

NANDINI GHOSH, IAS
Joint Secretary



**DEPARTMENT OF URBAN
DEVELOPMENT & MUNICIPAL
AFFAIRS**
GOVERNMENT OF WEST BENGAL
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Memo No.137-JS (NG)

Date: 21.10.2021

To,
Shri D.P. Mathuria
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 June 2021 to August 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. 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.	Report on 34 Polluted Drains	III
6.	Report from SUDA on SWM	IV
7.	Site Inspection Report from KMDA	V
8.	Minutes of Meeting held with HMOS	A
9.	Minutes of Meeting held at Garulia	B
10.	Photographs of Cleaning of Solid Waste and floating garbages from Tolly Nullah	C
11.	Report on Joint Inspection at Tolly Nullah	D
12.	Photographs of 18 MLD STP at Barrackpore	E
13.	Approval of NMCG for preparation of DPRs for 11 Towns	F

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,

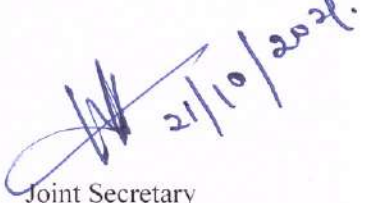

Nodal Officer to NMCG and CPCB

Memo No. 137/1(20)-JS (NG)

Date: 21.10.2021.

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. Ashok Kr Singh Executive Director, National Mission for Clean Ganga, Ministry of Jal Shakti, GOI, 1st Floor, Major Dhyan Chand National Stadium, India Gate, New Delhi-110002.
6. 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.
7. The Chief Executive Officer, Kolkata Metropolitan Development Authority & The Programme Director, SPMG, Unnayan Bhavan, Sector-II, Salt Lake, Kolkata- 700091.
8. Additional Secretary, Department of Environment, Pranisampad Bhavan, 5th Floor, LB-2, Sector-III, Salt Lake, Kolkata-700106.
9. Special Secretary & Chairman, LWM Committee, Department of UD & MA.
10. Director SUDA, HB-305, AB Rd, HC Block, Sector III, Bidhannagar, Kolkata, West Bengal 700106.
11. Additional Project Director, SPMG, Unnayan Bhavan, Sector-II, Salt Lake, Kolkata- 700091.
12. Director General, Tolly Nullah, 5, S.N. Banerjee Road, Kolkata-7000013.
13. Chief Engineer, GAP Sector, Unnayan Bhavan, Sector-II, Salt Lake, Kolkata- 700091.
14. Secretary, MED, Bikash Bhavan, Salt Lake, Kolkata-700091.
15. Chief Engineer, PHE, Department of Public Health Engineering, New Secretariat Building, 7th Floor, 1, K.S. Roy Road, Kolkata-700001.
16. 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
17. Senior Law Officer, UD & MA Department with a request to kindly forward a copy of the Report Ld AOR for her kind noting.
18. IT Department, UD & MA for uploading the Report in the NGT portal of our Website.
19. OSD to Municipal Commissioner, Kolkata Municipal Corporation, 5, S.N. Banerjee Road, Kolkata-7000013
20. Senior PA to Principal Secretary, UD & MA Department.


21/10/2021.

Joint Secretary
&

Nodal Officer to NMCG and CPCB

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

Main Report

Quarterly progress (June 2021, July 2021 and August 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,PHE	Action points for STPs are separately considered in Annexure II	As per order of Hon'ble NGT vide OA No 593/2017 & OA No 148/2016 dated 21.5.20 revised time line for all action points are under review and active consideration. For details, pls refer to Annexure -II.	Annexure II	Annexure II	Annexure II
2	KMDA,KMC	Presently in-situ treatment work is completed at Jangipur drain and in future it will be tapped in the ongoing Baharampore - Jangipur Interception & Diversion with STP Project.	As per order of Hon'ble NGT vide OA No 593/2017 & OA No 148/2016 dated 21.5.20 revised time line for all action points are under review and active consideration. For details, pls refer to Annexure - II.	pls refer to Annexure-II	NA	pls refer to Annexure-II
3		Details of 56 drains are enclosed as Annexure-III	As per order of Hon'ble NGT vide OA No 593/2017 & OA No 148/2016 dated 21.5.20 revised time line for all action points are under review and active consideration. For details, pls refer to Annexure - III, and IV.	Annexure - III	Annexure - III	Annexure - III
4		Demarcation of Flood Plain Zone			A Report has been received from the Environment Department in this regard on 28.06.2021. The Report has been prepared by Department of Geogrpahy, Univeristy of Calcutta. Both the Environment Department and UD & MA Department are going through the Report, post which appropriate actions will be taken.	NA
5	Irrigation & Waterways Department	Protection and management of flood plain zones (FPZ)				NA
		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.	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 Bhabkunja Ashram undre Ward no. 4 of Baranagar municipality in P.S. Baranagar, District North 24 Parganas.	31.03.2021	33% physical progress achieved.	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 order issued. Work will start after monsoon.	Dec-21	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	31.03.2022	85% physical progress achieved. Progress was hampered for the last 3 months due to monsoon.	NA	NA	

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[1]	[2]	[3]	[4]	[5]	[6]	[7]
10		South 24 Parganas - Protection of Hooghly left embankment with Brick Block Pitching for a length of 250 M at Kanchantala Shasan Ghat kali Mandir within Ward No 140 of KMC in P.S - Nadial , Dist-South 24 Parganas	31.03.2022	Work order issued. Work will start after monsoon.	Dec-21	All out effort has been laid to complete in revised target.
11		Howrah - Protection to right embankment of Hooghly River at the confluence of Chapa Khal for a length of 210 m at Kalinagar in Block Uluberia -I, P.S. Uluberia, District Howrah.	31.12.2020	Completed	NA	NA
12		Howrah - Protection to right embankment of Hooghly River at Tetikhola for a length of 150 m in Block Shyampur-I, P.S Shyampur, District Howrah.	31.12.2020	Completed	NA	NA
13		Howrah - Protection to right embankment of Hooghly River at the confluence of Gouriganga Khal at Chalkashi for a length of 240 m in Block Uluberia-I, PS Uluberia, District Howrah.	31.12.2020	Completed	NA	NA
14		Howrah - Protection of Hooghly right embankment for a length of 300 m at Sirishtala, Gadiara, in Block Shyampur-I, P.S Shyampur, District Howrah.	31.12.2020	Completed	NA	NA
15		Maintaining minimum environmental flow of river.	The river is a perennial river. The environmental flow is maintained through the release from the Farakka Barrage throughout the year.			
16	West Bengal State Pollution Control Board (WBPCB)	Preventing discharge of Industrial effluents in Ganga and its tributaries/ drains by ensuring installation of proper functioning of ETPs/CETPs	There are 41 Grossly Polluting Industries along Ganga (total 54 in the State) in the state of West Bengal. Total water consumption is 110 KLD (approx.) and total waste water generation is 88.40MLD (approx.) for 41 GPIs. All the 41 GPIs have Effluent Treatment Plant (ETP) in place and are under regular surveillance of the State Board including monitored through Online Continuous effluent Monitoring System (OCEMS).			
17		Taking action against polluters by way of recovering compensation for restoration of the damage to the environment				
18	WRIDD(SWID)	Steps for conservation of groundwater particularly with reference to critical, semi critical or over exploited areas	Ground water conservation through rainwater harvesting and Artificial Recharge to GW		Targets achieved for 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.			

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[1]	[2]	[3]	[4]		[5]	[6]	[7]
		Activities	District	Work done so far	Targets to be achieved within March' 22		
19	P&RD	Restoration of water bodies.	South 24 Parganas	83	39		
		Vetiver Plantation		3 KM	3 KM		
		Rooftop Rain water harvesting		4	4		
		Bio-diversity Park		4	4		
		Restoration of water bodies. (in Hec)	Murshidabad	20.4	57.85		
		Vetiver Plantation (in Km)		4.9	11.1		
		Rooftop Rain water harvesting (in Nos.)		0	0		
		Bio-diversity Park (in Nos.)		0	0		
		Restoration of water bodies.	Hooghly	41	8		
		Vetiver Plantation		22	5		
		Rooftop Rain water harvesting		8	1		
		Bio-diversity Park		11	2		
		Restoration of water bodies.	Malda	13	39		
		Vetiver Plantation		0	0		
		Rooftop Rain water harvesting		0	0		
		Bio-diversity Park		0	1		
		Restoration of water bodies.	Howrah	286	447		
		Vetiver Plantation		0	0		
		Rooftop Rain water harvesting		0	0		
		Bio-diversity Park		0	0		
		Restoration of water bodies.	Purba Bardhaman	21	24		
		Vetiver Plantation		30	44		
		Rooftop Rain water harvesting		0	0		
		Bio-diversity Park		3	3		
		Restoration of water bodies.	Nadia	40	7		
		Vetiver Plantation		10.5	17		
		Rooftop Rain water harvesting		0	0		
		Bio-diversity Park		3	3		

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[1]	[2]	[3]	[4]		[5]	[6]	[7]
20		Liquid Waste Management					
21	State Water Investigation Department (SWID)	Restoration of water bodies	Restoration of water bodies for rainwater harvesting		Target achieved		ater 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			
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.		<ul style="list-style-type: none"> State Government has taken up a pilot project of re-use of waste water generated from 21 MLD STP with 2 units located at Kalyani, which will be re-used. KMDA is preparing DPR in house for reusing the treated water for cleaning of Stadium, Gardening & use by Kalyani Krishi Viswa Vidyalaya. The DPRs are in progress & would be finalized soon. <p>Action by KMC :</p> <ul style="list-style-type: none"> KMC has mandated re-use of waste water for buildings with more than built-up area of 20000 sqm, in their Building Rules. As per Rule no 145 of KMC Building Rules, 2009, waste water recycling system has been incorporated in 25 buildings and house complexes exceeding 20000 sq.metre as per Environmental Impact Assessment Guideline issued by the State Govt./Govt. of India. <p>It has been decided by the highest authority of Department of UD & MA to construct atleast one FSIP in each districts of WB. Accordingly it has constituted a high level Committee for the purpose of drafting a Policy for construction of customised FSIP in each districts. The Committee will submit its Report with in 15 working days. It is pertinent to mention herer, the State is already running 30KLD FSIP at South Dum DUM under supervision of KMDA. The construction of two more FSIPs one at North</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 Sahoj Path" in Bengali, Hindi ("Kachra Prabandha ka Sahaj Path") and English("SOLID WASTE MANAGEMENT : A PRIMER") versions published and circulated widely.</p> <p>i) Capacity building training of the rag pickers have commenced and to be completed shortly.</p>		
26	UDMA	Regulating activities on an around river Ganga including Ghats and other establishments	<p>Recently NMCG approved Ghat development work in the following municipal towns along the bank of river Ganga.</p> <p style="text-align: center;">Katwa Kalna Agradwip Dainhat and Garulia Construction of Crematoriums.</p>		The action taken so far and target achieved is in Annexure -IA. 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 Haliahar 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, Haliahar 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- Main Report

Monitoring and Supervision of Pollution Abatement Measures taken in River Ganga

The Department of UD & MA is closely monitoring the work of pollution abatement in river Ganga with due care and concern. Review Meetings are being held by the highest authorities at every month to ensure timely completion of each project. One such Review Meeting has been held under the Chairmanship of HMOS on 17.08.2021 (Minutes enclosed in **Annexure- A, HMOS.**)The Department has closely reviewed some of the long pending Projects on river Ganga, the updated Status of which is given below:

❖ Hooghly -Chinsurah I&D and STP Project:

Name of the Project: Development of Interception and Diversion Network and STP with Waste Water Treatment Facility on a “Design-Build-Operation-Transfer” (DBOT) Model for Hooghly – Chinsurah Municipal Area in Hooghly District, West Bengal with 15 Years Operation & Maintenance Period under NamamiGange Programme.

Project Cost: Rs. 154.73 Crores.

- The Administrative Approval & Expenditure Sanction (AA &ES) from NMCG vide memo no. F. No. T-15/2013-14/354/NMCG Dated 28th May, 2020.
- A draft ‘e’-NIT and Bid Document had been prepared and sent to NMCG for their observations on 13th October, 2020.
- After reviewing the draft NIT & Bid document, NMCG has made some observations and approved the same on 13.11.2020
- Final ‘e’-NIT both abridged and detailed after incorporation of the observations from NMCG have been prepared and invitation of e-tender vide newspaper publication and vide assigned web portal on 23.11.2020.
- Due to non-availability of land, the tender was extended in 3 times and the last date of bid submission was 17.02.2021.
- The Department has already found out an alternative land for this STP project at Taldanga. The site has around 60 trees which have been uprooted and planting of saplings is under process. In the meanwhile,

KMDA has floated fresh tenders. Nine bidders participated; Technical Bid Evaluation is in progress post which LOI will be issued soon.

❖ **Tolly Nullah**

* Tender was Published 1st time on 27th Apr 2018 in HAM PPP model.

*Again keeping in view the failure of 1st time Tender the Bid document was amended time and again for 14 times up to 10/12/2020, as per the directives of NMCG, upon request on behalf of the prospective bidders, so as to make the Bid Successful. And finally the Bid was opened on 10/12/2020 with single Bid i.e. by “EMS-TCPL-VVIP JV”

***The final Technical Bid Evaluation Report has been submitted to the World Bank along with the observation of NMCG on 25.08.2021. The Bank has given NOC for opening up of financial bid. Accordingly Financial Bid has been opened, and the Bid evaluation is under process. In the meanwhile the, the Bid validity has been extended up to 28.10.2021 by World Bank.**

*As interim measures, the following activities have been under taken by KMC in Tolly's Nullah from the State fund of GoWB:

Interim measures taken up by K.M.C.

- ❖ KMC has constructed 77 nos. of Community Sanitary Latrines, demolishing the make shift toilets amounting to an expenditure of approximately Rs. 87 lakhs.
- ❖ All the khatalas along the banks of Tolly's Nullah (Adi-Ganga) have been evicted.
- ❖ KMC has carried out temporary Fencing at vulnerable places of Br. X, Br. XI for about 2km for restricting the access towards the Bank of Tolly's (Adi-Ganga) Nullah resulting in minimizing the solid wastes being dumped directly to the Nullah, amounting to an expenditure of around 15 lakhs.
- ❖ KMC is carrying out cleaning of floating garbage on regular basis by installing 10 nos. of floating garbage arrester.
- ❖ KMC has installed 04 nos. of organic Composter as follows:
 - Ward no. 114, Kudghat bazar
 - Ward no.115, near karunamoyee Temple, kudghat
 - Ward no. 82, near Chetla Bridge
 - Wardno. 73, Balaram Bose Ghat
- ❖ KMC has carried out Awareness Campaigns on Regular basis.It has placed the Banner in Bengali language across the major Ghats of Tolly's Nullah (Adi-Ganga) to make the people aware.(Photographs in **Annexure-C**)

- ❖ KMC has carried out urgent re excavation/dredging at most polluted stretch of the upstream of Tolly's Nullah (Adi-Ganga) i.e. nearly 4.6 km, amounting to an expenditure of approximately Rs.1.3 crores.
 - ❖ It has already prepared estimate for Dredging of Tolly's Nullah (Adi-Ganga) from confluence point of Ganga to Chetla Bridge, amounting to Rs11.16 cr .The Tender has been opened & 4 Bidders participated, Technical Bid Evaluation is going on. Finance Department has given AAFS for this work in a phased manner for three years. Work Order for dredging this stretch is going to be issued soon.
 - ❖ It has engaged one Consultant for preparation of DPR for "Detail Survey for Dredging and to ascertain proposed beautification of Tolly's Nullah (Adi Ganga) of length about 15.5 km and preparation of DPR". The work order for which has been issued on 08/02/2021 and the Report is expected to be submitted soon.
- **The Department of UD & MA has constituted an Internal Committee for Tolly Nullah to monitor different pollution abatement work going on there. The first meeting of the Committee was held on 31st March 2021 under the Chairmanship of Principal Secretary UD &MA. The meeting was attended by all the stakeholder Departments-KMC, KMDA Bridge wing, Metro Rail, KPT, Environment Department, WBPCB, Irrigation Department, L&LR Department, and the Legal Cell of all concerned Departments. The Committee visited the stretch of Tolly Nullah from Dhalai Bidge to Kudghat Metro to ascertain its health on 2nd July 2021. Many important times bound decisions were taken and are being executed. Please refer to Annexure- D Report on Joint Inspection at Tolly Nullah and Annexure-C.**

❖ **Rehabilitation of Keorapukur& Garden Reach STP:**

NMCG has sanctioned the project on 05.03.2018 amounting to Rs. 165.16 Crores. State Government is revising the scope. KMC, the Executing Agency for 'Condition Assessment' of the STP of Keorapukur and Garden Reach has deployed one Agency. The Agency has submitted the Assessment Report along with DPR showing the revised cost at Rs. 250 crores. Proposal for granting permission for switching over of the Project from HAM model to DBOT model along with the DPR has already been sent to NMCG on 23.04.2021 for their consideration . NMCG has given some observations regarding the Project and the replies have already been sent to NMCG for their consideration on 8.09.2021.

❖ **Faecal Sludge and Septage Management:**

West Bengal is already having a Septage Management Plant, details of which are given as under:

Integrated Septage Treatment Plant for South Dumdum within Promodnagar Colony.

Capacity of the Plant	: -	30 KLD (Commissioned)
Construction area	: -	0.562 Acre
Area served	: -	13.54 KM ²
No of ward served	: -	35 Nos
Population served	: -	4, 10,524 (2011 Census)

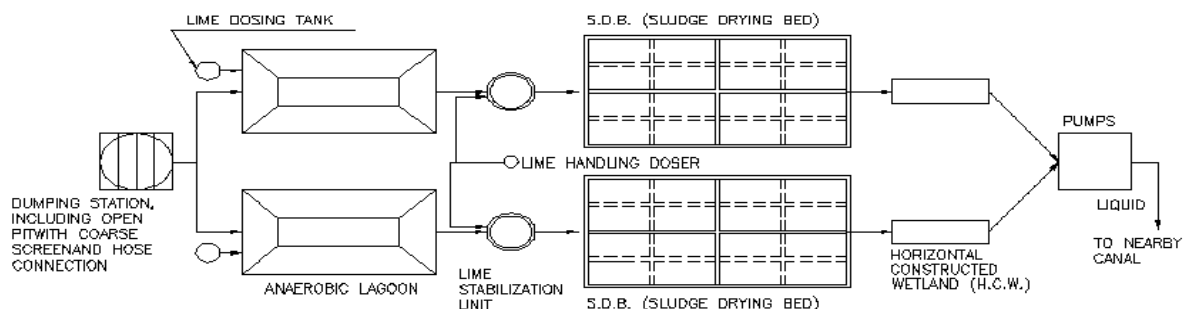
Components:-

1. Construction of 30 KLD Septage Treatment Plant.
2. Augmentation & Refurbishment of existing Cesspool/Night soil chamber.
3. Construction of approach road.
4. Supply of Cesspool.

Process of Septage Treatment Plant:-

1. The night soil of the municipal area is collected from house to house night soil chamber by cesspool & brought to the treatment plant & dumped in the Dumping Station which then passes through to the Anaerobic Lagoon to the Lime Stabilization unit. After lime stabilization the matter is sent to the Sludge drying bed. The controlled effluent is sent to the outlet for final discharge.

The flow diagram of STP is as follows:



- ✓ **Another 30KLD Septage treatment plant for North Dum Dum and Baranagar Municipalities is under constructional stage.**
- ✓ **DPR for construction of FSTPs in Burdwan fallinfg under Ganga basin have been internally prepared by KMDA and have already been sent to NMCG for approval.**

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

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

❖ **Information on Ganga Ghats:**

- 643 no of Ganga Ghats have been identified by KMDA, SUDA and respective ULBs.

Accordingly, every effort has been made for cleaning and proper maintenance of Ghat.

