environment Department to the committee.

Agenda-11: Status of Bio-diversity by Wildlife Institute of India (WII)

Committee was appraised with the status of Bio-Diversity interventions taken up in the State. Chief Secretary desired to have a better progress graph for all the sanctioned Projects by 31.03.2022.

Agenda - 12: Miscellaneous:

During execution of 3 EAP projects at Barrackpore, Halisahar and Budge Budge additional cost over and above the Contract Cost incurred. The matter was sent to the NMCG and after

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examination they have issued Revised Sanction and agreed to share the GST loading. A proposal under the signature of Principal Secretary, UD & MA department, Government of West Bengal has been submitted with the NMCG to kindly reconsider to share the balance of additional cost incurred towards labour cost, utility shifting etc. which were essential for the completion of the project.

Reply is expected shortly.

Meeting ended with thanks to and from the Chair.



**Chief Secretary
Government of West Bengal**

**&
Chairperson, State Ganga Committee, WBSPMG**