

NANDINI GHOSH, IAS
Joint Secretary



**DEPARTMENT OF URBAN
DEVELOPMENT & MUNICIPAL
AFFAIRS**
GOVERNMENT OF WEST BENGAL
"Nagarayan" DF-8, Sector - 1,
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Memo No. 43-JS(NG)

Date: 23.03.2021

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 December 2020
to February 2021 in compliance with the order of Hon'ble NGT under OA - 200.**

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.	Sewage Generation Report	I
3.	Report on Monitoring	I A
4.	STP Report	II
5.	Report on 56 Drains	III
6.	Report from P&RD on Rural Sanitation and LWM	IV
7.	Report from SUDA on SWM	V
8.	Site Inspection Report (Progress Report and Photos)	A
9.	Report on Ganga Ghats (List and Photos)	B
10.	Report on IEC Activities (Photos)	C

This is for your kind perusal and further actions.

Yours faithfully,
Sd/-

NANDINI GHOSH, IAS
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Date: 23.03.2021

Memo No. 43/1(4)-JS(NG)

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. The Principal Secretary, Department of UD & MA.
3. Municipal Commissioner, Kolkata Municipal Corporation, 5, S.N. Banerjee Road, Kolkata-7000013
4. 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
5. The Chief Executive Officer, Kolkata Metropolitan Development Authority & The Programme Director, SPMG, Unnayan Bhavan, Sector-II, Salt Lake, Kolkata- 700091.
6. Additional Secretary, Department of Environment, Pranisampad Bhavan, 5th Floor, LB-2, Sector-III, Salt Lake, Kolkata-700106
7. Special Secretary & Chairman, LWM Committee, Department of UD & MA.
8. Director SUDA, HB-305, AB Rd, HC Block, Sector III, Bidhannagar, Kolkata, West Bengal 700106
9. Additional Project Director, SPMG, Unnayan Bhavan, Sector-II, Salt Lake, Kolkata- 700091
10. Secretary, MED, Bikash Bhavan, Salt Lake, Kolkata-700091.
11. Chief Engineer, PHE, Department of Public Health Engineering, New Secretariat Building, 7th Floor, 1, K.S. Roy Road, Kolkata-700001
12. 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 Senior Law Officer, UD & MA Department with a request to kindly forward a copy of the Report Ld AOR for her kind noting.
13. Parthajoy Bhattacharya, Environment Specialist, SPMG with a direction to kindly record the Report for collation and preparation of the subsequent Report.
14. IT Department, UD & MA for uploading the Report on NGT portal of our Website.
15. OSD to Municipal Commissioner, Kolkata Municipal Corporation, 5, S.N. Banerjee Road, Kolkata-7000013
16. PS to Principal Secretary, UD & MA Department.

Joint Secretary


23/03/2021

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

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 - IA

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 at regular intervals under the Chairmanship of Ld Principal Secretary. Two such meetings were held on 03rd March and 18th March 2021 with all the Executing Agencies.

Department of UD & MA has also constituted a Liquid Waste Management Committee to supervise the Progress in this regard. The Committee meets at regular intervals and reviews the work of Liquid Waste Management being done in river Ganga. The last meeting was held on January 2021.

The Department has closely reviewed some of the long pending Projects on river Ganga, the updated Status of which are as given below:

❖ ROW permission from Ministry of Defence, at Anandpuri area for Barrackpore STP.

The Department has been continuously pursuing this long pending issue with Ministry of Defence. On 11th March, MOD after hearing the case, has been satisfied and finally granted the ROW and the work is going to start immediately.

❖ 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 need to be uprooted. Department has approached Forest Department for speedy uprooting and the work will start soon. KMDA, the Executing Agency has already informed the matter to NMCG.

❖ **Tolly Nullah**

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

* The bid was extended time and again for 11 times up to 12/12/2018, as per the directives of NMCG, upon request on behalf of the prospective bidders. An Addendum to the tender clauses was uploaded, as instructed by NMCG. But it became fruitless as no bid was dropped.

*Based on the failure of 1st time Tender based on HAM PPP model, due to the financial burden for 60% of the Project Cost in the form of loan from Bank for a long term i.e. 15 years (for O&M).

*2nd time Tender based on DBOT model, as approved by NMCG was published on 26th Dec 2019.

*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”

*A draft Technical Bid Evaluation Report has been submitted to NMCG for their observation. Post which, the final TBER would be submitted to NMCG/World Bank and approval would be sought for opening up of Financial Bid.

❖ **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 would submit the Assessment Report along with DPR by 31st March 2021, after which NMCG would be requested to grant permission for switching over of the Project from HAM model to DBOT model.

❖ **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)

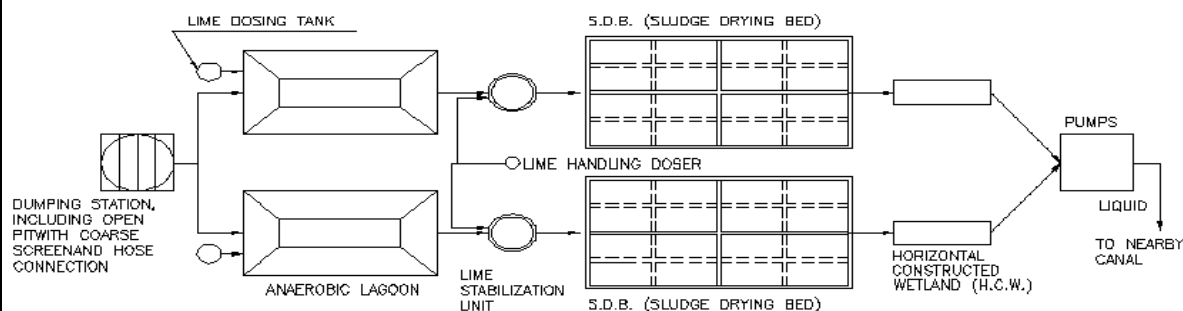
Components:-

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.

❖ 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(One Report enclosed, Annex-A).

❖ **Review by the Environment Monitoring Cell**

The Environment Monitoring Cell has been set up by the Chief Secretary West Bengal to monitor the Progress of the work with respect to Pollution Abatement. The Cell regularly monitors the work, one such meeting was held on December 2020 under the Chairmanship of Additional Chief Secretary, Environment Department, GoWB and the next meeting is scheduled on 26th March 2021.

❖ **River Rejuvenation Committee, West Bengal**

RRC also monitors the overall work of pollution abatement in 17 polluted River stretches of the state particularly with respect to BOD, COD and Total coliform. The last meeting of RRC was held on 16th March 2021. The Committee in particular discussed about the Proposed Action Plans on 22 Polluted drains discharging into river Ganga. The Executing Agencies were directed to submit a Report in this regard. Department of UD & MA has sought the Report by 25th March so that it can be scrutinised and reviewed and subsequently would be sent to CPCB by 31st March 2021.

❖ **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 Babasthaponar 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.

State Urban Development Agency (SUDA) has conducted 'Ganga Ghat inspections in 26 numbers of Ganga towns on different dates during the month of February 2021 in the districts of Hooghly, Howrah, North 24 Parganas and Murshidabad. The team has made a detailed inspection and submitted Report to the Department of UD & MA. The Department is

scrutinising the Report and would take corrective measures as soon as possible (List of towns and photographs enclosed, Annexure-B).