- 100% daily sweeping of all river ghats ensured

Community bins have been placed in all ghats (two in each ghat – green for

- Biodegradable waste and blue for non biodegradable waste)
- Anti-littering messages have been displayed in each ghat.
- Public Toilets constructed at river ghats.
- Extensive IEC activities undertaken – leaflets, posters, banners have been widely circulated by ULBs and announcements are done frequently.
- A primer on solid waste management namely Borjo Babastha ponar Sahajpath had been published by UD & MA department and widely circulated in Ganga Towns
- Regular inspection by Engineers at different Ganga Ghats has been done to ensure cleanliness and compliance of Hon'ble NGT directions
- Out of 43 Ganga Towns, 40 have been declared ODF already. This has minimized the possibility of Open Defecation near the Ghats.

❖ **Mechanism of Online monitoring**

* As per the mandate of Hon'ble NGT, OCEMS are to be installed in all the STPs of the State. To expedite the matter, Department of UD & MA has constituted a Technical Committee for speedy and smooth installation of OCEMS under the Chairmanship of CEO KMDA vide Order no-574-UD-KMDA-33099-1-2021-EM dated 23.02.2021. The committee would henceforth look after this matter and would update UD & MA from time to time regarding the progress. The Committee is represented by the Officials of KMDA, KMC and MED.

* KMDA has invited 2nd call and two bidders qualified. Technical bid evaluation is complete and financial bid evaluation is going on.

❖ **Inspection at newly built Ghats along River Ganga at Garulia.**

A Joint Inspection cum Meeting was held at Garulia by Joint Secretary LWM Cell on 27.07.2021. It was decided that EPIL would construct Toilet and Change room in the ghats and finish the remaining work of balance two ghat at an early date so that the same may be handed over to the Municipality by August 2021. The MOM and the Photographs are enclosed in **Annexure B, MOM Garulia.**

Use of Mobile App.

* WBPCB has developed a mobile app – ‘Paribesh’ which gives realtime water quality data of the polluted river stretches in WB, which is now being widely used and corrective measures are being taken accordingly.

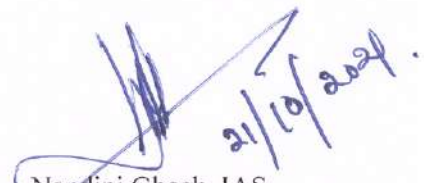
* CPCB has developed a mobile app ‘STP Monitoring app’ where the static and dynamic data of all the STPs are getting digitised. So far **12** STPs have been digitised through this app.

Special Mentions:

1. ***NMCG has given ‘In-Principle’ approval for preparation of DPRs for 11 towns covering some major polluted drains on 16.09.2021. KMDA has already taken necessary steps for preparation of DPRs accordingly. NMCG has also sanctioned an amount of Rs. 90.05 Lakhs for this purpose. (Refer, Annexure-F)***
2. ***AAFS has been given by the Department of UD & MA for Renovation and Rejuvenation of Pumping Stations of STP of Jiaganj-Azimganj on 14.06.2021 for Rs.225.4848 Lakhs. E tender has already been floated by the Municipality. Tender has been matured and work order has been given under UID SSMT mode.***
3. ***STP of Budge Budge, Haliahahar, Barrackpore, are successfully completing their ‘Trial Run’. Please refer to Annexure-E for Photographs of Barrackpore STP.***
4. ***STPs at Nabadwip and Kanchrapara is on the verge of completion and is expected to start its Trial Run from December 2021.***
5. ***Department of UD & MA has received a Report on demarcation of Flood Plain Zone of West Bengal on 28th June 2021 from the Department of Environment and WBPCB. The report has been prepared by the Department of Geography, University of Calcutta. Actions will be taken after thorough study and review of the report.***

OCEMS

Department of UD & MA has constituted a Committee vide order No. 574-UD-KMDA-33099-1-2021-EM dated 23.02.2021 under the Chairmanship of CEO KMDA for speedy and smooth implementation of this work. KMDA has been designated as the Nodal Agency for this purpose. It will invite an evaluate Tender on behalf of KMC and MED. KMDA has invited Tenders and two Bidders qualified the tender. Technical Bid evaluation is going on. Financial Bid will be opened soon.


Nandini Ghosh, IAS
Joint Secretary,
Department of UD & MA

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

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 (June 2021, July 2021 and August 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 31.08.2021 is 96.65%. (Operation & Maintenance started for STP)</p> <p>STP-100.00%, Network-99.20% (as per present scope), Pumping Stations-95.00%</p> <p>Details of the work completed-</p> <p>1] Supplying & laying DWC HDPE Pipe (150 mm to 250 mm) - 178.985 KM</p> <p>2]Supplying & laying RCC (NP-3) and HDPE pipe (300 mm to 1000 mm) - 17.766 KM</p> <p>3]Brick Masonry Rectangular Manhole - 5724 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>	Due to Nation wide lockdown for COVID-19 pandemic, work suffered for 3 (three) months, The work will be completed by 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]
5		Sewerage System and STP at Budge Budge Municipality	1	<p>Overall physical progress achieved as on 31.08.2021 is 96.00%.</p> <p>STP-100%, Network-99%, Pumping Stations-91.00%</p> <p>Details of the work completed-</p> <p>1] TOTAL FOR HDPE PIPELINE - 74.606 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 - 0.8772KM out of 1.095 KM.</p> <p>4] LIFTING STATIONS (Excluding LS-7) - Civil-100% and E&M - 78%.</p> <p>LS-7:- Already Land Handed over and work alreadystarted from 30.11.2020, work in progress.</p> <p>5] HDD- 12.332 KM out of 12.93 KM.</p>	<p>Due to Nation wide lockdown for COVID-19 pandemic, work suffered for 3 (three) months, The work will be completed by December, 2021</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]
6		Sewerage System and STP at Barrackpore Municipality	2	<p>Overall physical progress achieved as on 31.08.2021 is 94.3%. (O&M of STPs Started) STP-100%, Network - 96%, Pumping Stations-94%</p> <p>Details of the work completed-</p> <p>STP-18 MLD - 100% STP-6 MLD- 100% HDP DWC pipe -99% RCC pipe -88% Manhole - 98 %, L.S-8- 100% completed, MPS-2 : 100% completed. HDD method -91 % DI- 65%</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. N.B.: Due to lockdown for COVID-19 pandemic (2 ND WAVE) , there may be a delay in project completion .</p>	Sewerage system & STP will be commissioned by March , 2022	
7		Pollution Abatement Work for River Ganga at Nabadwip under NGP Scheme	1	<p>Overall physical progress achieved as on 31.08.2021 is 85%. Details of the work completed-</p> <p>1] Construction of a new 9.5 MLD capacity STP- 82% ,installation of cranes and machinaries are in progress. 2] Renovation of existing 10.50 MLD capacity STP-100% Completed and operational. 3] Diversion pipe line from I&D structure to manholes (432 m) - 92% 4] Existing pipeline cleaning (3000 m) - 100% Complete. 5] 600 mm dia pipe laying (3540 m) - Laying of 450 m m dia. of 550m completed 6] Drain repairing (20821 m) -Completed 7] Renovation of existing MPS 1 no - Completed 8] Renovation of existing lifting station 2 no- Completed 9] Construction of new MPS -S-80% completed,installation of cranes and machinaries are in progress.</p> <p>LOI issued: 07.03.2019</p>	December, 2021	

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]
8	Authority (KMDA)	Pollution Abatement Works for River Ganga at Howrah under HAM	1	Overall physical progress as on 31.08.2021: As per the terms and conditions laid down in the said LOA and in the referred Agreement the effective date is declared 08.03.2021 by the NMCG for this HAM project with 15 years O&M. Process Design has been approved by the IIT Kharagpur and all the 1st Phase Engineering Design & Drawing has also been approved. The Phase-II Design & Drawing is under the purview of IIT Kharagpur and Project Engineer Royal Haskoning DHV Pvt. Ltd. The Agency M/s. Ganga STP Project Private Limited has just Started the Mobilisation Work. Layout is completed. 1.Pilling work is in progress (Total 521 nos of piles are completed).	Proposed time line: September 2023	
9		Pollution Abatement Works for River Ganga at Bally under HAM	1	Overall physical progress as on 31.08.2021: As per the terms and conditions laid down in the said LOA and in the referred Agreement the effective date is declared 08.03.2021 by the NMCG for this HAM project with 15 years O&M. Process Design has been approved by the IIT Kharagpur and all the 1st Phase Engineering Design & Drawing has also been approved. The Phase-II Design & Drawing is under the purview of IIT Kharagpur and Project Engineer Royal Haskoning DHV Pvt. Ltd. The Agency M/s. Ganga STP Project Private 1. Filling of land is under progress (90% completed). 2. Construction of site office is started.		
10		Pollution Abatement Work for River Ganga at Kamarhati & Baranagar under HAM	1	Overall physical progress as on 31.08.2021: As per the terms and conditions laid down in the said LOA and in the referred Agreement the effective date is declared 08.03.2021 by the NMCG for this HAM project with 15 years O&M. Process Design has been approved by the IIT Kharagpur and all the 1st Phase Engineering Design & Drawing has also been approved. The Phase-II Design & Drawing is under the purview of IIT Kharagpur and Project Engineer Royal Haskoning DHV Pvt. Ltd. The Agency M/s. Ganga STP Project Private Limited has just Started the Mobilisation Work. 1. Dismantling work is in progress (90% completed). 2.Pilling work is started. (Total 104 nos of piles are 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]
11	Kolkata Metropolitan Development Au	Pollution Abatement works for River Ganga at Kancharapara under DBOT	1	<p>Overall physical progress achieved as on 31.08.2021 is 54%.</p> <p>1] Renovation of existing sluice gate 3 nos - work in progress. 2] Renovation of existing MPS - 65% 3] Construction of inlet chamber with Bar screen and gate-80% 4] Laying of Pipeline -1.90 KM length of 600 mm dia pipe out of 2.5 KM executed till date. 5] Construction of 18 MLD capacity of STP - 58% 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 31.08.2021 : 3.38%</p> <p>Laying of HDPE(DWC) pipe of 405 m length done till date. The design work for setting up 3.5 MLD STP is under process. The land for setting up the STP has been identified and IDT is under process. The clearance for commencement of the work has been obtained to this end by the competent authority. 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>		

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>RAGHUNATHGANJ (5 MLD) Physical Progress upto 31.08.2021 : 9.90% Already 110 nos. of pile has been driven in connection with construction with the 5 MLD STP at Raghunathganj. Construction of MCC- Blower Room & Centrifuge House of STP is in progress. Construction of STP-19%. The design and vetting 1 No. of MPS is completed.</p> <p>JANGIPUR (8 MLD) Physical Progress upto 31.08.2021: 13.22% Already 154 nos. of Pile has been driven in connection with construction with the Jangipur 8 MLD STP. Construction of MCC- Blower Room & Centrifuge House of STP was in progress. Construction of STP-21%. The design and vetting 1 No. of MPS is completed.</p>	Proposed time line: May 2022	
14		Pollution Abatement Works for river Ganga at Hooghly Chinsurah	1	The fresh tender was invited on 02.08.2021.last date of Bid submission on 11.09.2021 and technical Bid will be opened on 13.09.2021.	Proposed time line: December 2022	
15		Pollution Abatement Works for river Ganga at Maheshtala Municipality	1	Partially design & drawing submitted. Identification of land for LS -2,3 & 4 is in progress with Behala BLRO.	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 31.08.2021 is 26.60%</p> <p>1.Repairing & renovation of STP-10.40%</p> <p>2.Repairing & renovation of Lifting station (2nos) &MPS (1 nos)-6.60 %</p> <p>3.Cleaning,Repairing & renovation of network- 62.80%</p> <p>Bhadreswar Overall physical progress as on 31.08.2021 is 21.60%</p> <p>1.Repairing & renovation of STP-15%</p> <p>2.Repairing & renovation of MPS (1nos)&Lifting station (1nos) -6.80%</p> <p>3.Cleaning,Repairing & renovation of network- 43%</p>	Proposed time line: January 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 31.08.2021 is 25%</p> <p>1.Repairing & renovation of STP-25%</p> <p>2.Repairing & renovation of MPS (1nos) and LS (2no.)-25%</p> <p>3.Cleaning,Repairing & renovation of network- 0%</p> <p>4. Repairing and renovation of Oxidation ponds alone with internal drains within S.T.P premiese is in progress-50%</p> <p>BANSBERIA: Partially functional and presently undergoing renovation to make it fully functional.Overall physical progress as on 31.08.2021 is 35%</p> <p>1.Repairing & renovation of STP-50%</p> <p>2.Repairing & renovation of MPS (1nos) -18%</p> <p>3.Cleaning,Repairing & renovation of network- 30%</p>	Proposed time line:January 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 needs to be shifted from the Rejuvenation category to Augmentation category and hence new DPR will be prepared by engaging consultant through e-tender. Already tender floated.The said tender is treated cancelled due to minimum technically qualified bid not received.The 2nd call will be shortly invited.	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	Partially functional and presently undergoing renovation to make it fully functional.Overall physical progress(Civil work)as on 31.08.2021:70% 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- 15%, 5. Road restoration work :- 30% Repairing & renovation of STP: 65%, Repairing & renovation of LS (4nos.) & MPS(1no):-90% , Cleaning,Repairing & renovation of network- 25%	Proposed time line: December 2021	
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 31.08.2021 Garulia Overall Physical Progress as on 31.08.2021 is : 83% comprising 1.Repairing & renovation of STP-85% 2.Repairing & renovation of MPS (1 nos) and LS (1 no.)-90% 3. Repairing & Rrenovation of network- 80% 4.Repairing & renovation of Diversion structure-85% Naihati (11.56-ASP) Non-functional and presently undergoing renovation to make it fully functional. Overall physical progress as on 31.08.2021 : 79% comprising 1.Repairing & renovation of STP-85% 2.Repairing & renovation of MPS (2nos)-90% 3.Repairing & renovation of network-50% 4.Repairing & renovation of Diversion structure-95% Naihati (6.50 WSP) Overall physical progress as on 31.08.2021 : 79% comprising 1.Repairing & renovation of STP-85% 2.Repairing & renovation of MPS (2nos)-90% 3.Repairing & renovation of network-50% 4.Repairing & renovation of Diversion structure-95% Panihati Overall physical progress as on 31.08.2021 : 61% comprising Repairing & renovation of STP-78% Repairing & renovation of MPS (1nos) and LS (3no.)-72% Repairing & renovation of network- 29%	Proposed time line: December, 2021 Proposed time line for Bandipur (Khardah):December 2021	

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	Final DPR already submitted to NMCG after Compliance of NMCG's obseravation.	DPR has been submitted to NMCG for approval.	
22	Kolkata Municipal Corporation (KMC)	Near WBSETCL, Joka - 45 MLD	1	Work in Progress. The project progress is as per schedule. Completion: March 2022	The construction is running as per schedule thus no revised timeline has been proposed.	
23		Bank Plot, M.G Road - 40 MLD	1			
24		Rajpur-Sonarapur, 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	Proposed under Municipal Waste Water Project Budgetary estimate is of about Rs. 1551.37 Crore. Due to non issuance of AA&ES and Fund, Executing Agency can not comply the orders of Hon'ble NGT.		
29		STP Near At Surinaam Ghat, Dhankheti Nikashir - 25 MLD	1			
30		STP Near Bhanga Khal, Gardenreach area - 35 MLD	1			
31		STPs at Garden Reach and Keorapurkur	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	Considered to be connected with the STP (18.60 MLD capacity) at Serampore in rejuvenation works under Hooghly district.	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
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

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
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		
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	65.0 MLD	March, 2021
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		
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)		

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
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 STPs 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
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
(b) Drains can not be connected to the STP									
36	2	Bhatpara Drain	22.871384 88.399027	Bhatpara	3.1 MLD				

Interception & Diversion status of 56 Drains falling in River Ganga

Sl.No	Sl. No. of CPCB List	Name of drain	Coordinates / Latitude & Longitude	City/Town of Confluence point	Flow of drain (MLD)	Proposed Methodology	Any STP operational/planned in the catchment area or likely diversion/interception of the drain to STP	STP Capacity in Tender (MLD)	Likely date of completion
37	7	Pratapnagar-Rajbari Drain	22.843929 88.378524	Bhatpara	2.6 MLD		Already been taken up by GAP sector KMDA		
38	9	Bhatpara-Open pucca drain	22.881233 88.410153	Bhatpara	35.3 MLD				
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	Champdani Ferry Ghat / Paolghat Drain	22.799760 88.349396	Hooghly	3.9 MLD		Tender Invited for preparation of DPR.		
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 for Preparation 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 for Preparation of DPR for Howrah added zone in I&D with STP.		
45	25	Dhopa Ghat Drain	22.953283 88.405553	Hooghly	0.1 MLD		Tender invited for preparation of DPR		
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		Tender invited for preparation of DPR		
50	31	DVC Canal	22.807225 88.351670	Champdani	353.6 MLD				
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		

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
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 forPreparation of DPR for Howrah added zone in I&D with STP		
55	52	BTPS 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 waste processing unit and O&M : Tender floated and Financial bid under evaluation for 31 ULBs, Agency engaged for 3 ULBs, Plant in operation^ (Krishnanagar).</p> <p>For legacy waste removal through bio mining: Out of 38 dumpsites at 33 ULBs, action has been taken at all dumpsites. Implementation at different stages is annexed.</p> <p>Till date 26.37 lakh household bins (green and blue colour) provided to these Ganga Towns and 11364 Community bins (green and blue colour) also provided</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: 42 ULBs, Gol 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=66244 nos (98%)</p> <p>IHHL Geo-tagging Completed-65731 nos</p>	
7	Inspection of Ghats	Report Annexed	

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 in progress	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 in progress	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	AA&FS Received and Lol 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
	Kolkata MC	Gardenreach under borough 15	150000	Yes	5	Under consideration	Tender Under Evaluation	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
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 floated for engagement of agency	SUDA
30	Bansberia	Ward no. 8 & 18	4,254	Yes	29	Under consideration	Tender Floated	SUDA
	Bansberia	Ward no. 22	3100	Yes	10	Under consideration	Tender Floated	SUDA
31	Howrah MC	Belgachia I, II	9,61,567	Yes	NA	Under Consideration	Tender Floated	HMC
	Howrah MC	Chandmari	11,655	Yes	NA	Under Consideration	Tender 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 floated : 1 (Bhadreswar)

C. Tender to be floated: 3 (Dhulian and two dumpsites at Bansberia)

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

A. Work Order to be issued soon : 1 (Dhapa)

B. Tender floated on 22.01.2021 : 1 (Gardenreach)

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

A. Tender Floated : 2

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)						Remarks
				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		Tender floated for compost plant for remaining waste.
2	Bansberia	103920	39	22	22	100%					39		DPR prepared. Tender floated for compost plant/ MRF/ SLF, Technical bid under evaluation
3	Baranagar	245213	145	34	34	100%		50	95		0		Agency engaged for establishment of compost plant/ MRF/ SLF
4	Barrackpore	152783	50	24	24	100%					50		DPR prepared. Tender floated for compost plant/ MRF/ SLF, Technical bid under evaluation
5	Berhampore	195223	90	28	28	100%					90		DPR prepared. Tender floated for compost plant/ MRF/ SLF, Technical bid under evaluation
6	Bhadreswar	101477	23	22	22	100%					23		DPR prepared. Tender floated for compost plant/ MRF/ SLF, Technical bid under evaluation
7	Bhatpara	383762	205	35	35	100%		95			110		95 TPD Windrow Compost Plant and SLF Under construction
8	Budge Budge	76837	37	20	18	90%					37		DPR prepared. Tender floated for compost plant/ MRF/ SLF, Technical bid under evaluation
9	Chakdah	95203	68	21	21	100%					68		DPR prepared. Tender floated for compost plant/ MRF/ SLF, Technical bid under evaluation
10	Champdany	111251	59	22	16	73%	20			39	0		Tender floated for compost plant for remaining waste, Technical bid under evaluation.
11	Chandannagore MC	166867	46	33	33	100%					46		DPR prepared. Tender floated for compost plant/ MRF/ SLF, Technical bid under evaluation
12	Dhulian	95706	45	21	21	100%					45		DPR prepared. Tender floated for compost plant/ MRF/ SLF, Technical bid under evaluation
13	Diamond Harbour	41802	18	16	12	75%					18		DPR prepared. Tender floated for compost plant/ MRF/ SLF, Technical bid under evaluation
14	Garulia	85336	45	21	21	100%					45		DPR prepared. Tender floated for compost plant/ MRF/ SLF, Technical bid under evaluation
15	Gayeshpur	58998	60	18	18	100%					60		DPR prepared. Tender floated for compost plant/ MRF/ SLF, Technical bid under evaluation
16	Haldia	200827	80	29	29	100%	65				15		65 TPD Waste Processing plant in operation.
17	Halisahar	124939	52	23	22	96%					52		DPR prepared. Tender floated for compost plant/ MRF/ SLF, Technical bid under evaluation
18	Hooghly Chinsurah	177259	75	30	30	100%					75		DPR prepared. Tender floated for compost plant/ MRF/ SLF, Technical bid under evaluation
19	Howrah MC	1077075	910	66	64	97%					910		DPR prepared
20	Jangipur	88165	40	21	21	100%					40		DPR prepared
21	Jiaganj-Azimganj	51790	21	17	15	88%					21		DPR prepared

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)						Remarks
				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	
22	Kalyani	100575	56	21	21	100%					56		DPR prepared. Tender floated for compost plant/ MRF/ SLF, Technical bid under evaluation
23	Kamarhati	330211	155	35	32	91%			155		0		Agency engaged for establishment of compost plant/ MRF/ SLF
24	Kanchrapara	120345	64	24	23	96%					64		DPR prepared. Tender floated for compost plant/ MRF/ SLF, Technical bid under evaluation
25	Katwa	81615	32	20	20	100%					32		DPR prepared
26	Khardah	108496	65	22	22	100%					65		DPR prepared. Tender floated for compost plant/ MRF/ SLF, Technical bid under evaluation
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			Tender floated for compost plant for remaining waste, Technical bid under evaluation.
29	Krishnanagar	153062	130	24	24	100%	70				60		130 TPD processing plant in operation
30	Maheshtala	448317	184	35	35	100%					184		DPR prepared. Tender floated for compost plant/ MRF/ SLF, Technical bid under evaluation
31	Murshidabad	44019	32	16	15	94%					32		DPR prepared. Tender floated for compost plant/ MRF/ SLF, Technical bid under evaluation
32	Nabadwip	125543	54	24	23	96%					54		DPR prepared. Tender floated for compost plant/ MRF/ SLF, Technical bid under evaluation
33	Naihati	217900	165	31	31	100%		60			105		DPR prepared. Tender floated for compost plant/ MRF/ SLF, Technical bid under evaluation
34	North Barrackpore	132806	47	23	23	100%					47		DPR Prepared
35	Panihati	377347	169	35	30	86%					169		Agency engaged for establishment of compost plant/ MRF/ SLF
36	Pujali	37047	15.6	16	0	0%					15.6		DPR Prepared.
37	Raiganj	183612	90	27	27	100%				90			Tender floated for compost plant for remaining waste, Technical bid under evaluation.
38	Rishra	124577	50	23	22	96%	22			28			Tender floated for compost plant for remaining waste, Technical bid under evaluation.
39	Santipur	151777	68	24	24	100%					68		DPR prepared. Tender floated for compost plant/ MRF/ SLF, Technical bid under evaluation
40	Serampore	181842	90	29	29	100%	38				52		Tender floated for compost plant for remaining waste, Technical bid under evaluation.
41	Titagarh	116541	65	23	23	100%					65		DPR prepared. Tender floated for compost plant/ MRF/ SLF, Technical bid under evaluation
42	Uluberia	222240	118	32	23	72%					118		DPR prepared. Tender floated for compost plant/ MRF/ SLF, Technical bid under evaluation
43	Uttarpara Kotrung	159147	90	24	24	100%	28			62			Tender floated for compost plant for remaining waste, Technical bid under evaluation.
Total		11745428	8535.6	1218	1164	96%	788	205	250	272	7021		

Status Report for Installation of Screen at the Drains

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

Supply of bins and vehicles for SWM to 43 Ganga Towns

Sl No	Municipality	District	Bins Supplied	Community Bin 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	48000		6		20		1	1		
2	Kolkata MC											
3	Howrah MC	Howrah	388888									
4	Uluberia	Howrah	148408	696	6		20		1	3	1	1
5	Baidyabati	Hooghli	79800	528	12	6	54	1	1	2		
6	Bansberia	Hooghli	36000	528	5		15		1	2		
7	Bhadreswar	Hooghli	53678	528	12	6	20	1	1	2		
8	Champdany	Hooghli	EP	528	4	4	30		1	2		
9	Chandannagore MC	Hooghli	82592	858	14	6	20	1	1	3	1	1
10	Hooghly Chinsurah	Hooghli	92042	720	5		20	1	1	3		
11	Konnagar	Hooghli	EP		5		32	1	1	1		
12	Rishra	Hooghli	60138		10		35	1	1	2		
13	Serampore	Hooghli	20100	456	6	5	12	1	1	3		
14	Uttarpara Kotrung	Hooghli	42520	672	5		15	1	1	2		
15	Berhampore	Murshidabad	60656		6	5			1	3		
16	Dhuliyani	Murshidabad	40000		7	4	20	1	1	2		
17	Jangipur	Murshidabad	20650		6	6			1	2		
18	Jiaganj-Azimganj	Murshidabad	23412		5			1	1	1		
19	Murshidabad	Murshidabad	25490		6		20	1	1	1		
20	Chakdah	Nadia	58840		5		10		1	2		
21	Gayeshpur	Nadia	34000		4		10		1	1		
22	Kalyani	Nadia	51144		9		33	1	1	2		
23	Krishnanagar	Nadia	84616		8				1	2		
24	Nabadwip	Nadia	70926	504	10	6	20		1	2		
25	Santipur	Nadia							1	2		
26	Baranagar	North 24 Pgs	80000	200	5	5	20		1	5	1	1
27	Barrackpore	North 24 Pgs	75312		4				1	2		
28	Bhatpara	North 24 Pgs	EP		6				1	3	1	1
29	Garulia	North 24 Pgs	37764	378	5	5	12		1	2		
30	Halisahar	North 24 Pgs	67226		5	6	13	1	1	2		
31	Kamarhati	North 24 Pgs	190000	840	10		40	1	1	3	1	1
32	Kanchrapara	North 24 Pgs	55952	524	5		15		1	2		
33	Khardah	North 24 Pgs	52000	528	4	5	13		1	2		
34	Naihati	North 24 Pgs	2800	800	5	5	20		1	3	1	1
35	North Barrackpore	North 24 Pgs	65128	552	5	5	20		1	2	1	1
36	Panihati	North 24 Pgs	180000	552	5	5	20		1	3	1	1
37	Titagarh	North 24 Pgs	47738	552	6	5	12	1	1	2		
38	Haldia	Purba Medinipur	98400		6	5			1	3		
39	Budge Budge	South 24 Pgs	29476	420	5		20		1	1		
40	Diamond Harbour	South 24 Pgs	8200		5		12		1	1		
41	Maheshtala	South 24 Pgs	40141		11	6	12		1	4	1	1
42	Pujali	South 24 Pgs	18600		5	5	12		1	0		
43	Raiganj	Uttardinajpur	66388		14		20		1	3		
TOTAL=			2637025	11364	267	105	667	15	41	89	9	9

IHHL and ODF Status : 43 ULBs (Ganga Town)**1. Self Declared as ODF- 42 ULBs****2. ODF Inspection done by QCI- 37 ULBs****3. ODF Declared by QCI- 37 ULBs****4. ODF Inspection need to be done-6 ULBs**

SI No	District	ULB	Initial Target	Final Revised Target	Construction completed	Online uploaded as on 04.02.2021	ODF Inspection done by QCI	ODF Certified by QCI	Self Declared as ODF
1	HOOGHLY	Baidyabati	1303	632	632	629	Yes	Yes	Yes
2	HOOGHLY	Bansberia	2993	1140	1140	1140	No	Yes	Yes
3	HOOGHLY	Bhadreswar	3006	1200	1200	1200	No	Yes	Yes
4	HOOGHLY	Champdany	2666	2315	1780	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	552	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 by QCI yet	Yes
12	HOWRAH	Uluberia	8837	8670	8670	8670	Yes	Yes	Yes
13	KOLKATA	Kolkata MC	68868	0	0	0	No	Not visited by QCI yet	No
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 by QCI yet	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 by QCI yet	Yes
34	NORTH 24-PGS	North Barrackpore	2132	302	302	302	Yes	Yes	Yes
35	NORTH 24-PGS	Panihati	4193	1000	1000	985	Yes	Yes	Yes
36	NORTH 24-PGS	Titagarh	440	440	440	438	Yes	Yes	Yes
37	Purba BARDDHAMAN	Katwa	832	1232	1232	1232	No	Not visited by QCI yet	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

IHHL and ODF Status : 43 ULBs (Ganga Town)**1. Self Declared as ODF- 42 ULBs****2. ODF Inspection done by QCI- 37 ULBs****3. ODF Declared by QCI- 37 ULBs****4. ODF Inspection need to be done-6 ULBs**

SI No	District	ULB	Initial Target	Final Revised Target	Construction completed	Online uploaded as on 04.02.2021	ODF Inspection done by QCI	ODF Certified by QCI	Self Declared as ODF
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 by QCI yet	Yes
			215784	67851	66244	65731	Yes=37 No=6	Yes=37 No=6	Yes=42 No=1

Up to date Visited Ganga Ghat Report Summary

As per instruction of the Director SUDA the Ganga ghats & outfalls of different ULBs have been visited in compliance to the direction passed by the Hon'ble NGT and the detail reports are follows . The reports had already been shared with ULB to develop the existing situation of ghats.

Date of visit : 04.10.2020.

Name of ULB : **Bansberia Municipality, Hooghly** .

Out of existing 19 gangaghats 16 nos Ganga Ghat & screen under the above ULB have been visited along with the representative of ULB.. The photographs of all visited ganga ghat have been taken and recorded showing existing position & conditions of ghat.

Observation :

Tribeni Burning Ghat,(ward no 13) clothes of dead bodies are stacked at ghat, it should be removed immediately.

Ganges jute mill ghat (19): As stated by the ULB representative the extent from jute mill to river to be examined by the competent authority regarding pollution of water.

Ganesh Ghat (ward No 8): There is a toilet block including septic tank at ghat, in out let of septic tank chlorine chamber should be introduced in view of river pollution

In most of the ghats IEC are not found as the old IEC has been destroyed due to Amphan as stated by representative of ULB. Bins are found in most of the ghats but it should be properly placed.

Name of ULB : **Hooghly Chinsurah, Hooghly** .

Out of existing 32 gangaghats 11 nos Ganga Ghat & screen under the above ULB have been visited along with the representative of ULB.. The photographs of all visited ganga ghat have been taken and recorded showing existing position & conditions of ghat.

Observation:

Chunimia Ghat (3 no ward)

Cleaning is not done properly. There is Two dump sites. Garbage is stacked. The representative of concerned ULB has been requested to take action properly. No IEC found

Putli Ghat (13 no Ward)

There is dump site.

Ghanta Ghat (25no Ward)

No IEC found, there is dump site, irregular cleaning.

Sundeswar Tala ghat (25no Ward)

No Bins ,IEC are found, there is a dump site ,garbage is stacked at ghat

Shyam babur ghat (27no Ward)

Garbage is stacked,

In most of the Ghats IEC are not found as the old IEC has been destroyed due to Amphan as stated by representative of ULB. Bins are not found in most of the ghats and also not properly placed.

Jhora Ghat

Garbage stacked

Dutta Ghat

Ref Photograph No:

Name of ULB : **Chandan NagoreMunicipal Corporation , Hooghly .**

Out of existing 33 gangaghats 6 nos Ganga Ghat & screen under the above UIB have been visited along with the representative of ULB.. The photographs of all visited ganga ghat have been takenand recorded showing existing position & conditions of ghat.

Observation:

Over all most of the Ghats are clean, IEC are placed properly, in some cases specially in **Asram Ghat** : Bins have been toppled down in to the river , the bins should be properly placed.

Kachari Ghat

Presence of garbage

Name of ULB : **Bhadreswar Municipality , Hooghly .**

Observation:

Out of existing 4 gangaghats 2 nos Ganga Ghat & screen under the above UIB have been visited along with the representative of ULB.. The photographs of all visited ganga ghat have been takenand recorded.showing existing position & conditions of ghat.

Over all most of the Ghats are clean, IEC are placed properly, No big Dump sites are found.

Bins and IEC should be placed properly.

Near Shiv tala Ghat II there is a STP and the extract of STP falls to Ganga, the representative of concerned ULB reported whether the extract of STP is properly treated or not, to be examined. The STP is maintained by KMDA.GVP is Identified. In most of the ghats IEC are not found as the old IEC has been destroyed due to Amphan as stated by representative of ULB.

Name of ULB : **Chapdani Municipality , Hooghly .**

Out of existing 3 gangaghats 3 nos Ganga Ghat & screen under the above ULB have been visited along with the representative of ULB.. The photographs of all visited ganga ghat have been taken and recorded showing existing position & conditions of ghat..

Observation:

Over all most of the Ghats are clean, IEC are placed properly, No big Dump sites are found.

Bins and IEC should be placed properly. There is a Toilet Block in Tetultala ghat, in out let of septic tank chlorin chamber should be introduced in view of river pollution . In most of the ghats IEC are not found as the old IEC has been destroyed due to Amphan as stated by representative of ULB.

Name of ULB : **Baidyabati Municipality, Hooghly .**

Out of existing 34 gangaghats 5 nos Ganga Ghat & screen under the above ULB have been visited along with the representative of ULB.. The photographs of all visited ganga ghat have been taken and recorded showing existing position & conditions of ghat.

Addy Ghat

There is GVP

Over all most of the Ghats are clean, IEC are placed properly, No big Dump sites are found.

The Concerned ULB has arranged regularly the good awareness program in different Ganga ghats by showing IEC and by myking also.

Date of visit : 10.10.2020.

Name of ULB : **Srerampore Municipality , Hooghly .**

Out of existing 28 gangaghats 24 nos Ganga Ghat & screen under the above ULB have been visited along with the representative of ULB.. The photographs of all visited ganga ghat have been taken and recorded showing existing position & conditions of ghat.

Observation:

Dey Ghat (Ward No 14) William Carry road

On court Road, nearby the ghat there is secondary collection point , the that point should be cleared properly

Roy Ghat (Ward No 07) : The existing screen is not placed properly placed.

The most of the ghats are cleaned . In most of the ghats IEC are not found as the old IEC has been destroyed due to Amphan as stated by representative of ULB.

Name of ULB : **Rishra Municipality , Hooghly .**

Out of existing 10 gangaghats 10 nos Ganga Ghat & screen under the above ULB have been visited along with the representative of ULB.. The photographs of all visited ganga ghat have been taken and recorded showing existing position & conditions of ghat.

Observation:

In K.C. Day Ghat & J. C. Day Ghat GVP are shown, Most of screens are either not properly placed or presently damaged conditions.

The most of the ghats are cleaned . In most of the ghats IEC are not found as the old IEC has been destroyed due to Amphan as stated by representative of ULB.

Name of ULB : **Konnagore Municipality , Hooghly .**

Out of existing 14 gangaghats 5 nos Ganga Ghat & screen under the above ULB have been visited along with the representative of ULB.. The photographs of all visited ganga ghat have been taken and recorded showing existing position & conditions of ghat.

Observation:

In Bata Ghat ward no 13 there is screen with Sedimentation Tank but Screen is not properly placed.(

The most of the ghats are cleaned . In most of the ghats IEC are not found as the old IEC has been destroyed due to Amphan as stated by representative of ULB.

Name of ULB : **Uttarpara Municipality , Hooghly**

Out of existing 19 gangaghats 10 nos Ganga Ghat & screen under the above ULB have been visited along with the representative of ULB.. The photographs of all visited ganga ghat have been taken and recorded showing existing position & conditions of ghat. The ulb has also submitted the report in requisite format scan copy attached.

Observation:

Uttarpara Ferry Ghat (Ward No 15)

There is dump site along the Ganga, GT Road Opposite of More store. The representative of concerned Ulb has been requested to clear the garbage and clean the site regularly.

Some ghats have been destroyed due to Amphan.

In most of the ghats IEC are not found as the old IEC has been destroyed due to Amphan as stated by representative of ULB.

Name of ULB : **Howrah Municipal Corporation, Howrah** .

Out of existing 44 gangaghats 30 nos Ganga Ghat & screen under the above ULB have been visited along with the representative of ULB.. The photographs of all visited ganga ghat have been taken and recorded showing existing position & conditions of ghat. The ulb has also submitted the report in requisite format scan copy attached.

Observation:

Enter the river bank Ghusuri -Gossai Ghat to Putul Ghat & Bandha ghat there is Dump site. Along Jaganath Ghat 1 to v Jaganath Ghat 2, Ghoshes lane , Belur math there is garbage & extract of factory are stacked. Pier of Bridge there is huge garbage surrounding the pillars. Most of the existing screen either damaged or not properly placed. The entire condition is not satisfactory.

Most the ghats IEC, bins are not found.

All the ULB may be asked to take prompt actions in compliance with above site visit report in view of :

- a)Regular sweeping should be done around ghats .
- b) Screen should be fixed on Drains discharging to River Ganga and screen should be cleaned regularly.
- c)There should not be any open dumpsite along The Ganga River (within 1 km from banks).
- d)There should not be any Garbage Vulnerable Point (GVP) near Gangaghats.
- e) Litter bins should be placed at ghats and cleaned regularly.
- f)Public awareness & IEC activities should be organised by displaying poster, banner, leaflets and milking.

DISTRICT : HOWRAH

Name Of ULB : ULUBERIA MUNICIPALITY

DATE OF VISIT :04.12.2020

Observation :Out Of 30 ghats 11 Nos ghats are important and those important ghats have been visited, cleaning of ghat is satisfactory, No dump sites are found only garbage are stacked at old Hospital ghat.At Kalibari Ghat there is open toilet, in out fall no screen is found, Small GVP at Jhautala Ghat, Sinduria Mahal South Bauria Burning Ghat : Along the bank some garbage are stacked which should be cleared regularly

In most of the ghats Bins , IEC are Not placed properly.

Vide Photos –Achipur Ghat kalibari Ghat – Open Toilet Out fall Img_9523. Old Ghat(Near Out Fall) Jhautala Ferry Ghat, Sinduria Mahal South Bauria Burning Ghat.

DISTRICT : North 24 PGS

Name Of ULB : GARULIA MUNICIPALITY

DATE OF VISIT- 09.12.2020

Observation: Out of 16 Ghats and outfall as stated by ULB 14 no ghats and outfalls have been visited. In most of the ghats there is no IEC . Small GVP are starcked near Babu ghat, Thakur bari Ghat,Ratneswar Ghat, SS Jute Mill Ghat, Sidheswari ghat, Old Burning Ghat. Big and huje Garbage are stacked near the bank of Sundarbhata khal and pacha Khal.

Name Of ULB : BHATPARA MUNICIPALITY

DATE OF VISIT- 09.12.2020

Observation: Out of 27 ghats & out falls haveen visited along with the Chairman, Bhatpara & Engineer & other representatives of Bhatpara have been visited In mos of the ghats are cleaned, but along the bank garbages are stacked. In most of the out falls screens are not found or placed properly. On the banks there are so many JUTE MILLS/ Paper mills along the bank from which some influents are coming directly to the River Ganga, this matter should be informed to PCB for taking preventive measure. In Most of the ghats IEC are,Litre bins are not found. The IEC are are damaged/ destroyed due to Amphan. The ULB should be instructed to remove the garbage stacked along the river bank vide attached photographs and to make arrange to clean regularly.