The team has particularly mentioned the ghats of Chandanagore, Badyabhbati, Rishra, and Bahrapore as clean, though in few cases the IEC banners were damaged due to Amphan Cyclone but the Municipalities have already taken measures to renovate them.

- **IEC Activities**

In compliance with the latest order of Hon'ble NGT in OA-200, Kolkata Municipal Corporation has put up boards in local languages on the banks of river Ganga with a message 'not to pollute water' (photographs enclosed, Annexure -C)

❖ **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 already invited a tender regarding this matter and the Technical bid was opened on 25.01.2021. However, the tender did not mature and KMDA has gone for second call. Last date of submission of the Bid was 10.03.2021 and opening of Technical Bid was 12.03.2021.

❖ **Use of Mobile App.**

* WBPCB has developed a mobile app – 'Paribesh' which gives real time 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 will be digitised. Department of UD & MA in cooperation with CPCB has organised an exclusive training for West Bengal on the use of this app on 18th March 2021 and fixed up the target date of completion of the digitisation process by 30th April 2021.

Annexure II

Quarterly progress (December 2020, January 2021 and February 2021) report							
Sl. No.	Concerned Department	Topic of Action point for STPs	No of STPs	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		Sewerage System & STP at Kalyani Municipal Town	2	Targets achieved			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	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 to be implemented by 30.6.21	Overall physical progress achived as on 28.02.2021 is 95.51%. (Trial & Run stage) STP-100.00%, Network-98.95% (as per present scope), Pumping Stations-94.05% Details of the work completed- 1] Supplying & laying DWC HDPE Pipe (150 mm to 250 mm) - 177.761 KM 2]Supplying & laying RCC(NP-3) and HDPE pipe (300 mm to 1000 mm) - 16.825 KM 3]Brick Masonry Rectangular Manhole - 5684 nos. 4]Pre-cast RCC Circular Manholes - 4 nos 5] House pit-6489 6]Construction of Lifting Stations(New) LS-3,LS-4,LS-5,UGLS-4,UGLS-5,UGLS-MPS2 : 100% 7] Renovation, up -gradation & commission of existing LS and MPS (LS1,LS2 ,MPS1 (LS2A) and MPS2):100% Construction of Civil structure are completed and installation of E&M equipments are almost completed. Power connection has been provided in the STP and testing of equipments are started. N.B.: Due to lockdown for COVID-19 pandemic, work suffered for 3 (three) months and re-commenced from June end.	Due to Nation wide lockdown for COVID-19 pandemic, work suffered for 3 (three) months, The work will be completed by May, 2021	
5		Sewerage System and STP at Budge Budge Municipality	1	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 to be implemented by 30.6.21	Overall physical progress achived as on 28.02.2021 is 95.00%. STP-98.50%, Network-98.50%, Pumping Stations-88.00% Details of the work completed- 1] TOTAL FOR HDPE PIPELINE - 74.21 KM out of 77.31 KM. 2] TOTAL FOR RCC PIPELINE - 1.880 KM. out of 3.39 KM. 3] TOTAL FOR JACK PUSHING - 0.786 KM out of 0.895 KM. 4] LIFTING STATIONS (Excluding LS-7) - Civil-100% and E&M - 78%. LS-7:- Already Land Handed over and work alireadystarted from 30.11.2020, work in progress. 5] HDD- 12.00 KM out of 13.37 KM. N.B.: Due to lockdown for COVID-19 pandemic, work suffered for 3 (three) months.		

Sl. No.	Concerned Department	Topic of Action point for STPs	No of STPs	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]
6	Kolkata Metropolitan Development Authority (KMDA)	Sewerage System and STP at Barrackpore Municipality	2	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 to be implemented by 30.6.21	Overall physical progress achieved as on 28.02.2020 is 93.0%. (Trial & Run stage) STP-100%, Network – 95.8%, Pumping Stations-94% Details of the work completed- STP-18 MLD - 100% STP-6 MLD- 100% HDP DWC pipe -99% RCC pipe -88% Manhole - 98 % HDD method -91 % DI- 51.8% Trial run started with D.G for 6 MLD STP. D.G, Panel , Diffuser, Blower charging is under progress to synchronize the system. N.B.: Due to lockdown for COVID-19 pandemic, work suffered for 3 (three) months, Due to upcoming election works has been stopped by Barrackpore municipality. Considering the election to end by April'21 and the workfront gets available the work will be completed by September, 2021.MOD has given ROW to Anandapuri Defence area for laying of Sewer Network.The work will start soon.	Sewerage system & STP will be completed by September 2021.	
7		Pollution Abatement Work for River Ganga at Nabadwip under NGP Scheme	1	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 to be implemented by 30.6.21	Overall physical progress achieved as on 28.02.2021 is 65%. Details of the work completed- 1] Construction of a new 9.5 MLD capacity STP- 55% 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 1 no- Completed 9] Construction of new MPS - 1 no.-. Out of 10 mtrs. well depth, 8.5 mtrs completed,Bottom plugging of well completed,Progress-55% LOI issued: 07.03.2019	June, 2021	
8		Pollution Abatement Works for River Ganga at Howrah under HAM	1	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 to be implemented by 30.6.21	Financial clousure achieved on 17.02.2021 and substitution aggrement signed on 17.02.2021 The work comprising of The work comprising of 1. Submitted 169 nos. drawing out of 272. 2. Contour survey completed 3. Test pile completed. 4. 5 nos LS & MPS survey completed out of 5 nos. 5. Test pile had been done 6. BEP documents approved by IIT, KGP.Rehabilitation of local fishermen are in the process & would be completed by May 2021.	Proposed time line: December 2022	
9		Pollution Abatement Works for River Ganga at Bally under HAM	1		Financial clousure achieved on 17.02.2021 and substitution aggrement signed on 17.02.2021 The work comprising of 1. Submitted 145 nos. drawing out of 269. 2. Contour survey completed 3. Soil investigation completed. 4. 7 nos LS & MPS survey completed out of 7 nos. 5. BEP documents approved by IIT, KGP. 6. I&D points identified and report provided to KMDA.Rehabilitation of local fishermen are in the process & would be completed by May		
10		Pollution Abatement Work for River Ganga at Kamarhati & Baranagar under HAM	1		Financial clousure achieved on 17.02.2021 and substitution aggrement signed on 17.02.2021 The work comprising of 1. Submitted 148 nos. drawing out of 282. 2. Contour survey completed 3. Soil Investigation completed 4. Test pile completed 5. 1 No. LS & MPS survey completed out of 1 no. 6. Test pile had been done. 7. BEP documents approved by IIT, KGP. 8. I&D points identified and report provided to KMDA.		