.Name Of ULB : BARRACKPORE MUNICIPALITY DATE OF VISIT- 09.12.2020

Observation: Out of 5 nos Ghats as stated by ULB we have visited 5 nos of ghats . At Rasmoni Ghat and Burning ghat there is a Toilet Block with septic tank without Chlorination chamber. In ferry ghats (Dhubi Ghat) there is no IEC bins are not properly placed. There is a big dumping yard this ghat is duly maintained by Cantonment. Board. And the representative said board i.e. CEO and SI of Cantonment Board have been instructed to clear the Dumpsite immediately. They have already taken the action as reported by SI Cantonment. There is outfall in Dhubi Ghat without screen. A screen should be placed immediately.

Name Of ULB : NAIHATI MUNICIPALITY

DATE OF VISIT- 15.12.2020

Observation : Out of 10 no ghats and 5 outfall as stated by ULB 10 no ghats and 5 nos outfall have been visited. There are some dumpsite and GVP (garbage starck) at : Chai ghat,Goalapara ghat, Mitrapara ghat, Shibtala Ghat. In most of the Ghats IEC are not found.IEC has been destroyed due to Amphan as stated by ULB. In ferry ghat and burning Ghat there are toilet block without Chloriation Chamber. In Naihati ferry Ghat, Swapnabiti Ghat,Makreswartala Ghat there are some outfall but no screens are found.

Name Of ULB : HALISAHAR MUNICIPALITY DATE OF VISIT- 15.12.2020

Observation : Out of 22 no ghats and outfall as stated by ULB 17 no ghat and outfalls have been visited . In most cases IEC are not found, It has been destroyed/damaged due to Amphan as stated by ULB. There are GVP and Dumping garbages are found in the ghats: Shyam Sundari Ghat,Jagannath Ghat,Sadhu Ghat, Halisahar Burning Ghat,Barendra gali Ghat and along the Bank of river Ganga.There is outfall at Balurpara Ghat and Lalkuthi Outfall but no screens have been found.

Name Of ULB : TITAGARH MUNICIPALITY

DATE OF VISIT-16.12.2020

Observation: Out of ...06 ghats as stated by ULB 6 no ghats have been visited .

Laxmi ghat : One the way to ferry ghat road closed to the ferry ghat there is some GVP.There is No IEC. There is damaged scrren in the outfall. There is also toilet block.

Titagarh Jute mill : There is a small GVP

Titagarh Wagon factory : On the bank of the river ganga some factory material are starcked and some extracted from factory false to the river as stated by ULB the matter should be noticed to ULB as well as to the factory

Pir Ghat ; Near kelvin Jute mill there are two GVP it should be clear immediately

Name Of ULB : NORTH BARRACKPORE MUNICIPALITY

DATE OF VISIT- 16.12.2020

Observation: 6 no ghats are visited .

Debitala Ferry Ghat : IEC should be in proper manner There is a big GVP and there is Dum Site. The dum site should be stopped and gvp should be clear immediately.In outfall damaged screens is found. It should be replaced Immediately.

Biswas Ghat : There is a small GVP and IEC is not properly placed

Gazitala Ghat : there is a small GVP and one open urinal without chlorination chamber is found.

Nababganj Burning Ghat : IEC is not properly placed.

Name Of ULB : PANIHATI MUNICIPALITY

DATE OF VISIT- 18.12.2020

Observation: Out of 37 ghats 22 no ghats have been visited. There are some GVP or garbage strack near 1. Mahesswartala ghat2.Baroari ghat.3 Boser ghat4.Baromandir Ghat, Sahebbagan Ghat,Niharika Ghat, Haridas Samanto Ghat, Rajabagan Ghat, Sukhchar bazara

para Ghat, Kasaripara Ghat In most of the ghats IEC are not found or not in proper position. Screens and maheswartala ghat and giribala ghat are damaged. There is a outfall near Trannath Kalibari ghat there isa outfall but no screen are not found.

Name Of ULB : KHARDHA MUNICIPALITY

DATE OF VISIT- 18.12.2020

Observations : Out of ...ghats as stated by ULB, 9 no ghats have been visited

Shyam Sundar Ghat : There is a Open urinal without chlorination chamber

Camp Ghat2 : There is a outfall but no screen is found

In most of the ghats proper IEC are not found, it has been destroyed / damaged due to Amphan as stated by ULB representative.

Name Of ULB : BARANAGORE MUNICIPALITY

DATE OF VISIT- 24.12.2020

Ovservation : Ten number ghats have been visited

.Kuthi Ghat : No IEC is found, there is small GVP

Laltu Babur Ghat : No IEC is found, It is private ghat.

Back side Of Abasahan : Trotini, 69 Amritalal Dana Road : Huge garbage with plastic is stacked along the bank , It is very important -ULB should take immediate action on cleaning the existing garbage and should take action for non stacking of garbage further. During visit SI Baranagore Municipality has been instructed to tkke action for the same.

Thakur Abanindranath Burning Ghat : There is toilet block Without CL. Chamber.

Alam Bazar BSF Camp Lock Ghat : One Big & small screen are damaged & non functioning condition, There is toilet block Without CL. Chamber

Name Of ULB : Kamarhati MUNICIPALITY

DATE OF VISIT- 24.12.2020

Observatipn : Out of 26 ghats main 09 no of ghats have been visited.

DD Mondal Ghat :IEC is not found, there is a khatal. There are two nos of screen but those are not properly placed..

Mala para ghat : :IEC is not found,there is a outfall without screen.

Phari Ghat : There is open urinal . There is secondary collection point vat, but it is cleaedr regularly as stated by ULB SI.

Madhu Roy ghat : IEC is not found,

Ferry Ghat : There is Private toilet block structure which should be reved immediately.

Miloni Char mandir Ghat : Near this ghat there is Intake Jetty (Raw water) for Kamarhati Treat plant which is maintained by KMDA. Around the piers of Intake Jety Garbage, even dead bodies of animals are found in stacking position , it should be cleared regularly.

Rathtala Ghat : There is a out fall, the matter is related to PCB.

. Recommendation of Preventive Measure For All Above ULBS

- i) Stacked garbage's along the entire river bank, ghat, Road should be cleared by engaging lot of conservancy staffs/ labors, equipments within the time bound schedule by ULB.
- ii) Routine & regular cleaning of ghats, river bank, roads to be done by ULB.
- iii) In Every ghats Bins will be placed properly and the stacked garbages will be cleared regularly.
- iv) Proper Permanent nature of IEC will be erected at each Ghat for awareness programs. Regular Miking at lunch ghat/market place regarding awareness of cleaning of Ganga Ghat, river bank in compliance with NGT order.
- v) Proper arrangements /device to be installed at burning Ghat to control air pollution with guidance of WBPCB.
- vi) Solid waste Management Rules 2016, Policy and Strategy on Solid Waste Management for Urban Areas of West Bengal, 2017 and Plastic Waste Management Rules,2016 should be followed which are available in the website.
- vii) The regular routine cleaning work and monitoring work may be recorded under the control of SBM Nodal, Engineer, SI of ULB.

District : MURSHIDABAD

BEHARAMPORE MUNICIPALITY,

Date of Visit : 4th Feb'21 & 5th Feb'21.

The undersigned along with the Executive Engineer, Assistant Engineer, WBPCB, Executive Officer, SAE, SI of Beharampore Municipality visited the different ghats & out falls on the above mentioned dates.

Ganga ghat & River Bank

The above team visited 25 nos Of major Ganga Ghats , the sites along the bank of River Ganga .

Name Of Ghats & Outfalls :

ALONG THE RIVER BANK OF NAJRUL ISLAM OUTFALL -RAJAGANJ GHAT 5541, On ward Rajaganj Ghat river Bank-

SAIDABAD MANINDRA CHANDRA BIDYAPITH GHAT- Saidabad RAJBARI GHAT-, THAKURPARA GHAT-5 NIALISH PARA FERRY GHAT-, SABUJ SANGHA GHAT-, G.T.I SCHOOL GHAT, UMASUNDARY GHAT –, UMASUNDARY GHAT -2-

UMASUNDARY GHAT -3 - , GORABAZAR GHAT- GORABAZAR GHAT-2(-Phari)- GORABAZAR FERRY GHAT-, BACKSIGHT OF K N COLLAGE GHAT-, GANDHI CLONI RIVER BANK -, KHAGRA BURNING GHAT- (Floating of Pillo)

Along the Kaji Najrul Islam Sarani-. Gopal Ghat- Stacked of Building Material at Saidabad Raj bari ghat : Structure at Along The River Bank-,Still : In between Manindra & Rajaganj Ghat – (Garbage and also open toilet)

Overall Observation :

Litre Bins are found only in 10 nos of ghats. But most of the bins are not properly placed. In most of the ghats IEC for awareness programs are not found. At three or four ghats small IEC are found. IEC are not in proper manner. Each and every ghats small GVP even at some places along the river bank huge garbage are stacked. The river bank is not cleaned properly and regularly. In burning ghat there is no Litre Bins for which clothes of dead body, pilo, quilts etc are shown to float at River ganga. In burning ghat no arrangements /device has been installed to control the air pollution. In the river bank on wards burning ghat there is the dump site. Along the Road within 500 mtrs there is also secondary dumpsite point.

Along the entire river bank there are so many permanent & temporary nature structures. Building materials, i.e. sand, stone chips, bricks are stacked along river bank. The entire matter has been noticed to EO, SAE, SI Beharampore Municipality.

Recommendation for Preventive Measure

- i) Stacked garbage's along the entire river bank, ghat, Road should be cleared by engaging lot of conservancy staffs/ labors, equipments within the time bound schedule by ULB
- ii) Routine & regular cleaning of ghats, river bank, roads to be done by ULB.
- iii) No Dumpsite will be allowed along the River bank. The existing dump site along the river bank will be removed immediately.
- iv) No secondary collection point on Road side near river bank will be allowed
- v) In Every ghats Bins will be placed properly and the stacked garbages will be cleared regularly. On emergency basis immediately minimum two nos of bins to be placed at existing Burning ghats.
- vi) Proper Permanent nature of IEC will be erected at each Ghat for awareness programs. Regular Miking at lunch ghat/market place regarding awareness of cleaning of Ganga Ghat, river bank in compliance with NGT order.
- vii) Proper arrangements /device to be installed at burning Ghat to control air pollution with guidance of WBPCB
- viii) Regarding Existing structure at river bank steps to be followed in accordance the guideline of competent authority and in compliance with NGT order.
- ix) Solid waste Management Rules 2016, Policy and Strategy on Solid Waste Management or Urban Areas of West Bengal, 2017 and Plastic Waste Management Rules, 2016 should be followed which are available in the website.
- x) The regular routine cleaning work and monitoring may be recorded under the control of SBM Nodal, Engineer, SI of Beharampore. Municipality.

Overall Observation

In most of existing Gratings/screens are damaged. Some grating are stolen as reported by representative of ULB. Regular cleaning of gratings/screens are not done properly as a result plastic/other hard materials stacked at the gratings.

Photograph References For Screens/Out Fall

KUNJA GHATA-(Damaged)-5499, NAJRUL ISLAM SARANI near SANIi MANDIR – 5511 (Garbagesproperly not cleaeaned)

RAJAGANJ OUTFALL –(SCREEN NOT PROPERLY PLACED), SAIDABAD SATSANG- No screen
Bara Bat tala Gora Bazar Lock Gate : - Garbage not cleared

B.T. College Ghat (Bat tala ghat)- (Garbage not cleared)

Recommendation of Preventive Measure

- i) Damaged gratings/Screens must be replaced immediately by new gratings/Screens immediately.
- ii) Arrangements for Regular cleaning of Gratings/ screens to be done by Beharampore Municipality. The disposed material should be disposed at dumpsite soon after sun drying with covered vehicle.
- iii) The regular cleaning routine work and monitoring may be recorded under the control of SBM Nodal, Engineer, SI of Beharampore Municipality.

Report of visit Ganga Ghats and Out falls of Murshidabad Municipality,.

Date of Visit : 5th Feb'21.

Regarding Ganga Ghats

The undersigned along with the Executive Engineer, Assistant Engineer, WBPCB, Assistant Engineer KMDA, Executive Officer, AE, SI of **Murshidabad** Municipality on the above mentioned dates.

Observation : 06 nos important ghats have been visited by the team. The UIB has submitted the filled up formats of Ghats & Out falls

BURNING GHAT (LALBAGH) : there is GVP. Pollution control device/arrangement is erected to electric chimney to control the air pollution . For garbage vide Image :

SADAR FERRY GHAT there is GVP vide Image BRIDGE GHAT BESIDE (HAJARDUARY) : there is GVP .Litre Bins IEC are not placed properly. Over all the ghats are cleaned.

Recommendation of Preventive Measure

- i) Stacked garbage's along the entire river bank, ghat, Road should be cleared by engaging lot of conservancy staffs/ labors, equipments within the time bound schedule by ULB.
- ii) In Every ghats Bins will be placed properly and the stacked garbages will be cleared regularly.

vi) Proper Permanent nature of IEC will be erected at each Ghat for awareness programs. Regular Miking at lunch ghat/market place regarding awareness of cleaning of Ganga Ghat, river bank in compliance with NGT order.

Regarding Out falls

In Murshidabad 75% effluent discharge to Gobranala not directly to river Ganga& 25% effluent discharge to PHE STP Plant as stated by AE Murshidabad. Only at rainy seasons some part of effluent discharge to Ganga due to over flow. However screens have been installed in the month of feb'2018.

Screens of NEW PALACE OUTFALL is damaged.

Recommendation For Preventive Measure

The damaged screen should be replaced immediately. Stacked garbage at screen should be cleared regular basis.

Monthly Progress report from Irrigation & Waterways

Department, Govt of West Bengal (August-2021)(O.A.-673)

1. Details of each existing STP

No.	Location	Existing STP Capacity	Capacity Being Utilized	Operational Status of STP	Compliance Status of STP
Not relevant for SUDA					

2. Details of under construction STPs

No.	Location	Capacity of the plant in MLD	Physical Progress in %	Status of I&D or House sewer connections	Completion Timeline
Not relevant for SUDA					

3. Details of proposed STPs

No.	Location	Capacity of the STP proposed in MLD	Status of Project (at DPR Stage/ Under Tendering/ Work to be Awarded)	Likely Date of Completion
Not relevant for SUDA				

4. Drain details:

River name	No. of drains falling in the river	No. of drains having floating racks/screens installed to prevent solid waste from falling into the river
Ganga	402	400 (In rest 2 no. of drains, screen installation is not technically feasible, bio-remediation & phyto-remediation measures undertaken)

5. Alternate treatment details:

River name	Polluting drain	In-situ treatment details	MLD treated	Details of parameters before treatment	Details of parameters after treatment
Not relevant for SUDA					

6. Reuse of treated water

Not relevant for SUDA

7. Ground water regulation

River	Ground water regulation details
Not relevant for SUDA	

8. Good irrigation practices

River	Details of adopting good irrigation practices
Not relevant for SUDA	

9. Rain water harvesting

River	Details of rain water harvesting
Not relevant for SUDA	

10. Demarcation of Floodplain and removal of illegal encroachments

River	Details of demarcation of floodplain and removal of illegal encroachments
Not relevant for SUDA	

11. Maintaining minimum e-flow of river

River	Maintaining minimum e-flow of the river
Not relevant for SUDA	

12. Plantation activities

River	Details of plantation activities along the river
Not relevant for SUDA	

13. Development of biodiversity park

River	Details of setting up biodiversity parks on flood plains by removing encroachment along the river
Not relevant for SUDA	

Report on Solid Waste Management of Polluted River Stretch

Vidhadhari River between the polluted river stretch from Haroa Birdge to Malancha Burning Ghat

A. Barasat

1. Quantity of waste (TPD):130
2. Door to Door Collection of Waste: 100%
3. Supply of green and blue household bins for ensuring segregation of waste at source: 219748
4. SWM Vehicles provided for ensuring scientific transportation of waste: Battery Operated Tipper:5; Tri Cycle Van: 20; Dumper: 1; Movable Compactor: 3
5. Status of tender for fresh waste processing and 10 Years O&M: Financial Bid opened and Evaluation under process
6. Status of Tender for Legacy Waste Removal from old dumpsite through bio-mining: Agency engaged, work started.

B. Madhyamgram

1. Quantity of waste (TPD): 58
2. Door to Door Collection of Waste: 100%
3. Supply of green and blue household bins for ensuring segregation of waste at source: 140000
4. Supply of green and blue community bins for ensuring segregation of waste at source: 600
5. SWM Vehicles provided for ensuring scientific transportation of waste: Fuel operated Tipper:6; Battery Operated Tipper:5; Tri-Cycle Van: 20, Dumper: 1; Movable Compactor: 3
6. Status of tender for fresh waste processing and 10 Years O&M: Financial Bid opened and Evaluation under process.

7. Status of Tender for Legacy Waste Removal from old dumpsite through bio-mining: Agency engaged, work started.

C. New Barrackpore

1. Quantity of waste (TPD): 29.8
2. Door to Door Collection of Waste: 100%
3. Supply of green and blue household bins for ensuring segregation of waste at source: 69310
4. SWM Vehicles provided for ensuring scientific transportation of waste: Battery Operated Tipper: 5; Tri-Cycle Van: 20, Dumper: 1; Movable Compactor: 1
5. Status of tender for fresh waste processing and 10 Years O&M: Agency engaged, work started.
6. Status of Tender for Legacy Waste Removal from old dumpsite through bio-mining: Agency engaged, work started.

D. North Dumdum

1. Quantity of waste (TPD): 165
2. Door to Door Collection of Waste: 100%
3. Supply of green and blue household bins for ensuring segregation of waste at source: 80000
4. Supply of green and blue community bins for ensuring segregation of waste at source: 552
5. SWM Vehicles provided for ensuring scientific transportation of waste: Fuel operated Tipper: 5; Battery Operated Tipper:30; Tri-Cycle Van: 12, Dumper: 1; Movable Compactor: 1
6. Status of tender for fresh waste processing and 10 Years O&M: Agency engaged, work started.

7. Status of Tender for Legacy Waste Removal from old dumpsite through bio-mining: Agency engaged, work started.

Mahananda River between the polluted river stretch from Siliguri to Binaguri

Siliguri MC

1. Quantity of waste (TPD): 380
2. Door to Door Collection of Waste: 100%
3. Supply of green and blue household bins for ensuring segregation of waste at source: 215576
4. SWM Vehicles provided for ensuring scientific transportation of waste: Battery Operated Tipper:14; Dumper: 1; Movable Compactor: 2
5. Status of tender for fresh waste processing and 10 Years O&M: Financial Bid opened and Evaluation under process
6. Status of Tender for Legacy Waste Removal from old dumpsite through bio-mining: Agency engaged, work started.

Churni River between the polluted river stretch from Santipur town to Majhadia

Ranaghat

1. Quantity of waste (TPD): 25.89
2. Door to Door Collection of Waste: 90%
3. Supply of green and blue household bins for ensuring segregation of waste at source: Provided earlier
4. SWM Vehicles provided for ensuring scientific transportation of waste: Fuel operated Tipper: 4; Dumper: 1; Movable Compactor: 1
5. Status of tender for fresh waste processing and 10 Years O&M: Financial Bid opened and Evaluation under process.
6. Status of Tender for Legacy Waste Removal from old dumpsite through bio-mining: Agency engaged, work started

Dwarka River between the polluted river stretch from Tarapith to Swadhak Bamdeb Ghat

Rampurhat

1. Quantity of waste (TPD): 105
2. Door to Door Collection of Waste: 100%
3. Supply of green and blue household bins for ensuring segregation of waste at source: 34512
4. SWM Vehicles provided for ensuring scientific transportation of waste: Battery operated Tipper: 6; Tri Cycle Van:20; Dumper: 1; Movable Compactor: 1.
5. Status of tender for fresh waste processing and 10 Years O&M: Financial Bid opened and Evaluation under process.
6. Status of Tender for Legacy Waste Removal from old dumpsite through bio-mining: Agency engaged, work started

Damodar River between the polluted river stretch from Durgachakm to Dishergarh

A. Asansol

1. Quantity of waste (TPD): 654
2. Door to Door Collection of Waste: 85%
3. Supply of green and blue household bins for ensuring segregation of waste at source: 94094
4. Supply of green and blue community bins for ensuring segregation of waste at source: 1716.
5. SWM Vehicles provided for ensuring scientific transportation of waste: Fuel operated Tipper: 43; Dumper: 1; Movable Compactor: 2
6. Status of tender for fresh waste processing and 10 Years O&M: Financial Bid opened and Evaluation under process.
7. Status of Tender for Legacy Waste Removal from old dumpsite through bio-mining: Financial Bid opened and Evaluation under process.

B. Durgapur

1. Quantity of waste (TPD): 402.63
2. Door to Door Collection of Waste: 77%
3. Supply of green and blue household bins for ensuring segregation of waste at source: 278516
4. SWM Vehicles provided for ensuring scientific transportation of waste: Tri Cycle Van: 12; Fuel operated Tipper: 24; Dumper: 1; Movable Compactor: 2

5. Status of tender for fresh waste processing and 10 Years O&M: Financial Bid opened and Evaluation under process.
6. Status of Tender for Legacy Waste Removal from old dumpsite through bio-mining: Financial Bid opened and Evaluation under process.

Jalangi River between the polluted river stretch from Lal Dighi to Krishnagar

Krishnagar

1. Quantity of waste (TPD): 130
2. Door to Door Collection of Waste: 100%
3. Supply of green and blue household bins for ensuring segregation of waste at source: to be provided shortly
4. SWM Vehicles provided for ensuring scientific transportation of waste: Battery operated Tipper: 8; Tri Cycle Van: 44; Dumper: 1; Movable Compactor: 1
5. Status of tender for fresh waste processing and 10 Years O&M: Plant in operation.
6. Status of Tender for Legacy Waste Removal from old dumpsite through bio-mining: Agency engaged, work started.

Kansi River between the polluted river stretch from Midnapur to Ramnagar

Midnapore

1. Quantity of waste (TPD): 87.3
2. Door to Door Collection of Waste: 75%
3. Supply of green and blue household bins for ensuring segregation of waste at source: 60880
4. SWM Vehicles provided for ensuring scientific transportation of waste: Fuel operated Tipper: 2; Tri Cycle Van: 20; Dumper: 1; Movable Compactor: 2
5. Status of tender for fresh waste processing and 10 Years O&M: Financial Bid opened and Evaluation under process.
6. Status of Tender for Legacy Waste Removal from old dumpsite through bio-mining: Agency engaged, work started

Baraka River between the polluted river stretch from Kulti to Asansol

Asansol MC

1. Quantity of waste (TPD): 654

2. Door to Door Collection of Waste: 85%
3. Supply of green and blue household bins for ensuring segregation of waste at source: 94094
4. Supply of green and blue community bins for ensuring segregation of waste at source: 1716.
5. SWM Vehicles provided for ensuring scientific transportation of waste: Fuel operated Tipper: 43; Dumper: 1; Movable Compactor: 2
6. Status of tender for fresh waste processing and 10 Years O&M: Financial Bid opened and Evaluation under process.
7. Status of Tender for Legacy Waste Removal from old dumpsite through bio-mining: Financial Bid opened and Evaluation under process.

Dwarakeswar River polluted river stretch Along Bankura

Bankura

1. Quantity of waste (TPD): 75
2. Door to Door Collection of Waste: 100%
3. Supply of green and blue household bins for ensuring segregation of waste at source: 56438
4. SWM Vehicles provided for ensuring scientific transportation of waste: Tri-Cycle van: 20; Battery operated Tipper: 8; Dumper: 1; Movable Compactor: 1.
5. Status of tender for fresh waste processing and 10 Years O&M: Financial Bid opened and Evaluation under process.
6. Status of Tender for Legacy Waste Removal from old dumpsite through bio-mining: Agency engaged, work started

Kaljini River between the polluted river stretch from Bitala to Alipurduar

Alipurduar

1. Quantity of waste (TPD): 35.65
2. Door to Door Collection of Waste: 100%

3. Supply of green and blue household bins for ensuring segregation of waste at source: 35112
4. Supply of green and blue community bins for ensuring segregation of waste at source: 420.
5. SWM Vehicles provided for ensuring scientific transportation of waste: Battery operated Tipper: 14; Tri Cycle Van: 20; Dumper: 1; Movable Compactor: 1.
6. Status of tender for fresh waste processing and 10 Years O&M: Financial Bid opened and Evaluation under process.
7. As interim measure SUDA has engaged an organization at Alipurduar Municipality for providing handholding support to the municipality for end to end solution of SWM activities including IEC and Low Cost Processing of Waste.

Karola River between the polluted river stretch from Jalpaiguri to Thakurer Kamat

Jalpaiguri

1. Quantity of waste (TPD): 55
2. Door to Door Collection of Waste: 100%
3. Supply of green and blue household bins for ensuring segregation of waste at source: 22560
4. SWM Vehicles provided for ensuring scientific transportation of waste: Battery Operated Tipper: 6; Tri-cycle van: 10; Dumper: 1; Movable Compactor: 2
5. Status of tender for fresh waste processing and 10 Years O&M: Financial Bid opened and Evaluation under process.
6. Status of Tender for Legacy Waste Removal from old dumpsite through bio-mining: Agency engaged, work started

Mayurakshi River between the polluted river stretch from Suri to Durgapur

A. Suri

1. Quantity of waste (TPD): 60
2. Door to Door Collection of Waste: 100%

3. Supply of green and blue household bins for ensuring segregation of waste at source: 38252
4. SWM Vehicles provided for ensuring scientific transportation of waste: Battery operated Tipper: 7; Tri Cycle Van: 12; Dumper: 1; Movable Compactor: 1.
5. Status of tender for fresh waste processing and 10 Years O&M: Financial Bid opened and Evaluation under process.
6. Status of Tender for Legacy Waste Removal from old dumpsite through bio-mining: Tender matured, awaiting for AA&FS of Finance Department.

B. Sainthia

1. Quantity of waste (TPD): 32
2. Door to Door Collection of Waste: 100%
3. Supply of green and blue household bins for ensuring segregation of waste at source: 26606
4. SWM Vehicles provided for ensuring scientific transportation of waste: Battery operated Tipper: 5; Dumper: 1; Movable Compactor: 1
5. Status of tender for fresh waste processing and 10 Years O&M: Requested DM for Identification of land.
6. Status of Tender for Legacy Waste Removal from old dumpsite through bio-mining: Agency engaged work started.

Rupnarayan River between the polluted river stretch from Kolaghat to Benapur

Tamralipta

1. Quantity of waste (TPD): 15
2. Door to Door Collection of Waste: 100%
3. Supply of green and blue household bins for ensuring segregation of waste at source: 25356
4. SWM Vehicles provided for ensuring scientific transportation of waste: Battery operated Tipper: 7; Tri-cycle van: 12; Dumper: 1; Movable Compactor: 1

5. Status of tender for fresh waste processing and 10 Years O&M: Requested DM for Identification of land.
6. Status of Tender for Legacy Waste Removal from old dumpsite through bio-mining: Tender matured, awaiting for AA&FS of Finance Department.

Shilabati River between the polluted river stretch from Ghatal to Nischindipur

Ghatal

1. Quantity of waste (TPD): 24.00
2. Door to Door Collection of Waste: 65%
3. Supply of green and blue household bins for ensuring segregation of waste at source: 22606
4. SWM Vehicles provided for ensuring scientific transportation of waste: Battery Operated Tipper: 6; Dumper: 1; Movable Compactor: 1
5. Status of tender for fresh waste processing and 10 Years O&M: Land identification for tender under process.
6. Status of Tender for Legacy Waste Removal from old dumpsite through bio-mining: Tender matured, awaiting for AA&FS of Finance Department.

Teesta River between the polluted river stretch from Siliguri to paharpur

Siliguri MC

1. Quantity of waste (TPD): 380
2. Door to Door Collection of Waste: 100%
3. Supply of green and blue household bins for ensuring segregation of waste at source: 215576
4. SWM Vehicles provided for ensuring scientific transportation of waste: Battery Operated Tipper:14; Dumper: 1; Movable Compactor: 2
5. Status of tender for fresh waste processing and 10 Years O&M: Financial Bid opened and Evaluation under process
6. Status of Tender for Legacy Waste Removal from old dumpsite through bio-mining: Agency engaged, work started.

IHHL and ODF Status : 18 ULBs

1. ODF Inspection done by GoI Third Party Org. - 17 ULBs

2. ODF Declared by GoI Third Party Org.- 12 ULBs

3. Self Declared as ODF- 18 ULBs

4. ODF Inspection under progress-5 ULBs

Individual Household Latrine									ODF Status		
SI No	District Name	ULB Name	Initial Target	IHHL Revised Target	IHHL Under Construction	IHHL Not started	IHHL Constructed	IHHL Online uoploaded	Self Declared as ODF	ODF declared by Gol	ODF Assessment under progress
1	Alipurduar	Alipurduar	2019	1959	0	0	1959	1959	Yes	Yes	Done
2	Paschim Bardhaman	Asansol MC	47001	19177	2034	0	17143	16535	Yes	No	No
3	Bankura	Bankura	6627	3407	0	0	3407	3407	Yes	Yes	Done
4	North 24 Parganas	Barasat	14405	3016	0	0	3016	2981	Yes	Yes	Done
5	Paschim Bardhaman	Durgapur MC	18688	30708	0	0	30708	30708	Yes	Yes	Done
6	Paschim Medinipur	Ghatal	2310	900	0	0	900	900	Yes	Yes	Done
7	Jalpaiguri	Jalpaiguri	865	1260	38	0	1222	1039	Yes	No	Under progress
8	Nadia	Krishnanagar	1736	1817	0	0	1817	1817	Yes	Yes	Done
9	North 24 Parganas	Madhyamgram	3965	1169	0	0	1169	1169	Yes	Yes	Done
10	Paschim Medinipur	Midnapore	3184	3326	0	0	3326	3326	Yes	Yes	Done
11	North 24 Parganas	New Barrackpore	1094	893	0	0	893	893	Yes	Yes	Done
12	North 24 Parganas	North Dumdum	9217	332	0	0	332	332	Yes	No	Under progress
13	Birbhum	Rampurhat	1806	1423	0	0	1423	1423	Yes	Yes	Done
14	NADIA	Ranaghat	603	1018	0	0	1018	1018	Yes	Yes	Done
15	Birbhum	Sainthia	3498	1250	0	0	1250	1250	Yes	Yes	Done
16	Darjeeling	Siliguri MC	3055	4083	106	118	3859	2438	Yes	No	Under progress
17	Birbhum	Suri	1848	1876	0	0	1876	916	Yes	No	Under progress
18	Purba Medinipue	Tamralipta	2042	2542	0	0	2542	2462	Yes	No	Under progress
Total			123963	80156	2178	118	77860	74573			

Site Inspection Report.

Month- AUGUST 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	26.22	1. Due to pending work of house connection 2. The STPs are designed as per the year of 2044 projected population.	Not install till now	Total no. of household-80,000 Covered under old GAP connection-21000 To be covered in this phase-22300,executed till date-13910 pending-8390 Rest will be covered under GAP Ph-II , which is under process	NIL
2	Kalyani	Kalyani	21.00	Influent - 19.60 (avg) Effluent- 9.805 As on 31.08.2021	1. Due to pending work of house connection 2. The STPs are designed as per the year of 2030 projected population.	Not install till now	Out of 28,000 nos house connection, complted only 20,000 nos.	NIL
3	Gayeshpur	Gayeshpur	8.33	Influent: 4.28 MLD (51.38%) Effluent: 4.27 MLD	Inadequate house connection	Not install till now	7745 no HSC has been completed out of 15000 household.	Sewage (Influent) quality has been increased as compared to

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
				(51.26%)				previous month viz. July.2021 is 4.02MLD.
4	Budge Budge	Budge Budge	9.3	1.8	Only for available drain connection	Not install till now	Tender invited on 06.08.2021 for ward no 2,3,9,10,15,16,17 and 20, last date of bid submission is 01.09.21 and opening of tender on 03.09.21. For ward no 1,7,8,11,12,13,14 and 19, the last date of bid submission is 08.09.21 and opening of tender on 10.09.21	HDPE pipe line : 116 m
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 and House connection work has also not been completed. Presently sewage from the existing	Not install till now	<p>For 18.0 MLD:</p> <p>Nearly 22000 house connection are required. Presently Local Municipality invited tender for the House connections but work has not been done here.</p> <p>For 6.0 MLD:</p> <p>Nearly 10000 house connection are required. Presently Local Municipality invited tender for</p>	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
					drains are being taken by I& D structures		the House connections nearly 300 has been done so far.	
6	Halisahar	Halisahar	16.0	3.00	Pending of house connection. Only drain water collected	Not install till now	63 nos tender has been invited by Halisahar Municipality. After opening of financial bid, it is found that the average quoted rate of the tender is about 9% above of the estimate put to tender. Halisahar Municipality will place the matter before the departmental tender committee, UD & MA Department Govt. of West Bengal for acceptance of the tender.	Operation & Maintenance work for STP started.

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



Grit Chamber



SBR

GAYESHPUR SBR& GRIT CHAMBER

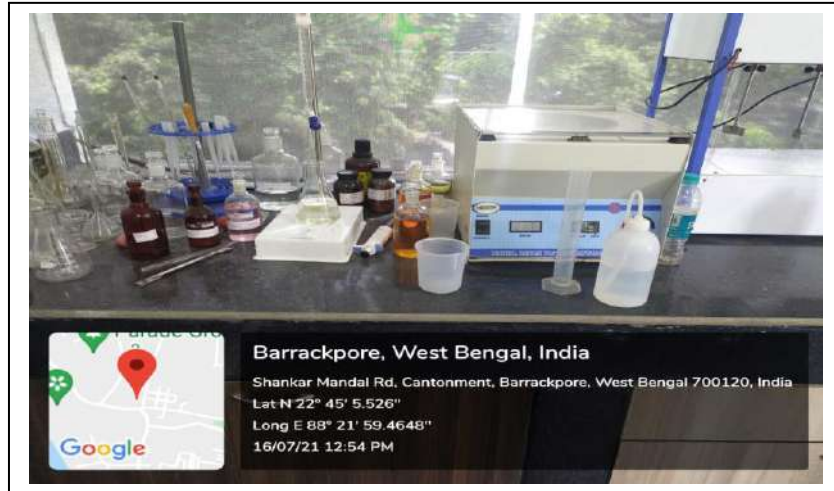


HALISHAHAR SITE

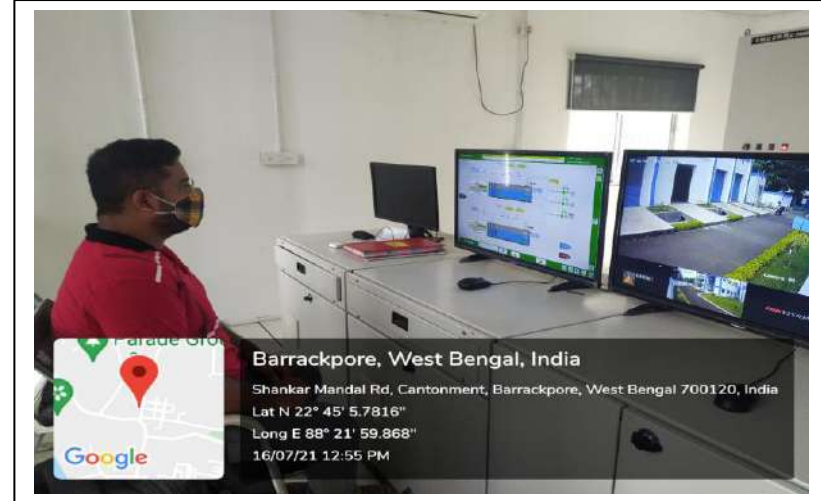


KALYANI SITE

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



BARRACKPORE STP SITE



BARRACKPORE STP LABORATORY



KALYANI STP LABORATORY

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



LIFTING STATION-7, BUDGE BUDGE



BUDGE BUDGE STP

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	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. Already tender floated. The said tender is treated cancelled due to minimum technically qualified bid not received. The 2nd call will be shortly invited.	Non-functional	Nil
2	Champdani	Champdani	1.00	Installed-2009 Non-functional-2018	This project needs to be shifted from the Rejuvenation category to		

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
					Augmentation category and hence new DPR will be prepared by engaging consultant through e-tender. Already tender floated. The said tender is treated cancel due to minimum technically qualify bid not received.	Non-functional	Nil
3	Bandipur (Khardah)	Khardah	14.00	Data not available	Work in progress	Overall physical progress as on 31.08.2021 : 26% comprising 1.Repairing & renovation of STP- 20% 2.Cleaning, Repairing & renovation of network- 40%	Work in progress
4	Garulia	Garulia	7.90	2004 Data not available	Work in progress	Overall Physical Progress as on 31.08.2021 is : 83% comprising 1.Repairing & renovation of STP- 85% 2.Repairing & renovation of MPS (1 nos) and LS (1 no.)-90%	Overall physical progress increase 3% 1.Repairing and renovation STP work increases 0% from

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
						3. Repairing & Rrenovation of network- 80% 4.Repairing & renovation of Diversion structure-85%	previous month. 2. Increase in work in Repairing&renovation of MPS (1nos) and LS (1 no.)-0% 3. Repairing & renovation of network- 10% 4.Repairing & renovation of Diversion structure-5% from previous month
5	Naihati	Naihati	6.50	Data not available	Work in progress	Overall physical progress as on 31.08.2021 : 79% comprising 1.Repairing & renovation of STP-85% 2.Repairing & renovation of MPS (2nos)-90% 3.Repairing & renovation of network-50% 4.Repairing & renovation of Diversion structure-95%	Overall physical progress increase 1% 1.Repairing& renovation of STP-5% 2.Repairing and renovation of MPS (2nos): 0%. 3. Repairing & renovation of network-0% 4. Repairing &renovation work of Diversion structure-5%.