Sl. No.	Concerned Department	Topic of Action point for STPs	No of STPs	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]
11	Kod	Pollution Abatement works for River Ganga at Kancharapara under DBOT	1	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 to be implemented by 30.6.21	<p>Overall physical progress achieved as on 28.02.2021 is 35%. 1] Renovation of existing sluice gate 3 nos - work in progress. 2] Renovation of existing MPS - 50% 3] Construction of inlet chamber with Bar screen and gate-80% 4]Laying of Pipeline -1.2 KM length of 600 mm dia pipe executed till date. 5] Construction of 18 MLD capacity of STP - 38% 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: November 2021	
12		Pollution Abatement Work for River Ganga at Berhampore	1	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 to be implemented by 30.6.21	Laying of HDPE(DWC) pipe of 130 m length done till date.The design & drawing aof of 2 nos of L.S and 1 no. of MPS is under process.The design work for setting up 3.5 MLD STP will start shortly,however the finalization of alternative land is still under process .The work was disrupted during the Nation wide lock down for nearly 3 months	Proposed time line: May 2022	
13		I & D network for existing drain falling in river Ganga including sewage treatment plant (STP) at Jangipur	2		<p>RAGHUNATHGANJ (5 MLD) Approved Vetted Design & Drwaing of 5 MLD STP and work started. Already 4 nos of pile driven.Vetted Sewerage Netwok drawing submitted and approved by the competent authority. HDPE (DWC)sewer line-274m length of laying completed.The design and vetting of 2 Nos. of LS and 1 No of MPS is under process.</p> <p>JANGIPUR (8 MLD) Approved Vetted Design & Drwaing of 8 MLD STP submitted and work startted. Already 48 nos of Piles driven.Sewerage Network Vetted design & drawing submitted and approved by the competent authority. Laying of sewer line about 982 m completed till date . The design and vetting of 2 Nos of L.S. and 1 No of MPS is under process</p>		
14		Pollution Abatement Works for river Ganga at Hooghly Chinsurah	1	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 to be implemented by 30.6.21	Tender is in progress. Last date of Bid submission on 17.03.2021 The Department of UD & MA has already found out an alterantive land for this STP project at Taldanga. The site has around 60 trees which need to be uprooted. The Department has approached Forest Department for speedy uprooting of trees planted in the alternative site of Taldanga and the work will start soon.	Proposed time line: December 2022	
15		Pollution Abatement Works for river Ganga at Maheshtala Municipality	1		Revised LOA issued 11.02.2021 and it is already accepted by the lowest bidder on dated 16.02.2021. Concession aggrement may be signed by April 2021.	Proposed time line: November 2022	
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	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 to be implemented by 30.6.21	Two no bidder have been perticipated and technical evalution is in process	Proposed time line: May 2021	
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: (1) Renovation work of MPS (CIVIL part.) going on (2) Renovation of both STPs will be started very soon.</p> <p>BANSBERIA: (1) Renovation work (CIVIL part.) of MPS going on. (2) Renovation of STP going on. (3) Cleaning of existing sewer line / drain will be taken up very soon.</p>	Proposed time line: June 2021	

Sl. No.	Concerned Department	Topic of Action point for STPs	No of STPs	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]
18	n (KM/C)	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		Single bidder had quoted @134% above which is not acceptable so 3rd call has been invited. Last date of Bid submission on 22.03.2021 and date of opening on 24.03.2021.	Proposed time line: June 2021	
19		Rejuvenation of existing STP along with Lifting Station & Pumping Station including Sewerage Network and 5 (Five) Years Operation and Maintenance at Uttarpada - Kotrung and Konnagar under Hooghly District in West Bengal.	1	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 to be implemented by 30.6.21	Partially functional and presently undergoing renovation to make it fully functional.Overall physical progress(Civil work)as on 28.02.2021 : 20%, Repairing & renovation of STP; 10%, Repairing & renovation of LS (4 nos.) & MPS (1 no) :-80% , Cleaning,Repairing & renovation of network 5%	Proposed time line: June 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 Titagrah (2 nos. STP)	7	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 to be implemented by 30.6.21	LOA issued on 04-12-2019 Project Cost (AA & ES) : Rs. 65.54 Crore Awarded Cost : Rs. 52.99 Crore Likely Date of Completion: April, 2021 Name of the Contractor: M/s Navita Nirman Pvt. Ltd. Overall Physical Progress as on 28.02.2021 is :18% at Naihati (ASP) Overall Physical Progress as on 28.02.2021 is :25% at Naihati (WSP) Overall Physical Progress as on 28.02.2021 is : 59% (Titagarh 9 MLD) Overall physical progress as on 28.02.2021: 18% (Panihati 12 MLD) Overall physical progress as on 28.02.2021: 26% (Khardah 14 MLD) The work was disrupted during the Nation wide lock down for nearly 3 months and has just recommenced.	Proposed time line: March 2021	
21		Sewerage System and STPs at North Barrackpore	2	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 to be implemented by 30.6.21	Final DPR already submitted to NMCG after Compliance of NMCG's observation.		
22	n (KM/C)	Sewerage System and STPs under construction by KEIIP: Near WBSETCL, Joka - 45 MLD; Bank Plot, M.G Road - 40 MLD; Rajpur-Sonarpur, Rania - 23 MLD	3	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 to be implemented by 30.6.21	Work in progress for Joka and M.G. Road STPs. The project progress is as per schedule. Completion: March 2022	Approximately Rs. 1700cr. For S&D works. Out of this, about 1300 cr. linked for development of the trunk S&D system within the catchment areas of the 3 STPs and remaining indirectly linked for the abatement of pollution to the River Ganga in other areas. Out of 1300 cr. about 510 cr. has been disbursed.	
					Rajpur-Sonarpur, Rania - STP: Under Tendering Re-tendering done on 30/09/2020 Tender opened: 27/11/2020. LOA issued to the successful bidder		
					The sewage network at the above mentioned 03nos. STPs in being developed under respective works. Trunk sewers are being laid. S&D network to be completed by 2023.		
		Tolly's Nullah Rehabilitation Project: STP at Police Telecom Department Land, near Wireless Park - 15.3 MLD; STP near Near Golf Garden, Sukhapukur - 5.06 MLD; STP near Near Kavi Nazrul Metro Station, Birji Road - 5.70 MLD	3	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 to be implemented by 30.6.21	The 03 (Three) nos. STP is considered to be constructed under Tolly's Nullah Rehabilitation Project for which tendering is in progress	Technical bid opened on - 10/12/2020 Draft Technical bid evaluation Report has been submitted to NMCG/World Bank for approval,post which Financial Bid would be opened. in progress. The timeline of the project shall be finalised after issuance of work order as per the following: 30month for capital works from date of contract agreement &	

Sl. No.	Concerned Department	Topic of Action point for STPs	No of STPs	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]
23	Kolkata Municipal Corporation	S&D Department Drainage Central Municipal Waste Water Project: STP near LS 10 (16MLD); STP near Surinaam Ghat (25MLD); STP near Bhanga Khal (35MLD)	3	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 to be implemented by 30.6.21	The 03 (Three) nos. STP is considered to be constructed under Municipal Waste Water Project for which draft DPR submitted to NMCG for approval on 30.03.2019.	The chronological sequence of the movement & approval process of the project is as follows Draft DPR submitted to NMCG on 31/03/2019 for approval & extension of time (EOT) NMCG approved EOT on 08/09/2020 up to 22/02/2021. Soft copy of the draft DPR resubmitted on 14/09/2020. Hard copy submitted on 01/10/2020. Virtual meeting on draft DPR held on 16/12/2020. Compliance report submitted to NMCG. Awaiting final approval of draft DPR. DPR Cost: Rs 1211.61 Crore, Completion time: 52 Months from issuance of work order for capital works.	
24		STPs at Garden Reach and Keorapukur	2	Operational			
25	PHED	STPs at Diamond Harbour, Berhampore, Katwa, Murshidabad and Nabadwip	5	Operational			
26	MED	Jiagunj Azimgunj Takia Oxidation Pond	1	Partially Operational		Civil estimates for rejuvenation of Oxidation Pond has been received from MED,EM estimate is yet to be received from KIMDA.After which proposal will be placed before Finance Department for approval.	
27		STPs at Dhulian, Haldia, Jiagunj Azimgunj, Chakdah, Raigunj, Santipur	6	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 to be implemented by 30.6.21	Under DPR Stage; Timeline for Preparation of DPR- June-2021		

Annexure III

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	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.		