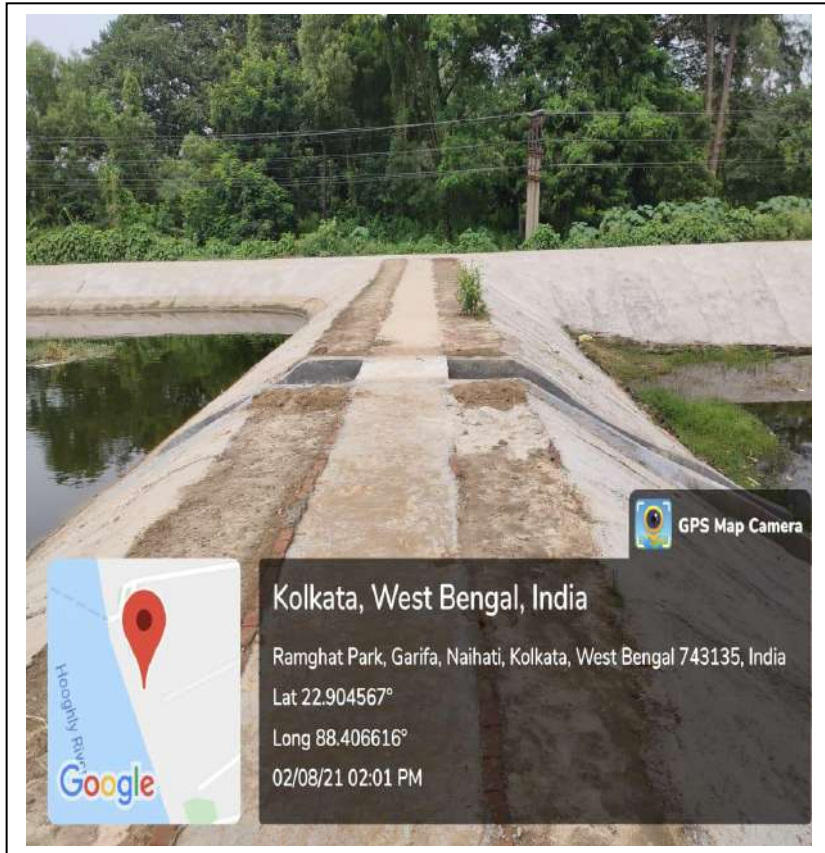
Sl. No	Location	ULB Jurisdiction	Capacity in MLD	Installed in (year) Non functional since (year)	Current initiative towards functionalization, if any	Present Status	Incremental progress over the last visit
6	Panihati	Panihati	12.00	1993 Data not available	Work in progress	Overall physical progress as on 31.08.2021 : 61% comprising Repairing & renovation of STP-78 % Repairing & renovation of MPS (1nos) and LS (3no.)-72% Repairing & renovation of network-29% The work was disrupted during the Nation wide lock down for nearly 3 months and has just recommenced.	Overall physical progress increase : 1% 1.Repairing and renovation of STP work : 1% 2. Increases in Repairing &renovation work MPS & LS: 7%. 3. Repairing & renovation of network-1%.
7	Baidyabati	Baidyabati	6.00	2007 Data not available	LOI issued on 24th MAY, 2021 work order issued on 11.06.2021	Overall physical progress as on 31.08.2021 is 26.60% 1.Repairing & renovation of STP-10.40% 2.Repairing & renovation of Lifting station (2nos) &MPS (1 nos)-6.60 % 3.Cleaning,Repairing & renovation of network- 62.80%	Overall physical progress increase : 4.26% 1.Repairing and renovation of STP work : 10.40% 2. Increases in Repairing &renovation work MPS & LS: 6.60%. 3. Repairing & renovation of network-62.80%.
8	Bhadreswar	Bhadreswar	7.60	2006 Data not available	LOI issued on 24th MAY, 2021 work order issued on 11.06.2021	Overall physical progress as on 31.08.2021 is 21.60% 1.Repairing & renovation of STP-15% 2.Repairing & renovation of MPS (1nos)&Lifting station (1nos) -6.80% 3.Cleaning,Repairing & renovation of network- 43%	Overall physical progress increase : 13.90% 1.Repairing and renovation of STP work : 15% 2. Increases in Repairing &renovation work MPS & LS: 6.80%. 3. Repairing & renovation of network-43%.

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
9	Chandannagar	Chandannagar	22.66	1996 Data not available	Work is in Progress	<p>Overall physical progress as on 31.08.2021 is 25%</p> <p>1.Repairing & renovation of STP-25% 2.Repairing & renovation of MPS (1nos) and LS (2no.)-25% 3.Cleaning,Repairing & renovation of network- 0% 4. Repairing and renovation of Oxidation ponds alone with internal drains within S.T.P premiese is in progress-50%</p>	<p>Overall physical progress increase : 7%</p> <p>1.Repairing and renovation of STP work : 8% 2. Increases in Repairing &renovation work MPS & LS: 7%. 3. Repairing & renovation of network-0% 4. Repairing and renovation of Oxidation ponds alone with internal drains within S.T.P premiese is in progress-35%.</p>
10	Bansberia	Bansberia	0.30	2009 Data not available	Work is in Progress	<p>Overall physical progress as on 31.08.2021 is 35%</p> <p>1.Repairing & renovation of STP-50% 2.Repairing & renovation of MPS (1nos) -18% 3.Cleaning,Repairing & renovation of network- 30%</p>	<p>Overall physical progress increase : 5%</p> <p>1.Repairing and renovation of STP work : 16% 2. Increases in Repairing &renovation work MPS & LS: 0%. 3. Repairing & renovation of network-4%.</p>
11	Uttarpara - Kotrung and Konnagar	Kanaipur Gram Panchayet	22.00	2007 Data not available	Work is in	<p>Overall physical progress (Civil work)as on 31.08.2021:</p> <p>1. Repairing & renovation of STP: 75%, 2.Repairing & renovation of LS (4 nos.): -90%</p>	<p>Overall physical progress increase :</p> <p>1.Repairing and renovation of STP work : 0%</p>

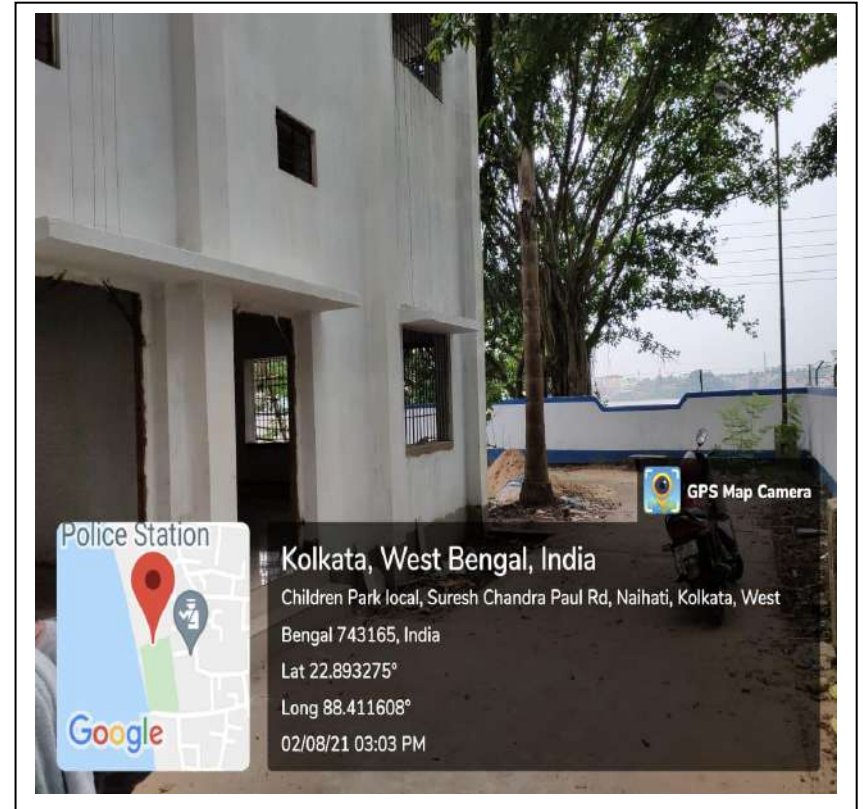
Sl. No	Location	ULB Jurisdiction	Capacity in MLD	Installed in (year) Non functional since (year)	Current initiative towards functionalization, if any	Present Status	Incremental progress over the last visit
					Progress	3. MPS (1 no):- 95% , 4. Cleaning, Repairing & renovation of network- 15%, 5. Road restoration work :- 30%	2. Repairing &renovation of LS (4 nos.):0% &MPS (1 no):- 0%, Increases in Repairing &renovation work MPS & LS: 0%. 3 Cleaning, Repairing & renovation of network- 0%, 4. . Road restoration work :- 5%
12	Naihati	Naihati	11.56	2009 Data not available	Work is in Progress	Overall Physical Progress as on 31.08.2021 is: 66% 1.Repairing & renovation of STP- 92% 2.Repairing & renovation of MPS (1nos) and LS (1 no.)-88% 3.Cleaning,Repairing & renovation of network- 50% 4.Repairing & renovation of Diversion structure-60%.	Overall physical progress increase : 3% 1.Repairing and renovation of STP work : 2% 2. Repairing& renovation of MPS (1nos) and LS (1 no.)-8% 3. Cleaning, Repairing & renovation of network - 30%. 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 31.08.2021 is : 66% comprising 1.Repairing & renovation of STP- 78% 2.Repairing & renovation of MPS (1	Overall physical progress increase : 2% 1.Repairing and renovation of STP work : 2% 2. Repairing& renovation of MPS (1nos) and LS (3 no.)-

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
						nos) and LS (3 no.)-55 % 3.Cleaning,Repairing & renovation of network- 55 % 4.Repairing & renovation of Diversion structure-75 %	5% 3. Cleaning, Repairing & renovation of network -5%. 4. Repairing & renovation of Diversion structure-0%

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



NAIHATI WSP

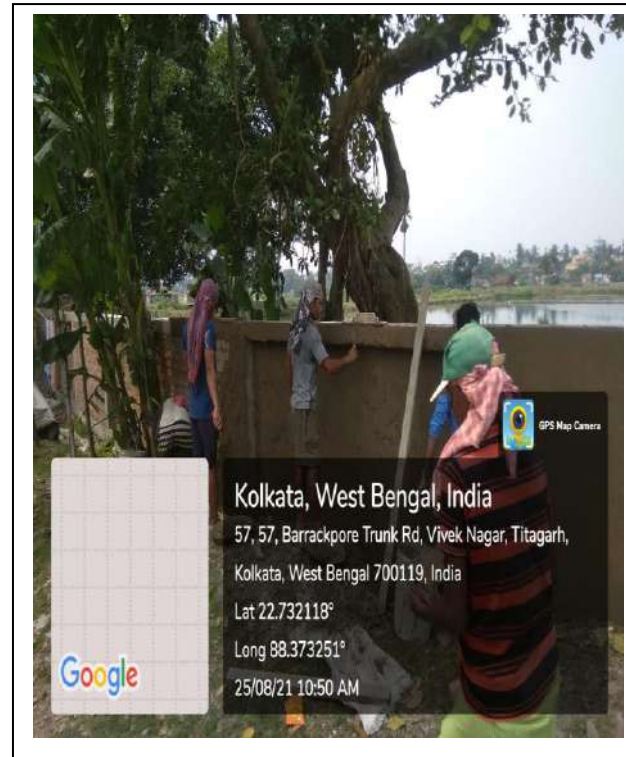


NAIHATI ASP

SITE VISIT PHOTOGRAPH OF STP_s UNDER NON-OPERATIONAL/ PARTIALLY OPERATIONAL IN AUGUST, 2021



TITAGARH STP

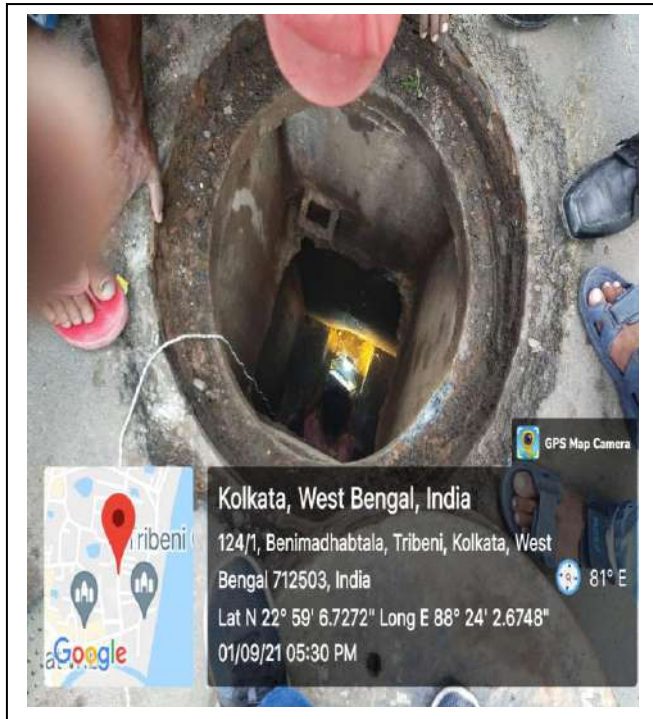


TITAGARH STP



UTTARPARA-KONNAGAR

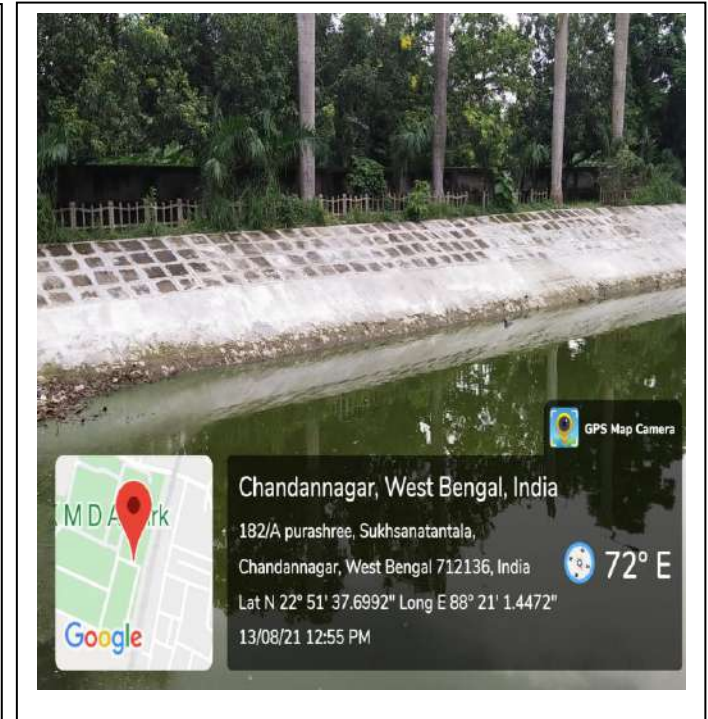
SITE VISIT PHOTOGRAPH OF STP_s UNDER NON-OPERATIONAL/ PARTIALLY OPERATIONAL IN AUGUST, 2021



BANSBERIA NETWORK CLEANING
CHANDANNAGAR POND 3



LALBAGAN MPS, CHANDANNAGAR



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



BAIDYABATI



GARULIA STP



BHADRESWAR

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 31.08.2021 is 85%.	Overall Physical Progress increases as compared with previous month: 3%. 1. Progress in construction of 9.5 MLD STP: 2%
2	Kanchrapara	Kanchrapara	18.00 MLD	Feb,2022	Under Construction Overall physical progress achieved as on 31.08.2021 is 54%.	Overall Physical Progress increases as compared with previous month: 2%. 1. Construction work of 18 MLD capacity STP increases: 3%.
3	Jangipur	Jangipur	8.00 MLD	May,2022	Physical Progress upto 31.08.2021: 13.22% Already 154 nos. of Pile has been driven in connection with construction with the Jangipur 8 MLD STP. Construction of MCC- Blower Room & Centrifuge House of STP was in progress. Construction of STP-21%. The design and vetting 1 No. of MPS is completed. Laying of sewer line about 982 m completed till date .Due heavy erosion occuring in the bank just adjacent to the ongoing STP site, it has been decided in the meeting held at Jangipur Municipality,that the ongoing works of Jangipur STP will remain stopped until the permanent bank work for 1 Km stretch is completed from the end of the Irrigation & Waterways Dte,GoWB. Due to non avalibility of suitable land,the proposed lifting Station - 1 has been descoped and resurvey of the Jangipur network is under process. Now,	Overall progress increases 0%.

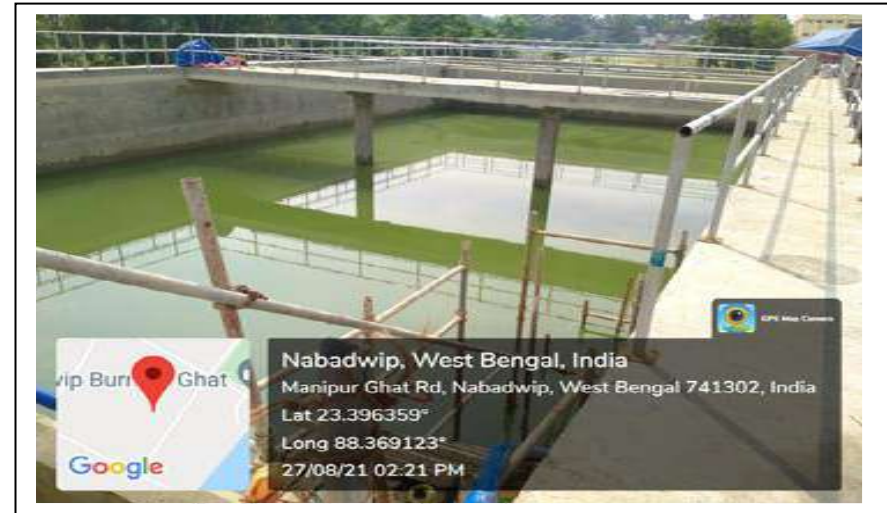
Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
					relevant clearance for resuming the work has been given by the competent authority.	
4	Raghunathgaunge	Jangipur	5.00 MLD	May,2022	Physical Progress upto 31.08.2021 : 9.90% Already 110 nos. of pile has been driven in connection with construction with the 5 MLD STP at Raghunathganj. Construction of MCC- Blower Room & Centrifuge House of STP is in progress. Construction of STP-19%. The design and vetting 1 No. of MPS is completed. Also due non availability of suitable land, the proposed lifting Station -1 has been descope and resurvey of the Jangipur network will be done. Execution of Pipe line will done after resurvey and also after the finalization of the land for LS-1.	Overall progress increases 0%. Execution of Pipe line will done after resurvey and also after the finalization of the land for LS-1.
5	Berhampore	Berhampore	3.50 MLD	May,2022	Physical Progress upto 31.08.2021 : 3.38% Laying of HDPE(DWC) pipe of 405 m length done till date. The design work for setting up 3.5 MLD STP is under process. The land for setting up the STP has been identified and IDT is under process. The clearance for commencement of the work has been obtained to this end by the competent authority. 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.	Overall physical progress increase over previous month is 1.28%.
6	Bally (Kona)	Jagacha Gram Panchayet	62.00	Sept.-2023	Overall physical progress as on 31.08.2021: 1. Filling of land is under progress (90% completed). 2. Construction of site office started.	Construction work of site office started.

Sl. No.	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
7	Arupara	Howrah	65.00	Sept.-2023	Overall physical progress as on 31.08.2021: Pilling work is in progress (Total 521nos of piles are completed).	<ol style="list-style-type: none"> effective date is declared 08.03.2021 by the NMCG for this HAM project with 15 years O&M. 188 nos pile completed in this month.
8	Mathkal	Baranagar	60.00	Sept.-2023	Overall physical progress as on 31.07.2021: <ol style="list-style-type: none"> Dismantling work is in progress (90% completed). 2. Pilling work is started. (Total 104 nos of piles are completed) 	<ol style="list-style-type: none"> 101 nos pile completed in this month.