Interception & Diversion status of 56 Drains falling in River Ganga

Sl.No	Sl. No. of CPCB List	Name of drain	Coordinates / Latitude & Longitude	City/Town of Confluence point	Flow of drain (MLD)	Proposed Methodology	Any STP operational/planned in the catchment area or likely diversion/interception of the drain to STP	STP Capacity in Tender (MLD)	Likely date of completion
13	22	Gandhi Ghat Drain	22.750641 88.364329	Barrackpore	4.8 MLD	Lock gate and drop shutter	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 (4.50 MLD capacity) at Titagarh in rejuvenation works under North 24 Parganas district.	12.0 MLD	June, 2021
16	25	Hasting Ghat Drain	22.434500 88.213360	Rishra	29.0 MLD	Lock gate and drop shutter	Considered to be connected with the STP (22.00 MLD capacity) at Konnagar in rejuvenation works under Hooghly district.	22.0 MLD	May, 2021
17	30	Dewangazi Ghat Drain	22.642772 88.352557	Bally	7.6 MLD	Lock gate and drop shutter	Considered in Kona STP (62.00 MLD) at Bally which shall be executed by Ganga STP Project Pvt. Ltd. under HAM	40.0 MLD	March, 2021
18	32	Jagatnath Ghat Drain-1	22.619764 88.361093	Belur	17.3 MLD	Lock gate and drop shutter	Considered in Kona STP (62.00 MLD) at Bally which shall be executed by Ganga STP Project Pvt. Ltd. under HAM		
19	33	Kamarhati Drain @ Jute Mill	22.675388 88.365275	Baranagar	25.9 MLD	Lock gate and drop shutter	Considered in Kamarhati-Baranagar STP (60.00 MLD) at Baranagar which shall be executed by Ganga STP Project Pvt. Ltd. under HAM	60.0 MLD	
20	34	Kamarhati Drain @ PB Ghat	22.684364 88.365903	Panihati	2.9 MLD	Lock gate and drop shutter	Considered to be connected with the STP (12.00 MLD capacity) at Panihati in rejuvenation works under North 24 Parganas district.	12.0 MLD	May, 2021
21	35	Kuthighat Drain/ Baranagar Khal	22.636390 88.362651	Baranagar	2.1 MLD	Lock gate and drop shutter	Considered in Kamarhati-Baranagar STP (60.00 MLD) at Baranagar which shall be executed by Ganga STP Project Pvt. Ltd. under HAM	60.0 MLD	March, 2021
22	36	Chitpur Ghat Khal/ Circular Canal	22.606978 88.369915	Chitpur	458.6 MLD	Lock gate and drop shutter	Connected with STP at Bangur (KMC)	52 MLD	KMC

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
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)	KMC	under process
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	DPR submitted to NMCG on 31.03.2019 but not yet approved (KMC)	29.0 MLD	KMC,under process
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

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
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 STP through the ongoing Bhatpara Project	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		1. Gratings have been proposed on each outfall of secondary & tertiary drains within 2 KM of outfall of Primary drain at River Hooghly.		
37	7	Pratapnagar-Rajbari Drain	22.843929 88.378524	Bhatpara	2.6 MLD				
38	9	Bhatpara-Open pucca drain	22.881233 88.410153	Bhatpara	35.3 MLD				
39	10	Bagh Khal	22.714083 88.355567	Rishra & Konnagar	58.3 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
40	13	Majher Char Khal	22.974131 88.409981	Kalyani	29.5 MLD		2. For 3 nos of drains, a correspondence has been issued to the Member Secretary, WBPCB for their kind intervention as these drains contribute industrial pollution to river Hooghly. They are 1) ITC Tribeni drain, 2) BTPS outfall drain & 3).Bazarpara Garighat drain.		
41	14	Champdani Ferry Ghat / Paolghat Drain	22.799760 88.349396	Hooghly	3.9 MLD				
42	15	Khardah Khal	22.725851 88.366049	Khardah	271.5 MLD				
43	16	N.C. Pal Khal	22.566967 88.247855	Sankrail	10.7 MLD				
44	18	Saraswati Khal	22.558776 88.232781	Howrah	20.6 MLD				
45	25	Dhopa Ghat Drain	22.953283 88.405553	Hooghly	0.1 MLD		3. From study it is seen that 10 Nos of drains may be intercepted to existing STP, proposed STP/rejuvenation STP's. They are 1) Bhatpara drain, 2) Pratapnagar Rajbari drain, 3) Bhatpara open pucca drain, 4) Champdany Ferry Ghat drain, 5) Majherchar drain, 6) Dhopa Ghat drain, 7) Chandannagar drain, 8) Akra food ghat drain, 9) N.C. Pal Khal & 10) Singhimore Khal. 4. As per the report sent to CPCB on 19.01.2021 , 2 nos of drains namely 1) Bhager Khal at Kanchrapara 2) Old muni Khali Khal at Maheshtala will be trapped & diverted to the respective STP's. 5. 7 Nos of drains which are of complex nature for which in situ treatment at Primary 7 Secondary drains have been proposed. Further necessary study is required in this regard.		
46	26	Chandannagar Drain	22.856972 88.370107	Chandannagar	0.4 MLD	Chandannagar drain is to be tapped at existing STP			
47	27	Nazerganj Khal	22.558376 88.277443	Sankrail	1075.2 MLD				
48	28	ITC Triveni Drain	23.003891 88.410901	Hooghly	0.5 MLD				
49	29	Akhra Food Ghat drain (New Muni Khali Khal)	22.529541 88.251636	Mahestala	362.9 MLD				
50	31	DVC Canal	22.807225 88.351670	Champdani	353.6 MLD				
51	38	Bazarpara-Garighat Drain / Sharenga drain	22.529805 88.186297	Sankrail/ Sarenga	185.9 MLD				
52	39	Baidyabati Drain	22.781649 88.332085	Baidyabati	576.0 MLD				
53	43	Bally Khal	22.654986 88.346839	Bally	4860.0 MLD				
54	51	Singhi More Khal	22.542012 88.226144	Sankrail	0.9 MLD				
55	52	BTPS Out fall Drain-I	22.997221 88.406586	Hooghly	5.9 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
56	53	Bagher Khal	22.955611 88.423912	Kancharapara	134.5 MLD				

Government of West Bengal
Panchayats & Rural Development Department
Joint Administrative Building (6th to 9th Floors)
Salt Lake, Block – HC7, Sector – III, Kolkata – 700 106

Memo No: 873 -

Date: 10.02.2021

From: Mission Director, Mission Nirmal Bangla
& e.o. Joint Secretary to the Govt. of West Bengal

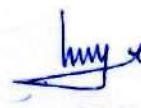
To: The Chief Executive Officer
Kolkata Metropolitan Development Authority

Sub: SLWM status report on 17 Polluted river stretches adjoining Gram Panchayats in the
State & that of Churni river adjoining Gram Panchayats

Madam,

With reference to the subject cited above, I am directed to enclose a status report (in Annexure I & II) on Solid & Liquid Waste Management (SLWM) in respect of 17 Polluted river stretches adjoining Gram Panchayats in the State & that of Churni river adjoining Gram Panchayats in respect of O.A. 673/2017 of Hon'ble NGT for your kind perusal

Yours faithfully,

 10/2/21

Mission Director, MNB & e.o. Joint Secretary

Copy enclosed: As stated

Monthly report of 17 polluted river adjoining Gram Panchayats

As on 31.12.2020

Sl. No.		Item	Remarks
1.	General Profile	No. & Name of Districts involved	12
2		No. of Blocks involved	62
3		No. of GPs involved	221
4		No. of Sansad involved	2,951
5		No. of total household of Gram Panchayats	7,94,411
6	Progress of SWM	No. of GPs where IEC done	197
7		No. & Name of Districts where SWM activity undertaken	12
8		No. of Blocks where SWM activity undertaken	61
9		No. of GPs where SWM activity undertaken	197
10		No. of Sansad where SWM activity undertaken	629
11		Total no. of household covered by SWM	2,05,889
12		No. of GP for which DPR has been prepared	45
13		No. of GP for which DPR has been approved by SLSC	23
14		No. of household where composting is done at household level	2,578
15		No. of GP wherein land has been identified for CPU	49
16		No. of GP wherein CPU is under construction	5
17		No. of GP wherein construction of CPU is completed	15
18		No. of GP where CPU is functional	8
19		No. of household where segregation is done	24,251
20		No. of households wherefrom solid waste is collected	7,761
21		Quantity of biodegradable waste collected (Kg/ day) in the Dec,2020	3,176
22		Quantity of non-biodegradable waste collected (Kg/ week) in the Dec,2020	6,171
23		Quantity of compost produced (Kg/month) in the Dec,2020	18,017
24		Quantity of compost marketed (in Kg/ month) in the Dec,2020	10,332
25		Quantity of recyclable items sold (in Kg/ month) in the Dec,2020	255
26		Total revenue earned (Rs. in Lakh) in the Dec,2020	0.33
27		No. of GPs where use of plastic (< 50 micron) banned	155
28		No. of GPs where networking of vendors for recyclable wastes done	3
29		No. of PWMU established	0
30	Progress of LWM	Total no. of private tube well	1,79,864
31		Total no. of private tube well with platform	1,06,958
32		Total no. of private tube well with soak pit	68,359
33		Total no. of public tube well	26,277
34		Total no. of public tube well with platform	22,044
35		Total no. of public tube well with soak pit	13,412
36		Total no. of ponds where duckweed cultivation is done	822
37		Total no. of beautification project undertaken	106
38		Total no. of saplings planted in last 2 years	10,22,136

Measures for Liquid Waste Management:

1. Platform and soak pit construction of public and private tube well and other water sources is done to address the issue of grey water and storm water.
2. Water stabilization pond also may be constructed for this purpose.

Report of Churni polluted river adjoining Gram Panchayats

As on 31.12.2020

Sl. No.		Item	Remarks
1.	General Profile	No. & Name of Districts involved	1
2		No. of Blocks involved	4
3		No. of GPs involved	14
4		No. of Sansad involved	201
5		No. of total household of Gram Panchayats	52,013
6	Progress of SWM	No. of GPs where IEC done	14
7		No. & Name of Districts where SWM activity undertaken	1
8		No. of Blocks where SWM activity undertaken	14
9		No. of GPs where SWM activity undertaken	14
10		No. of Sansad where SWM activity undertaken	10
11		Total no. of household covered by SWM	1,045
12		No. of GP for which DPR has been prepared	2
13		No. of GP for which DPR has been approved by SLSC	1
14		No. of household where composting is done at household level	210
15		No. of GP wherein land has been identified for CPU	2
16		No. of GP wherein CPU is under construction	0
17		No. of GP wherein construction of CPU is completed	2
18		No. of GP where CPU is functional	1
19		No. of household where segregation is done	1,045
20		No. of households wherefrom solid waste is collected	1,045
21		Quantity of biodegradable waste collected (Kg/ day) in the Dec,2020	515
22		Quantity of non-biodegradable waste collected (Kg/ week) in the Dec,2020	3,570
23		Quantity of compost produced (Kg/month) in the Dec,2020	2,560
24		Quantity of compost marketed (in Kg/ month) in the Dec,2020	1,800
25		Quantity of recyclable items sold (in Kg/ month) in the Dec,2020	255
26		Total revenue earned in the Dec,2020	21,400
27		No. of GPs where use of plastic (< 50 micron) banned	13
28		No. of GPs where networking of vendors for recyclable wastes done	0
29		No. of PWMU established	0
30	Progress of LWM	Total no. of private tube well	5,534
31		Total no. of private tube well with platform	15,973
32		Total no. of private tube well with soakpit	9,265
33		Total no. of public tube well	5,534
34		Total no. of public tube well with platform	1,315
35		Total no. of public tube well with soakpit	915
36		Total no. of ponds where duckweed cultivation is done	0
37		Total no. of beautification project undertaken	1
38		Total no. of saplings planted in last 2 years	69,217

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	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. For waste processing unit and O&M : Tender floated for 30 ULBs, Agency engaged for 3 ULBs. For legacy waste removal through bio mining: 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.	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.	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. In rest 2 no. of drains, screen installation is not technically feasible, bio-remediation & phyto-remediation measures undertaken.	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	ODF status Achieved- Self Declared: 40 ULBs, Go declared ODF: 35 ULBs Initial Target for IHHL construction- 215784 nos Revised Target for IHHL construction-67851 nos IHHL construction Completed=66224 nos (98%) IHHL Geo-tagging Completed-65731 nos	

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)						
				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	Remarks
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)						
				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	Remarks
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 of Bio-mining of Legacy waste in 31 Ganga Towns

Sl 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	Tender Matured	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	Tender Matured	KMDA
	Uluberia	Ward No. 6, Bauria	14,000	Yes	NA	Under Consideration	Tender Matured	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	Tender Matured	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	Tender Matured	KMDA
25	BARANAGAR	Belghoria Express Way	854726			Under Consideration	Work in progress	SUDA
26	KAMARHATI	(Punjab Villa), Agarpara East Station Road	155764	YES	150			
	Kolkata MC	DHAPA Under W-58 OF BR-VII/KMC	4000000	Yes	4500	Under Consideration	Work in progress	KMC

SI No	Name of the City	Dumpsite location	Quantity of waste at dumpsite (Ton)	Is fresh waste still being dumped at the dumpsite	If yes-then quantity of waste being dumped (TPD)	Has remediation of Legacy waste been done (Y/N/under consideration)	If Y/under consideration- please attach Action Plan	Tender Issuing Authority
27	Kolkata MC	Gardenreach under borough 15	150000	Yes	5	Under consideration	Tender floated on 22.01.2021. Pre-bid meeting done	KMC
28	Dhuliyān	Dhuliyān(Near Ratanpur)	177.6	Yes	71	Under Consideration	RFP Prepared to be Floated shortly	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	RFP prepared to be floted shortly	SUDA
	Bansberia	Ward no. 22	3100	Yes	10	Under consideration	RFP prepared to be floted shortly	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	RFP prepared to be floated shortly	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 : 23

B. Tender Matured: 5

• **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 takenup by HMC : 2**

A. Tender floated: 1 (Belgachia)

B. Tender to be floated: 1 (Chandmari)

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	Dhulian	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	Mahesthala	10	10	0	-	0	N. A.	Yes	
37	Chandpally	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