SITE INSPECTION OF DIFFERENT PROJECT UNDER EXECUTION IN AUGUST , 2021



NABADWIP STP



NABADWIP STP



KACHRAPARA



KACHRAPARASTP SITE

SITE INSPECTION OF DIFFERENT PROJECT UNDER EXECUTION IN AUGUST 2021



BERHAMPORE-JANGIPUR STP SITE



BERHAMPORE-JANGIPUR STP SITE



BERHAMPORE-JANGIPUR STP SITE

SITE INSPECTION OF DIFFERENT PROJECT UNDER EXECUTION IN AUGUST 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 is in progress.	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 in progress.	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/interception of 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 in progress.	completed.
6.	Imambara Khal	Hooghly-Chinsurah	13.0 MLD	Consider in Hooghly - Chinsurah Revised DPR	No	Tender of Hooghly - Chinsurah STP is in progress	NIL
7.	Chinsurah-Majir Rasta Drain	Hooghly-Chinsurah	88.1 MLD	Consider in Hooghly - Chinsurah Revised DPR	No	Tender of Hooghly - Chinsurah STP is in progress	NIL
8.	ChandniGhat Drain	Hooghly-Chinsurah	1.7 MLD	Consider in Hooghly - Chinsurah Revised DPR	No	Tender of Hooghly - Chinsurah STP is in progress	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 partial flow will be diverted to STP after rejuvenation.	NIL
10.	Serampore / Bhagirathi Drain	Serampore	14.6 MLD	Planned to be diverted to the existing Serampore STP which will be	No	Tender invited for preparation of	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
				renovated after the finalization of Tender		DPR	
11.	Chatra Khal	Serampore	70.0 MLD	Planned to be diverted to the existing Serampore STP which will be renovated after the finalization of Tender	No	Tender invited for preparation of DPR	Financial evaluation in progress
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	NO	Installation of Lock gate completed and partial flow will be	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
				district.		diverted to STP after rejuvenation.	
16.	Hasting Ghat Drain	Rishra	29.0 MLD	Considered to be connected with the existing LS at Rishra Hooghly district.	Considered to be connected 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

Sl no.	Name of drain	City/Town of confluence point	Flow of drain(MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
21.	Kuthighat Drain/ Baranagar Khal	Baranagar	2.1 MLD	Considered in Kamarhati-Baranagar STP (60.00 MLD) at Baranagar which shall be executed by Ganga STP Project Pvt. Ltd. under HAM	No	NIL	NIL
22.	ChitpurGhat Khal/ Circular Canal	Chitpur	458.6 MLD	KMC area connected with 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,	844.5 MLD	3 new STPs are proposed (KMC)	Under KMC	Tolly'sNullah is guarded with 8 floating	Under KMC

Sl no.	Name of drain	City/Town of confluence point	Flow of drain(MLD)	Any STP operation/planned in the catchment area or likely diversion/interception of the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
		Kolkata				garbage arrester nets at different locations to arrest the floating materials for the ease of removing the same from reaching to the River.	
28.	Nimtala Burning Ghat Drain	Nimtala Ghat, Kolkata	24.9 MLD	This is combined sewer overflow line. There is a penstock gate arrangement to discharge diluted sewage in river. DWF is taken to EKW through a system of sewer network, pumping stations and canals. (KMC).	NO	Under KMC	NIL
29.	Dhankheti/ PB Ghat Khal	Metiabruz, Kolkata	80.9 MLD	Draft DPR for I&D submitted to NMCG for approval on 30.03.2019. 3 New STPs are proposed.	Under KMC	Dhankheti Khal is guarded with 3bar screens at different locations to arrest the floating materials for the ease of removing the	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
						same from 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	Already tapped with the Bhatpara 31 MLD STP at Jagaddal.	No	Already intercepted and diverted to Ex-LS-04 and finally delivered to 31 MLD STP at Jaggadal.	nil
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

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
35.	Old Muni Khali Khal	Mahestala	6.9 MLD	Considered in Maheshtala I&D network project	No	LOA issued to the agency. Work will be started after financial closure.	
36.	Bhatpara Drain	Bhatpara	2.6 MLD	NO	NO	Already been taken up by GAP sector KMDA Already been taken up by GAP sector KMDA	NIL
37.	Pratapnagar-Rajbari Drain	Bhatpara	35.3 MLD				
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	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
					therefore a disinfection unit proposed there.		
41.	Champdani Ferry Ghat / PaolghatDrain	Chapdani	2.6 MLD	I&D work proposed after Augmentation/Up-gradation of existing STP at Serampore&Champdani Municipal town.	Tender Invited for preparation of DPR.	Tender invited for preparation of DPR	Financial evaluation in progress
42.	Khardah Khal	Khardah	271.5 MLD	NO	Drain with humungus capacity and flow will be treated as separate canal/River	Tender invited for preparation of DPR	Financial evaluation in progress
43.	N.C. Pal Khal	Sankrail, Howrah	10.7 MLD	NO	Tender invited forPreparation of DPR for Howrah added zone in I&D with STP	Tender invited for preparation of DPR	Financial evaluation in progress
44.	Saraswati Khal	Howrah	20.6 MLD	NO	Tender invited forPreparation of DPR for Howrah	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
					added zone in I&D with STP.		
45.	DhopaGhat Drain	Bansberia	0.1 MLD	NO	NO	Tender invited for preparation of DPR	Financial evaluation in progress
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	Tender invited for preparation of DPR	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

SI no.	Name of drain	City/Town of confluence point	Flow of drain(MLD)	Any STP operation/planned in the catchment area or likely diversion/interceptionof the drain of STP	Any alternative Pollution Abatement measures taken	Present Status	Incremental progress over the last visit
					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	Tender invited for preparation of DPR	Financial evaluation in progress
54.	Singhi More Khal	Sankrail, Howrah	1.1 MLD	NO	Tender invited forPreparation of DPR for 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 intercepted in the Kanchrapara STP (18.00 MLD capacity) which is under execution.	No	I&D work is under Progress	Nil

SITE VISIT PHOTOS OF OUTFALLS IN AUGUST 2021



BAGHER KHAL



BAGHER KHAL

SITE VISIT PHOTOS OF OUTFALLS IN AUGUST 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:06.09.2021

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

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

Memo No. 109/ (16)- JS(NG)

Date: 01.09.2021.

To:

- 1) The Municipal Commissioner, Kolkata Municipal Corporation, 5, S.N. Banerjee Road, Kolkata-70001.3
- 2) The C.E.O., K.M.D.A & PD, SPMG, Unnayan Bhavan, Sector-II, Salt Lake, Kolkata- 700091.
- 3) Additional Secretary, Environment Department, Pranisampad Bhavan, 5th Floor, LB-2, Sector-III, Salt Lake, Kolkata-700106.
- 4) Special Secretary & Chairman, Liquid Waste Management Committee, Department of UD & MA.
- 5) The Municipal Commissioner, Howrah Municipal Corporation, 4, Mahatma Gandhi Road, Howrah – 711101
- 6) DG Tolly Nullah, 5, S.N. Banerjee Road, Kolkata-700013.
- 7) Director, SUDA, HB-305, AB Rd, HC Block, Sector III, Bidhannagar, Kolkata, West Bengal 700106.
- 8) Joint Secretary, Budget, Department of UD & MA.
- 9) Chief Engineer, GAP Sector, KMDA, Unnayan Bhavan, Sector-II, Salt Lake, Kolkata- 700091.
- 10) Secretary, MED, Bikash Bhavan, Salt Lake, Kolkata, West Bengal 700091.
- 11) Chief Engineer, MED and his Team, Bikash Bhavan.
- 12) Dr. T.K. Gupta, Chief Technical Advisor , WBPCB and Environment Department, GoWB, Paribesh Bhavan, 10A, LA Block, Sector III, Bidhannagar, Kolkata- 700106.
- 13) Additional Chief Engineer, SJDA, 41/196, Hill Cart Rd, Ward 3, Pradhan Nagar, Siliguri, West Bengal 734001
- 14) Deputy Secretary, I&W Department, JALASAMPAD BHAWAN, 1st Floor, DF Block, Sector 1, Bidhannagar, Kolkata, West Bengal 700091
- 15) Administrator, Jiaganj-Azimganj Municipality, Kulipara, Guripara, Jiaganj Azimganj, 742122
- 16) Senior Law Officer, Department of UD & MA.

Sub: - Minute of the Review Meeting of Honourable MOS (IC) and Principal Secretary UD & MA Department on Issues related with Liquid Waste Management held on 17th August 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
Department of Urban Development &
Municipal Affairs.
Government of West Bengal

(Nandini Ghosh, IAS)
Joint Secretary

Date: 01.09.2021.

Memo No. 109/1(2) - JS (NG)

Copy forwarded for kind information to:

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

NANDINI GHOSH, IAS
Joint Secretary
Department of Urban Development &
Municipal Affairs.
Government of West Bengal

Joint Secretary

**Minutes of the Review Meeting of Honourable MOS(IC) and 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 17th August 2021 at the Conference Hall of Nagarayan.**

The meeting was chaired by Hon'ble MOS (IC) and was attended by the officials and Engineers of different Department as below:

1. Principal Secretary UD& MA
2. Municipal Commissioner, KMC and his Team
3. CEO KMDA & PD SPMG along with her Team
4. Additional Secretary, Environment Department
5. Special Secretary & Chairman, LWM Committee
6. Joint Secretary in charge of LWM Cell
7. Municipal Commissioner, Howrah Municipal Corporation
8. DG Tolly Nullah
9. Director SUDA and his Team
10. Joint Secretary, Budget UD & MA
11. Chief Engineer, GAP Sector, KMDA
12. Secretary MED
13. Chief Engineer, MED and his Team
14. Dr T.K. Gupta, Chief Technical Advisor, WBPCB
15. Additional Chief Engineer, SJDA
16. Deputy Secretary, I&W Department
17. Jiaganj-Azimganj Municipality
18. Senior Law Officer Department of UD & MA and his Team

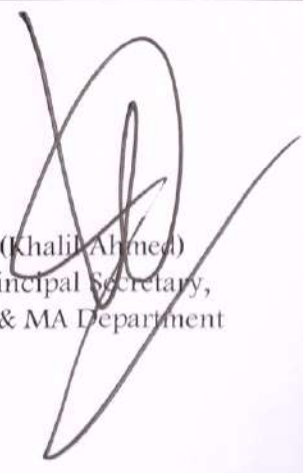
Joint Secretary, LWM Cell has presented the issues related with Liquid Waste Management in details. The progress has been reviewed by Hon'ble MOS and Principal Secretary UD & MA at length. The decisions which were taken in this Meeting are given below:

Sl. No.	Agenda and Executing Agency	Decisions taken
1)	Adi Ganga/Tolly Nullah – KMC OA No-12 Case disposed of but quarterly compliance to the Court through Report.	<ul style="list-style-type: none"> • Regular cleaning of both sides of Nullah is to be ensured. KMC should open a dialogue with Rajpur-Sonarpur Municipality regarding cleaning of the sides. Fortnightly Report is to be given, next Report due on 15th September 2021. • Replies to the observations on TBER to be sent to NMCG/World Bank by 31st August 2021. • DG Tolly Nullah informed that they have done a Coordination Meeting with all the stakeholders. As per their Report Metro Rail Authorities would demolish the Test Piles within two and half months of the issuance of the work order. Tender in this regard has already been floated by them as stated. KMC to submit a Minute of the Coordination Meeting held to the Chairperson of the Inter Departmental Coordination Committee constituted by the Department of UD & MA by 3rd September 2021.
2)	Budge Budge, Barrackpore, Halishahar STP Project-KMDA	<ul style="list-style-type: none"> • KMDA stated that the tenders for House to House Connections will be opened on 2nd week of September for Budge Budge. For Barrackpore and Halishahar, work of House to House Connections are going on. KMDA to submit an Updated Status of House to House Connections of these Projects by 30th September 2021.

3)	Nabadwip STP Project and Hooghly Chinsurah STP Project – KMDA	<ul style="list-style-type: none"> • KMDA stated that the STP would be functional by September 2021 and will start trial run. An Updated Report to be submitted by 22nd September 2021. • Since Hooghly-Chinsurah Project is lagging 6 months behind the schedule, KMDA has been instructed by HMOS to closely review and monitor the progress. Compliance Report to be submitted by 22nd September 2021.
4)	Churni river – KMDA OA No-471 Hearing may be fixed any time.	<ul style="list-style-type: none"> • The Project is lying before Finance Department for approval, since the cost has been escalated by 14% of the original cost. Joint Secretary Budget UD & MA is to co-ordinate with the finance Department and update the status to HMOS by 10th September 2021.
5)	Kestopur Canal and STP– KMDA OA NO- 14 Next date of Hearing is fixed on 23rd September 2021 .	<ul style="list-style-type: none"> • The DPR of Rs. 41 crores was sent back by the Department to KMDA with some observations and queries. KMDA would comply with the queries and update the Department by 15th September 2021. • Irrigation & Waterways Department has been asked to submit their Action Plans to the Department by 15th September with respect to dredging and cleaning of floating garbages along the stretch of the canal. • A Joint Inspection would be conducted by KMDA, I&WD, South Dum Dum Municipality, BMC, NKDA, WBPCB along the entire stretch of the canal to identify the major fouling points and also review the present position of the canal on Saturday 21st August 2021 and would submit a Report to the Department.
6)	Santragachi Jheel-HMC OA No -06 Next date of Hearing is fixed on 30th September 2021 .	<ul style="list-style-type: none"> • The final DPR of the STP to be submitted to the Department by 15th September 2021. • HMC and South Eastern Rail would carry out regular cleaning activities in and around Jheel. • Department of UD & MA would appoint a Senior Advocate separately for this case to plead before HNGT Eastern Bench. The directions of the Court given in its earlier Orders would be thoroughly scrutinised and course of actions and compliance will be recorded in the Affidavit in due course.
7)	Mahananda River-SJDA OA NO- 10 Next date of Hearing is fixed on 24th September 2021 .	<ul style="list-style-type: none"> • The Project amounting Rs. 63 crores is lying before the Finance Department. Joint Secretary Budget UD & MA to coordinate with FD and appraise the Department. • SJDA has been duly instructed by HMOS to co-ordinate and arrange everything needed for the visit of Hon'ble NGT Eastern Bench at Mahananda site Siliguri. • CEO SJDA has been instructed to sort out the land issues for construction of STP at Site - 1 with the District Administration.
8)	Mani Khal- KMC OA NO- 66 Next date of Hearing is fixed on 4th October 2021 .-	<ul style="list-style-type: none"> • Irrigation & Waterways Department has been requested to submit their Action Plans to the Department by 15th September 2021. • KMDA has been appointed as Nodal Agency from the Department to coordinate with all the stakeholders of this case and brief the Department time to time about the Development. • Department of UD & MA would appoint a Senior Advocate separately for this case to plead before HNGT Eastern Bench. The directions of the Court given in its earlier Orders would be thoroughly scrutinised and course of actions and compliance will be recorded in the Affidavit in due course. • The Environment Department designated as Nodal Department by Hon'ble Court in this case has been requested to convene the Meeting of the Committee (constituted by the Court) by first week of September 2021. • The stretch of Mani Khal from Taratala to Jinjira Bazar is under jurisdiction of KMC. KMC will reduce the Pollution load of this stretch by integrating the Pollution Abatement Plan of this stretch with the up gradation plan of its Garden Reach-Keora Pukur STP. A compliance Report is to be given by 15th September 2021.

		<ul style="list-style-type: none"> • KMC has to take all measures to prevent the discharge of the waste generated in its Garden Reach water Treatment Plant. It has to develop an integrated Sludge Management Plan so that the sludge does not enter into Mani Khal. Principal Secretary UD & MA has instructed KMC to take the views of Chief Engineer GAP while developing the Sludge Management Plan of Water Treatment Plant. A Report is to be submitted by 15th September 2021. • From Jinjira Bazar to Ganga stretch is under supervision of Maheshtala Municipality and KMDA. KMDA has been instructed to design a master plan for reducing pollution load of this stretch and integrate it with the Mahestala STP Project executed by Gap Sector KMDA. A Report to be given by 15th September 2021.
9)	Jiaganj-Azimganj STP Rejuvenation Project - MED	<ul style="list-style-type: none"> • Secretary MED informed that the Tender for this work has been matured and Bid evaluation is going on. • Joint Secretary Budget UD MA has been requested to allow the mode of operation of this Project under UIDSSMT.

The Meeting ended with thanks to the Chair.



 (Khalid Ahmed)
 Principal Secretary,
 UD & MA Department

**Minute of the Joint Inspection cum Meeting on Ganga Ghats and Crematorium in Garulia Municipality by
Joint Secretary, UD & MA Department, GoWB, Representatives from Municipality & EPIL**

Date of Visit: 27/07/2021

Sl no.	Ganga Ghat	ULB	Action needs to take by EPIL	Action needs to take by Municipality
1.	Ratneswar Ghat	Garulia Municipality	<ul style="list-style-type: none"> ▪ Pollution Duct at Electric Crematorium Unit- I would be handed over to Municipality on 5th August, 2021 ▪ Repairing work of the shed of waiting hall would be done within 31st July, 2021. ▪ Painting of newly made Toilets & Changing room would be done as well as Non transparent color glasses & Curtain would be installed in Changing room's window within 31st July, 2021. ▪ Guard, Hooks, Hanger Stand, Trash bag, Mirror, Basin, Bath mat would be installed in Changing room within 31st July, 2021. ▪ Rebounding of chain in bathing Ganga ghat to be done within 5th August, 2021. 	<ul style="list-style-type: none"> ▪ Electricity Connection of newly made Toilets and changing room to be done within 31st July, 2021. ▪ Signage of both Ladies and Gents Toilet & Changing room need to be installed within 31st July, 2021. ▪ IEC installation in ghat premises to be done within 15th August, 2021.
			<ul style="list-style-type: none"> ▪ A joint visit about Electricity Connection in Ratneswar ghat to be made by EPIL, Garulia Municipality and Construction Agency on 29th July, 2021. 	<ul style="list-style-type: none"> ▪ A joint visit about Electricity Connection in Ratneswar ghat to be made by EPIL, Garulia Municipality and Construction Agency on 29th July, 2021.
2.	Thakurbari Ghat	Garulia Municipality	<ul style="list-style-type: none"> ▪ Septic Tank hole to be covered permanently with cemented construction within 31st July, 2021. ▪ Painting of newly made Toilets and Cover of toilet's window would be installed within 31st July, 2021. ▪ Rebounding of chain in bathing ghat to be done within 15th August, 2021. 	<ul style="list-style-type: none"> ▪ IEC installation to be done by 15th August, 2021.
3.	Rasiklal Ghat	Garulia Municipality	<ul style="list-style-type: none"> ▪ Completion of Changing room including painting, water supply would be done within 31st July, 2021. ▪ Rebounding of chain in bathing ghat to be done within 15th August, 2021. 	<ul style="list-style-type: none"> ▪ IEC installation to be done by 15th August, 2021.

NANDINI GHOSH, IAS
 Joint Secretary
 Department of Urban Development &
 Municipal Affairs.
 Government of West Bengal



4.	Sidheswari Ghat	Garulia Municipality	▪ Rebounding of chain in bathing ghat to be done within 15 th August, 2021.	▪ IEC installation to be done by 15 th August, 2021.
5.	JaliaparaGhat	Garulia Municipality	▪ Rebounding of chain in bathing ghat to be done within 15 th August, 2021.	▪ IEC installation to be done by 15 th August, 2021.
6.	Old burning Ghat	Garulia Municipality	▪ Rebounding of chain in bathing ghat to be done within 15 th August, 2021.	▪ IEC installation to be done by 15 th August, 2021.
7.	Girish Ghat	Garulia Municipality	▪ Rebounding of chain in bathing ghat to be done within 15 th August, 2021.	▪ IEC installation to be done by 15 th August, 2021.
8.	Babu Ghat	Garulia Municipality	▪ Rebounding of chain in bathing ghat to be done within 15 th August, 2021.	▪ IEC installation to be done by 15 th August, 2021.
9.	KangaliGhat	Garulia Municipality	▪ Rebounding of chain in bathing ghat to be done within 15 th August, 2021.	▪ IEC installation to be done by 15 th August, 2021.

N.B.:

- I. The two newly constructed ghats (Thakurbari and Rasiklal ghat) will be handed over to Garulia Municipality on 31st July 2021, by EPIL.
- II. For any Construction/Repairing/Painting work, Municipality will be informed beforehand by EPIL.
- III. Scope of Works of Old Crematorium and two newly made ghat to be submitted to UD & MA department, GoWB & to the Municipality.
- IV. Blue and Green Bins were found placed in all the Ganga ghats of Garulia Municipality, done by SUDA.
- V. Lots of Garbage was seen in Ratneswar ghat, to be cleaned in periodic interim by Municipality.
- VI. All concerned are requested to comply with the target dates as stated in the minutes and will inform officially to the undersigned after completion of works as mentioned above.
- VII. A copy of the MOM is to be placed before HMOS, Hon'ble Principal Secretary of UD & MA Department, GoWB and NMCG for kind perusal and further instructions.

The attendance sheet of this joint inspection is also enclosed herewith.