SI No	Municipality	District	Bins Supplied	Battery Operated Tipper SEPARATED Supplied	Fuel Operated Tipper SEPARATED Supplied	Tri-Cytle Van supplied	Back Hoe Loader	Dumper	Movable Compactor	Stationary Compactor	Hook Loader
1	Katwa	Bardwaman	34400	5		20		1	1		
2	Kolkata MC										
3	Howrah MC	Howrah	189216			0					
4	Uluberia	Howrah	103240	6	6	20		1	3	1	1
5	Baidyabati	Hooghli	50000	6	4	34	1	1	2		
6	Bansberia	Hooghli	36000		4	15		1	2		
7	Bhadreswar	Hooghli	53678	7		20	1	1	2		
8	Champdany	Hooghli	EP	4		10		1	2		
9	Chandannagore MC	Hooghli	82592	14		20	1	1	3	1	1
10	Hooghly Chinsurah	Hooghli	92042		5		1	1	3		
11	Konnagar	Hooghli	EP		4	12	1	1	1		
12	Rishra	Hooghli	25100	10	14	14	1	1	2		
13	Serampore	Hooghli	EP	6		12	1	1	3		
14	Uttarpara Kotrung	Hooghli	42520		16	15	1	1	2		
15	Berhampore	Murshidabad	40000					1	3		
16	Dhuliyan	Murshidabad	40000	7	4	20	1	1	2		
17	Jangipur	Murshidabad	20650					1	2		
18	Jiaganj-Azimganj	Murshidabad	23412		4		1	1	1		
19	Murshidabad	Murshidabad	25490		5	20	1	1	1		
20	Chakdah	Nadia	58840		4	10		1	2		
21	Gayeshpur	Nadia	34000	4	4	10		1	1		
22	Kalyani	Nadia	51144	9	9	33	1	1	2		
23	Krishnanagar	Nadia	EP					1	2		
24	Nabadwip	Nadia	58000					1	2		
25	Santipur	Nadia						1	2		
26	Baranagar	North 24 Pgs	80000					1	5	1	1
27	Barrackpore	North 24 Pgs	75312	4	6			1	2		
28	Bhatpara	North 24 Pgs	EP					1	3	1	1
29	Garulia	North 24 Pgs	36606			12		1	2		
30	Halisahar	North 24 Pgs	67226	5		13	1	1	2		
31	Kamarhati	North 24 Pgs	190000	10	6	20	1	1	3	1	1
32	Kanchrapara	North 24 Pgs	55952	5	4	15		1	2		
33	Khardah	North 24 Pgs	52000	4		13		1	2		
34	Naihati	North 24 Pgs	EP	5		20		1	3	1	1
35	North Barrackpore	North 24 Pgs	65128	5		20		1	2	1	1
36	Panihati	North 24 Pgs	180000	5		20		1	3	1	1
37	Titagarh	North 24 Pgs	47738			12	1	1	2		
38	Haldia	Purba Medinipur	98400					1	3		

Sl No	Municipality	District	Bins Supplied	Battery Operated Tipper SEPARATED Supplied	Fuel Operated Tipper SEPARATED Supplied	Tri-Cytle Van supplied	Back Hoe Loader	Dumper	Movable Compactor	Stationary Compactor	Hook Loader
39	Budge Budge	South 24 Pgs	29476		4	20		1	1		
40	Diamond Harbour	South 24 Pgs	8200		4	12		1	1		
41	Maheshtala	South 24 Pgs	67341			12		1	4	1	1
42	Pujali	South 24 Pgs	18600			12		1	0		
43	Raiganj	Uttardinajpur	66388	7	2	20		1	3		
TOTAL=			2198691	128	109	506	15	41	89	9	9

IHHL and ODF Status : 43 ULBs (Ganga Town)

1. Self Declared as ODF- 40 ULBs

2. ODF Inspection done by QCI- 35 ULBs

3. ODF Declared by QCI- 35 ULBs

4. ODF Inspection need to be done-8 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	Not visited by QCI yet	Yes
3	HOOGHLY	Bhadreswar	3006	1200	1200	1200	No	Not visited by QCI yet	Yes
4	HOOGHLY	Champdany	2666	2315	1765	1609	Yes	Yes	Yes
5	HOOGHLY	Chandannagore MC	2860	144	144	144	Yes	Yes	Yes
6	HOOGHLY	Hooghly Chinsurah	6355	710	707	651	Yes	Yes	Yes
7	HOOGHLY	Konnagar	409	47	47	47	Yes	Yes	Yes
8	HOOGHLY	Rishra	1716	616	616	616	Yes	Yes	Yes
9	HOOGHLY	Serampore	1821	582	547	547	Yes	Yes	Yes
10	HOOGHLY	Uttarpara Kotrung	2409	183	183	183	Yes	Yes	Yes
11	HOWRAH	Howrah MC	6822	0	0	0	No	Not visited by QCI yet	No
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

IHHL and ODF Status : 43 ULBs (Ganga Town)**1. Self Declared as ODF- 40 ULBs****2. ODF Inspection done by QCI- 35 ULBs****3. ODF Declared by QCI- 35 ULBs****4. ODF Inspection need to be done-8 ULBs**

Sl 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
39	SOUTH 24-PGS	Budge Budge	2707	977	977	977	Yes	Yes	Yes
40	SOUTH 24-PGS	Diamond Harbour	896	1595	1595	1595	Yes	Yes	Yes
43	UTTAR DINAJPUR	Raiganj	5431	5911	5203	5203	No	Not visited by QCI yet	No
			215784	67851	66224	65731	Yes=35 No=8	Yes=35 No=8	Yes=40 No=3

Site Inspection Report

Name of the Executing Agency- Kolkata Municipal Corporation

Reference:

Month- February 2021
Version: 20210322V2

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02/02/2021 of Joint Secretary UD&MA Department, Govt. of WB.

Compulsory Site Visit of the Engineers of Executing
Agencies in connection with NGT matters.

1. Physical progress of the operational STPs.

Sl. No.	Location	ULB Jurisdiction	Capacity in MLD	Actual utilization at present	Reasons for under utilization if any	Status of installation of OCEMs	Status of House Connection (if any)	Incremental progress over the last visit
A	B	C	D	E	F	G	H	I
1	Bangur	KMC	52	26	Low incoming sewage from Pre Terminal Station	2 nd Time tender invited by KMDA for implementation of 47nos. OCEMS (KMDA-41 + KMC-5 + MED-1) Publish Date: 05/02/2021, Bid Submission End Date: 10/03/2021, Bid Opening Date: 12/03/2021.	100%	NA
2	Garden Reach	KMC	57	53.38	Reserve capacity for future & peak demand		100%	NA
3	Keorapukur	KMC	45	36	Low incoming sewage at Terminal Station due to failure of network between sections Naktala L.S-3-Moore Avenue L.S-4-Kudghat L.S-5 & Kamdahari- Rathtala L.S1A- Usha Gate L.S-1B- Bansdroni L.S-2A.		100%	NA
4	Baghajatin	KMC	15	14.25	NA		100%	NA
5	Hatisur	KMC	10	8	Reserve capacity for future & peak demand		100%	NA

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
NA	NA	NA	NA	NA	NA	NA	NA

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Compulsory Site Visit of the Engineers of Executing
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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
A	B	C	D	E	F	G
1	Near WBSETCL, Joka*	KMC (KEIP)	45	March 2022	16% Piles under progress	NA
2	At Bank Plot, M.G Road*	KMC (KEIP)	40	March 2022	13.5% Land development, chlorination building & Boundary wall, piling of CCT under progress.	NA
3	At Rajpur-Sonarpur, Rania*	KMC (KEIP)	23	24 months from the date of issuance of work order.	Under Tendering Re-tendering done on 30/09/2020 Tender opened: 27/11/2020. Financial bid opened on 21/01/2021. LOA issued to the successful bidder.	NA
4	Police Telecom Department Land, near Wireless Park	KMC Tolly's Nullah Rehabilitation Project.	15.3	30 months from the date of issuing work order /date of execution of agreement.	Tender process ongoing under Tolly's Nullah Rehabilitation Project. Technical bid opened on - 10/12/2020 Technical bid evaluation is in progress.	NA
5	Near Golf Garden, Sukha pukur		5.06			NA
6	Near Kavi Nazrul Metro Station, Birji Road		5.7			NA
7	STP Near L.S 10	KMC Municipal Waste Water Project	16	52 months from the date of issuance of work order.	Proposed under Municipal Waste Water Project Budgetary estimate is of about Rs. 1551.37 Crore. Draft DPR submitted to NMCG on 31/03/2019 for approval & extension of time (EOT) NMCG approved EOT on 08/09/2020 up to 22/02/2021. Soft copy of the draft DPR resubmitted on 14/09/2020. Hard copy submitted on 01/10/2020. Virtual meeting on draft DPR held on 16/12/2020. Compliance report submitted to NMCG. Awaiting final approval of draft DPR.	NA
8	STP Near Surinaam Ghat, Dhankheti Nikashi		25			NA
9	STP Near Bhanga Khal, Gardenreach area		35			NA

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Sl. No	Location	ULB jurisdiction	Proposed capacity in MLD	Timeline for completion	Present Status	Incremental progress over the last visit
10	Proposed STP for Borough-XII	KMC (KEIP)	70	Not yet finalized.	To be finalized based on implementation of future loan or from own resources of KMC	NA

*Trunk sewers are being laid. S&D network is to be completed by 2023. Cost for S&D System is approximately Rs. 1300 cr. Out of 1300 cr. about 510 cr. has been disbursed. Time line for balance work not within the present scope including uncovered areas to be finalized based on the time frame of implementation of future loan or from own resources of KMC. (Ward 127, 142, part of 125,126,143 &144)

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3.1 Photograph of Under Construction STP



Piling in progress at STP Near WBSETCL, Joka



Vertical Load testing on pile at STP Near WBSETCL, Joka



Construction of chlorination Room at STP, Bank Plot, M.G Road



Piling work at STP, Bank Plot, M.G Road

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Version: 20210322V2

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
A	B	C	D	E	F	G	H
1	Dhankheti Khal	Kolkata	80.9	3 New STPs are proposed under Municipal Waste Water Project	No	DPR Stage	NA
2	Nimtala Burning Ghat Drain	Kolkata	24.9	The drains are equipped with penstock gates. No sewage is discharged to river Ganga and the DWF is diverted to designated treatment facility. Based on the recommendation of LWM Committee resolved in the 3rd Meeting held on 11/11/2020, the matter has been communicated to MS WBPCB by Municipal Commissioner on 31/12/2020.	NA	Gate Closed	NA
3	Cossipore Ghat Drain	Kolkata	9.5		NA	Gate Closed	NA
4	Tolly's Nullah	Kolkata	844.5	3 New STPs are proposed under Tolly's Nullah Rehabilitation Project.	No	Tendering Stage	NA
5	Chitpur Ghat Khal/ Circular Canal	Kolkata	458.6	The gates in the KMC area are closed and the DWF is diverted to designated treatment facility. Chief Engineer South I&WD have been requested to implement necessary measures to arrest Solid & Floating garbage reaching into Ganga, if necessary.	NA	Gates Closed	NA

* Source: WBPCB date of Monitoring 18/11/2019 & 02/12/2019

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Compulsory Site Visit of the Engineers of Executing
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4.1 Photograph of Outfalls South



Picture OF1: Dhankheti Khal



Picture OF2: Dhankheti Khal

Site Inspection Report

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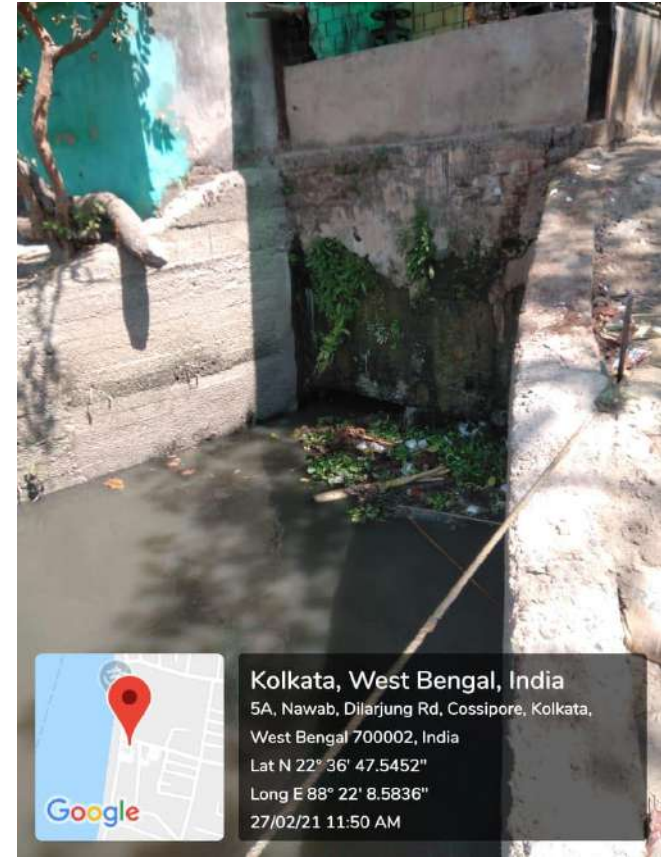
Memo No. 115 –UDMA-24011(99)/7/2021-JS(UDMA) dated
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Compulsory Site Visit of the Engineers of Executing
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4.2 Photograph of Outfalls North



Picture OF3: Nimtala Burning Ghat Drain



Picture OF4: Cossipore Ghat Drain

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Compulsory Site Visit of the Engineers of Executing
Agencies in connection with NGT matters.

4.3 Photograph of TNP



Picture TNP1: Dredging Work at Tolly's Nullah near House of Hon'ble CM



Picture TNP2: Dredging Work at Tolly's Nullah near House of Hon'ble CM

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Compulsory Site Visit of the Engineers of Executing
Agencies in connection with NGT matters.



Picture TNP3: Community Toilet adjacent to Tolly's Nullah at Tollygunge Road



Picture TNP4: Community Toilet adjacent to Thakery Road Pumping station at the Bank of Tolly's Nullah

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

Bio/ Phyto remediation is not feasible as the drains are under tidal effect.

River name	Polluting drain	In-situ treatment details	MLD treated	Present Status	Incremental progress over the last visit
NA	NA	NA	NA	NA	NA

Date: 12/03/2021

Name of the Reporting Engineer: Supriyo Sengupta
Designation: Executive Engineer (Electrical)/ S&D (Acting)

Annex-B.