Nandini Ghosh
Joint Secretary UD & MA
Nodal Officer to NMCG

NANDINI
NANDINI GHOSH, IAS
Joint Secretary
Department of Urban Development &
Municipal Affairs.
Government of West Bengal


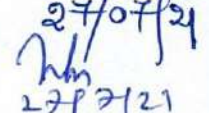
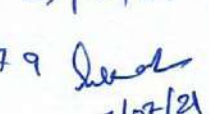
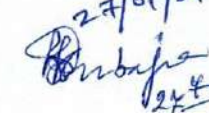
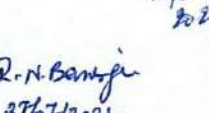

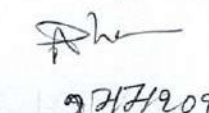
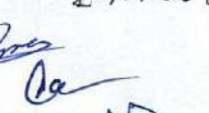
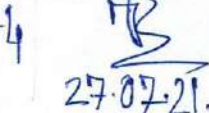

Photographs of Joint Inspection

Thakurbari Ghat



Rasiklal Ghat



Sl.no.	Name	Designation (Organization)	Mobile no.	Sign
1.	Nandini Ghosh	JS / UD & MA	9830193174	 27/07/21
2.	Md. Mujibur Rahema	E.O, Garulia Municipality	9933847202	 27/7/21
3.	SUSANTA SARKAR	S.A.E (Garulia Municipality)	9804188879	 27/07/21
4.	Poibhas Kumar Sarbajya	S.A.E (Garulia Municipality)	9433458201	 27/7/21
5.	Ranendra Nath Banerjee	S.A.E. (Garulia Municipality)	9433441905	 27/7/2021
6.	J. K Mondal	Sr. Manager, EPI	9835409792	 27/7/2021
7.	Aham Dhara	Asst. Manager, EPI	8820629623	 27/7/2021
8.	Md. Arman uddin (Urmita RCP)	Sr. General Manager	9163834444	 27/7/2021
9.	Deepesh Ranjan	Sr. Co-ordinator	9542034745	 27/7/2021
10.	Trishanu Rakia	Com & P.O. Co-ordi- nator, WBS PMU	8697062174	 27.07.21.

**Annexure-C:
Photographs of Cleaning of Solid Waste and floating garbages from
Tolly Nullah.**



REPORT ON
JOINT INSPECTION AT TOLLY'S NULLAH
2ND JULY 2021
SHAHID KHUDIRAM TO KUDGHAT METRO STATION



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1.	Main Report	1-2
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3.	Annexure-B (Plastic and Solid Waste)	5
4.	Annexure-C (Water Quality of the Nullah)	6
5	Annexure-D (Floating Garbage Arresters)	7
6.	Attendance Sheet	-
7.	Water Quality Reports	-

Report on Joint Inspection at Tolly Nullah on 02.07.2021.

A Joint Visit was conducted by the Department of UD & MA GoWB, WBPCB and Department of Environment GoWB, I&W Department GoWB, Metro Railway Authorities, Kolkata Municipal Corporation and Rajpur- Sonarpur Municipality on 02.07.2021 along the stretch of Tolly Nullah from Shahid Khudiram Metro Station up to Kudghat Metro Station. The team was represented by the following officials:

Sl. No	Name	Designation
1.	Smt Nandini Ghosh	JS UD MA, Chairman Tolly Nullah Committee.
2.	Dr. T.K. Gupta	CTA, WBPCB
3.	Shri D. Gupta	Senior Scientist, WBPCB
4.	Shri B.Mal	Environment Engineer, WBPCB
5.	Shri A.K.Haldar	Assistant Executive Engineer, Metro Railway
6.	Shri G.Gangopadhyay	Sr DEN, Metro Railway
7.	Shri R.N.Rao	Executive Officer, Rajpur-Sonarpur Municipality
8.	Shri B.Majumdar	DG, Tolly Nullah
9.	Shri Pravankar roy	EE(C), Tolly Nullah
10.	Shri Frazul Haque	EE(C), Tolly Nullah
11.	Shri Indranil Mukherjee	S.A.E (C), Tolly Nullah
12.	Shri Suman Saha	S.A.E (C), Tolly Nullah
13.	Shri Sukdev Das	Convenor of the Committee and Senior Law Officer, Department of UD & MA

The purpose of the Visit was to ascertain the condition and health of Tolly Nullah under the five Metro Station and along the stretch as mentioned above. The left hand side of the stretch from Dhalai Bridge to Garia Bazar is under the supervision of the Rajpur-Sonarpur Municipality and the rest of the stretch in the left hand side and the entire right hand side is maintained by KMC.

The following observations were made during the Visit:

1. Encroachment:

Temporary and Permanent constructions were seen in both the sides which includes Pice hotels, Stationary Stores, Vehicle Repairing Shops etc and the sewage generated from these encroachments was seen to be directly discharging into Tolly Nullah (Photographs included in **Annexure-A**).

2. Plastic and Solid Waste:

Heaps of Solid Waste was found in both the sides of the Nullah particularly along the stretch from Dhalai Bridge to Kavi Nazrul Metro Station (Garia Bazar). Loads of ashes were found to be stacked on both sides of the Garia Bazar Bridge. So much so, the heap of garbages found to obstruct the flow of water at the point between Garia Bridge to Kavi Nazrul Metro Station (Photographs included in **Annexure-B**).

3. Water Quality of the Nullah:

In the plain eye, the water appeared to be very polluted containing several floating materials and garbages. The Visit was conducted on the high tide, where some movement/flow of water was observed. The latest Water Quality Reports as obtained from WBPCB at different points of the Stretch during High and Low tide are attached along with photographs in **Annexure-C**.

4. Unfinished structure (Test Piles) of Metro Rail:

Unfinished concrete structures were seen during this stretch even in High tide which was obstructing the free flow of water.

5. Floating Garbage Arresters:

KMC has installed Floating Garbage Arresters at different points where the Garbage is getting cleaned at regular intervals. (Photographs included in **Annexure-D**).

6. Lining, Embankment and Fencing:

In the stretch from Shahid Khudiram to Kavi Nazrul Metro Stations, the lining and Embankments were found totally broken in many points with heaps of garbages piled up. In the left hand side, which is under supervision of Rajpur-Sonarpur Municipality, no fencing was found and heaps of C&D wastes were found dumped along that site.

Mutually Agreed Decision taken during the course of the Visit:

- ✓ The Metro Rail Authorities agreed to dismantle/demolish the unfinished structures (Test Piles) constructed by them, at an early date. It was requested to be done before PUJA. Further, the Authorities were requested to take a stock of the Test Piles during Low tides and inform the Committee the exact number of such structures. As the visit was conducted during High tide, all the structures could not properly be seen.
- ✓ Both the Rajpur-Sonarpur Municipality and KMC were advised and requested to take up the matter of encroachments with their respective higher authorities and try heart and soul to remove them.
- ✓ Both the Rajpur-Sonarpur Municipality and KMC were requested to immediately remove and clean up the heaps of Garbages, Plastic and Solid waste stacked at the both sides of the Nullah immediately and submit a Compliance Report within fort night. Garbage Bins are to be installed on both sides by these Municipalities in order to stop future dumping. Representatives from Rajpur-Sonarpur Municipality sought help from KMC regarding Garbage cleaning as they don't have such expertise in this matter. KMC has been requested to take up this matter with their SWM wing and get the matter resolved within a week. Both the Municipalities were also advised to collect required number of Bins from SUDA urgently.
- ✓ Metro Rail Authorities were requested to connect the soak pits of their toilets along with the existing sewer network line for non STP area and along with the proposed STPs during the time of constructions.

The visit ended with thanks and in high spirit.

NANDINI GHOSH, IAS
Joint Secretary
Department of Urban Development &
Municipal Affairs.
Government of West Bengal


Nandini Ghosh, IAS,
Joint Secretary, Department of UD & MA
&
Chairman, Tolly Nullah Committee
(Constituted by Department of UD & MA)

Annexure-A (Encroachments)





©©©
Samsung Triple Camera
Shot with Nandini's
Galaxy A30s



©©©
Samsung Triple Camera
Shot with Nandini's
Galaxy A30s

Annexure-B (Plastic and Solid Waste)



Annexure-C (Water Quality of the Nullah)

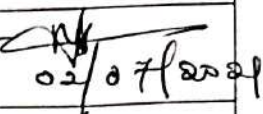
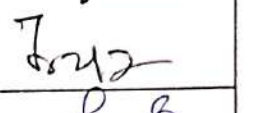
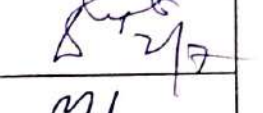
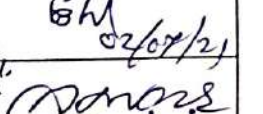
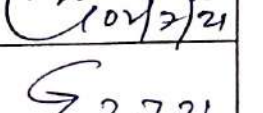
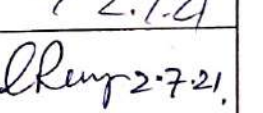

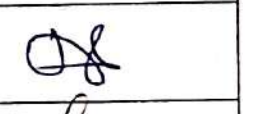
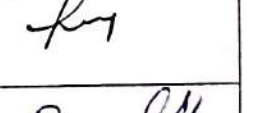
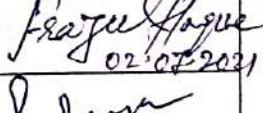
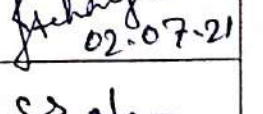
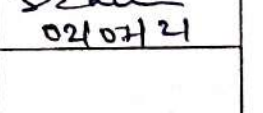


Annexure-D (Floating Garbage Arresters)



Attendance sheet
JOINT INSPECTION FOR

"the space under the Metro Railway Stations constructed on the river stretch to assess the e-flow, solid and liquid waste generated and managed in the Nullah"
on dated 02.07.2021 at 11.00 am

Sl. No.	Name	Designation / Department	Mobile No. & email Address	Signature
1	Nandini Ghosh	JS/UDMA Chairman T.N.C.	9830193174	 02/07/2021
2	Dr. T. K. Gupta	CTA, WR&PCB	9830024276	
3	D. Gupta	Sr. Scientist, WR&PCB	9830688908	
4	B. Mal	Env. Engineer, WR&PCB	9836288881	 02/07/21
5	A. K. Halder	Asst. Executive Engr. /M. Rly.	9007041210	 10/7/21
6	G. Gangopadhyay	Sr DEN/M.Rly	9007041202	 2.7.21
7	R. N. Ray, EO, RSM	Executive officer	7980592631	 2.7.21
8	B. Majumder	D.4/TNP/KMC	9836443587	
9	Pravankar Ray	EE(C) TPDD/TNP(KMC)	9874362622	
10	FRAZUL HAQUE	EE(C) / TNP / KMC	9062922766	 02.07.2021
11	Indranil Acharya	S.A.E(C) / TNP	7890023678	 02.07.21
12	Suman Saha	SAE(C) / TNP	8820768587	 02/07/21
14				
15				
16				
17				
18				

West Bengal Pollution Control Board

Central Laboratory

Paribesh Bhawan, 10A, Block LA, Sector III, Salt Lake City,
Kolkata 700 098. (033) 2335-5953

Station: Adi Ganga at Bansdroni (High Tide) **River Basin:** GANGA **CPCB Station Code:** null
Sample Date: 15/02/2021 **Sample Time:** 16:20
Human Activities: open defecation **Weather:** Sunny **Water Body:** Ganga
Frequency Of Monitoring: Quarterly **Use Based Class:** E **Approximate Depth(Bottom/Table):** 0.50 m
Color & Intensity: Dark Ash **Odour:** Nausiating **Visible effluent discharge:** None

Water Quality		
Parameter	Test Result	Unit
<i>BOD</i>	<i>37.50</i>	<i>mg/l</i>
<i>Dissolved O2(DO)</i>	<i>NIL</i>	<i>mg/l</i>
<i>Fecal Coliform</i>	<i>1700000</i>	<i>MPN/100ml</i>
<i>pH</i>	<i>7.23</i>	<i>Unit</i>
<i>Temperature(Water)</i>	<i>26.0</i>	<i>°C</i>
<i>Total Coliform</i>	<i>3300000</i>	<i>MPN/100ml</i>
<i>COD</i>	<i>112.23</i>	<i>mg/l</i>
<i>Total Suspended Solids(TSS)</i>	<i>8.00</i>	<i>mg/l</i>

West Bengal Pollution Control Board

Central Laboratory

Paribesh Bhawan, 10A, Block LA, Sector III, Salt Lake City,
Kolkata 700 098. (033) 2335-5953

Station: Adi Ganga at
Bansdroni (Low Tide)

River
Basin: GANGA

CPCB Station Code: null

Sample Date: 15/02/2021

Sample
Time: 11:55

Human Activities: open
defecation

Weather: Sunny **Water Body:** Ganga

Frequency Of
Monitoring: Quarterly

Use Based
Class: E

Approximate
Depth(Bottom/Table): 0.50 m

Color & Intensity: Dark Ash

Odour: Nausiating

Visible effluent
discharge: None, Floating sludge

Water Quality		
Parameter	Test Result	Unit
BOD	40.00	mg/l
Dissolved O ₂ (DO)	NIL	mg/l
Fecal Coliform	3300000	MPN/100ml
pH	7.33	Unit
Temperature(Water)	26.0	°C
Total Coliform	7000000	MPN/100ml
COD	122.40	mg/l
Total Suspended Solids(TSS)	114.00	mg/l

West Bengal Pollution Control Board

Central Laboratory

Paribesh Bhawan, 10A, Block LA, Sector III, Salt Lake City,
Kolkata 700 098. (033) 2335-5953

Station: Adi Ganga at Kudghat (High Tide) **River Basin:** GANGA **CPCB Station Code:** null
Sample Date: 15/02/2021 **Sample Time:** 16:00
Human Activities: open defecation **Weather:** Sunny **Water Body:** Ganga
Frequency Of Monitoring: Quarterly **Use Based Class:** E **Approximate Depth(Bottom/Table):** 0.50 m
Color & Intensity: Dark Ash **Odour:** Nausiating **Visible effluent discharge:** None, Water Hyacinth

Water Quality		
Parameter	Test Result	Unit
BOD	20.50	mg/l
Dissolved O ₂ (DO)	NIL	mg/l
Fecal Coliform	800000	MPN/100ml
pH	7.22	Unit
Temperature(Water)	26.0	°C
Total Coliform	1300000	MPN/100ml
COD	70.77	mg/l
Total Suspended Solids(TSS)	12.00	mg/l

West Bengal Pollution Control Board

Central Laboratory

Paribesh Bhawan, 10A, Block LA, Sector III, Salt Lake City,
Kolkata 700 098. (033) 2335-5953

Station: Adi Ganga at Kudghat
(Low Tide)

River Basin: GANGA

CPCB Station Code: null

Sample Date: 15/02/2021

Sample Time: 12:20

Human Activities: open
defecation

Weather: Sunny **Water Body:** Ganga

Frequency Of Monitoring: Quarterly

Use Based Class: E

Approximate Depth(Bottom/Table): 0.50 m

Color & Intensity: Dark Ash

Odour: Nausiating

Visible effluent discharge: None

Water Quality		
Parameter	Test Result	Unit
BOD	22.50	mg/l
Dissolved O ₂ (DO)	NIL	mg/l
Fecal Coliform	1300000	MPN/100ml
pH	7.25	Unit
Temperature(Water)	26.0	°C
Total Coliform	4900000	MPN/100ml
COD	79.89	mg/l
Total Suspended Solids(TSS)	16.00	mg/l

West Bengal Pollution Control Board

Central Laboratory

Paribesh Bhawan, 10A, Block LA, Sector III, Salt Lake City,
Kolkata 700 098. (033) 2335-5953

Station: Adi Ganga at Sahid
Kshudiram (High Tide)

Sample Date: 15/02/2021

Human Activities: open
defecation

**Frequency Of
Monitoring:** Quarterly

Color & Intensity: Dark Ash

**River
Basin:** GANGA

**Sample
Time:** 16:40

Weather: Sunny
clear

**Use Based
Class:** E

Odour: Nausiating

CPCB Station Code: null

Water Body: Ganga

**Approximate
Depth(Bottom/Table):** 0.50
m

**Visible effluent
discharge:** None, Floating
sludge

Water Quality		
Parameter	Test Result	Unit
BOD	20.63	mg/l
Dissolved O ₂ (DO)	NIL	mg/l
Fecal Coliform	1300000	MPN/100ml
pH	7.40	Unit
Temperature(Water)	25.0	°C
Total Coliform	2700000	MPN/100ml
COD	88.01	mg/l
Total Suspended Solids(TSS)	6.00	mg/l

West Bengal Pollution Control Board

Central Laboratory

**Paribesh Bhawan, 10A, Block LA, Sector III, Salt Lake City,
Kolkata 700 098. (033) 2335-5953**

Station: Adi Ganga at Sahid
Kshudiram (Low Tide)

**River
Basin:** GANGA

CPCB Station Code: null

Sample Date: 15/02/2021

**Sample
Time:** 11:35

Human Activities: open defecation

Weather: Sunny

Water Body: Ganga

**Frequency Of
Monitoring:** Quarterly

**Use Based
Class:** E

**Approximate
Depth(Bottom/Table):** 0.50
m

Color & Intensity: Dark Ash

Odour: Nausiating

**Visible effluent
discharge:** None

Water Quality		
Parameter	Test Result	Unit
<i>BOD</i>	<i>25.83</i>	<i>mg/l</i>
<i>Dissolved O2(DO)</i>	<i>NIL</i>	<i>mg/l</i>
<i>Fecal Coliform</i>	<i>2300000</i>	<i>MPN/100ml</i>
<i>pH</i>	<i>7.35</i>	<i>Unit</i>
<i>Temperature(Water)</i>	<i>25.0</i>	<i>°C</i>
<i>Total Coliform</i>	<i>7900000</i>	<i>MPN/100ml</i>
<i>COD</i>	<i>103.81</i>	<i>mg/l</i>
<i>Total Suspended Solids(TSS)</i>	<i>8.00</i>	<i>mg/l</i>

Annexure-M : Photographs of 18 MLD STP at Barrackpore



F.N. T-15/2017-18/089/NMCG
National Mission for Clean Ganga
Ministry of Jal Shakti, Department of Water Resources, RD & GR
Government of India

1st floor, MDC National Stadium
India Gate, New Delhi – 110002
Dated 16th September 2021

To,
Programme Director, SPMG West Bengal
Unnayan Bhavan, DJ-11, Sector-II,
3rd floor Block A, Salt Lake, Kolkata-700091

Subject: In-principal Approval for DPR preparation of Different Towns (11nos.) at West Bengal under Namami Gange reg.

Ref: memo no. 2742-NGRBA/SPMG/DPR-178/2015(P-I)/2019 dtd. 08.09.2021

---Madam,

With respect to your communication mentioned above wherein WB-SPMG has requested for in-principal Approval for DPR preparation of Different Towns at West Bengal.


2. NMCG has agreed in-principal to the proposal of SPMG. SPMG may utilize the desired amount of Rs. 90.05 Lakhs from DPR preparation activity for 11 mentioned towns subjected to the condition that same shall be adjusted against project preparation fee (4% of the capital cost) as per NGRBA framework once these projects are approved by NMCG.

3. NMCG has prepared the guidelines for preparation of DPRs on Interception & Diversion (I&D) and Sewage Treatment Plant (STP) works, which has already been shared with SPMG, West Bengal and same are available on NMCG website (www.nmcg.in). These DPRs of I&D and STP may be prepared following these guidelines.

4. This is issued with the approval of ED (Projects), NMCG.

Thanking You.

With regards,


Dr. Pravin Kumar
Dir (Technical)

Copy to: -CEO, KMDA, Unnayan Bhavan, DJ-11 Sector-II, 3rd floor Block A and 2nd& 3rd floor Block G, Salt Lake, Kolkata 700091

Internal circulation: -

- i. PS to DG, NMCG
- ii. PS to ED (P), NMCG