List of Ganga Ghats of Municipality/ Municipal Corporation already visited by SUDA Engineering Team

Hooghly District:-

- 1) Bansberia
- 2) Hooghly Chinsurha
- 3) Chandannagore Municipal Corporation
- 4) Champdani
- 5) Bhadreswar
- 6) Baidyabati
- 7) Serampore
- 8) Rishra
- 9) Konnagar
- 10) Uttarpara-Kotrang

Howrah District:-

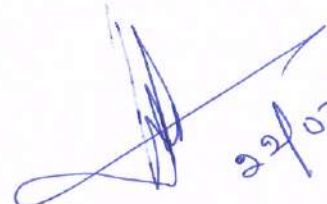
- 1) HOWRAH Municipal Corporation
- 2) Uluberia

North 24 Pgs:-

- 1) Garulia
- 2) Bhatpara
- 3) Barrackpore
- 4) Naihati
- 5) Halisahar
- 6) Titagarh
- 7) North Barrackpore
- 8) Panihati
- 9) Khardha
- 10) Baranagar
- 11) Kamarhati

Murshidabad District:-

- 1) Berhampore
- 2) Murshidabad

 22/03/2021

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

Annexure B

Ghat Inspection by SUDA

- 100% cleaning operation is being done.1286 Bins have been provided in 643 Ghats.
- 2 community bins of 100 litre placed on each ghat.
- Anti-littering message (IEC) has been displayed on each and every Ghats.



Fig.1 Anti-littering message (IEC) has been displayed at AsramGhat at Chandannagore

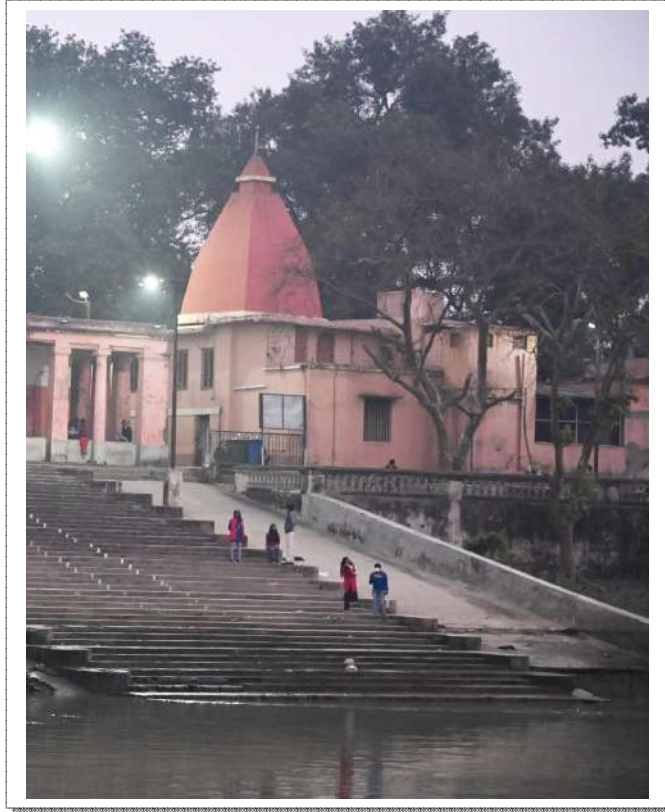


Fig.2Kali MandirGhat at Bhatpara



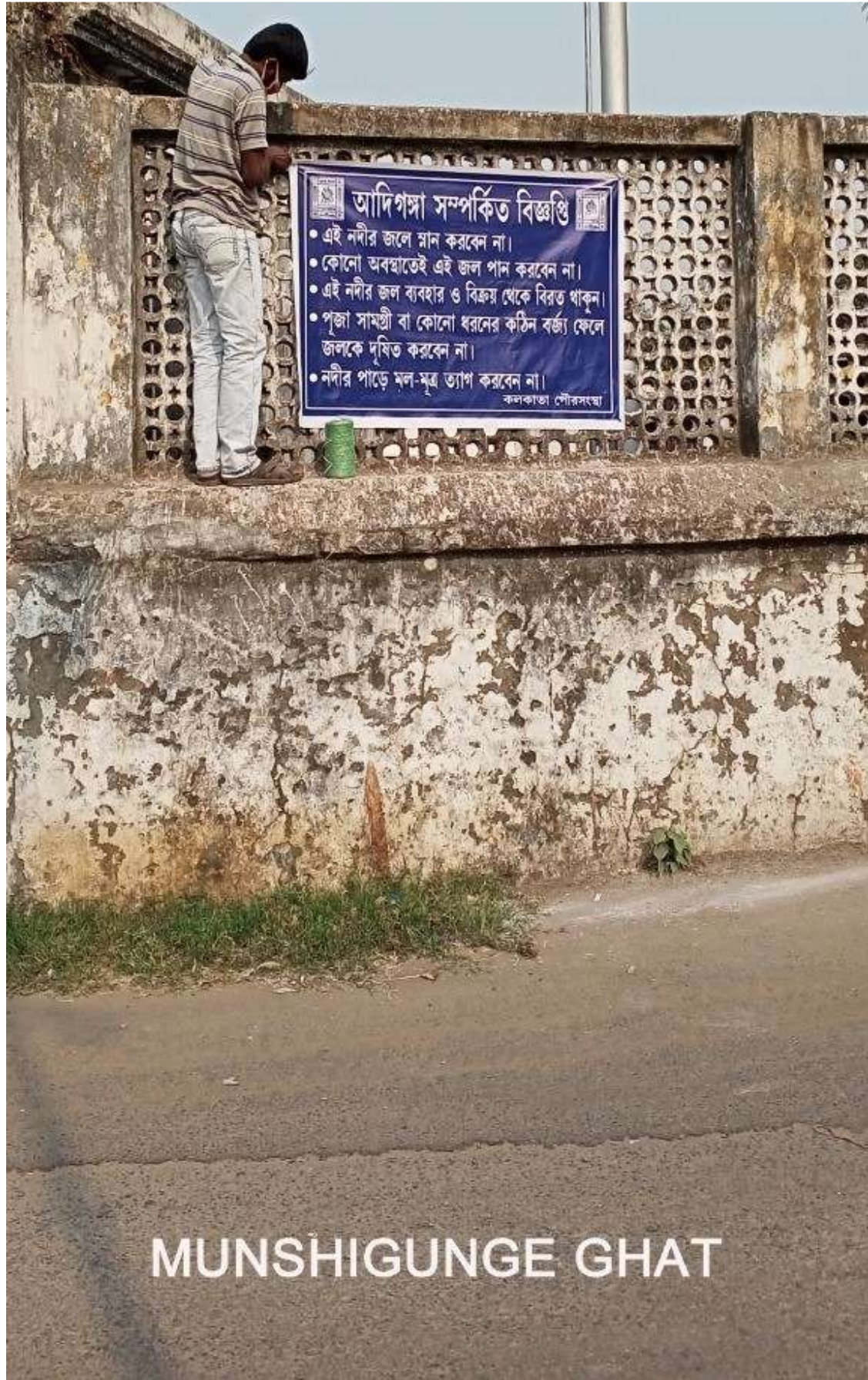
Fig.3 Ghat at Chinsurah



Fig.4 Ghat at Chinsurah

Annex-C





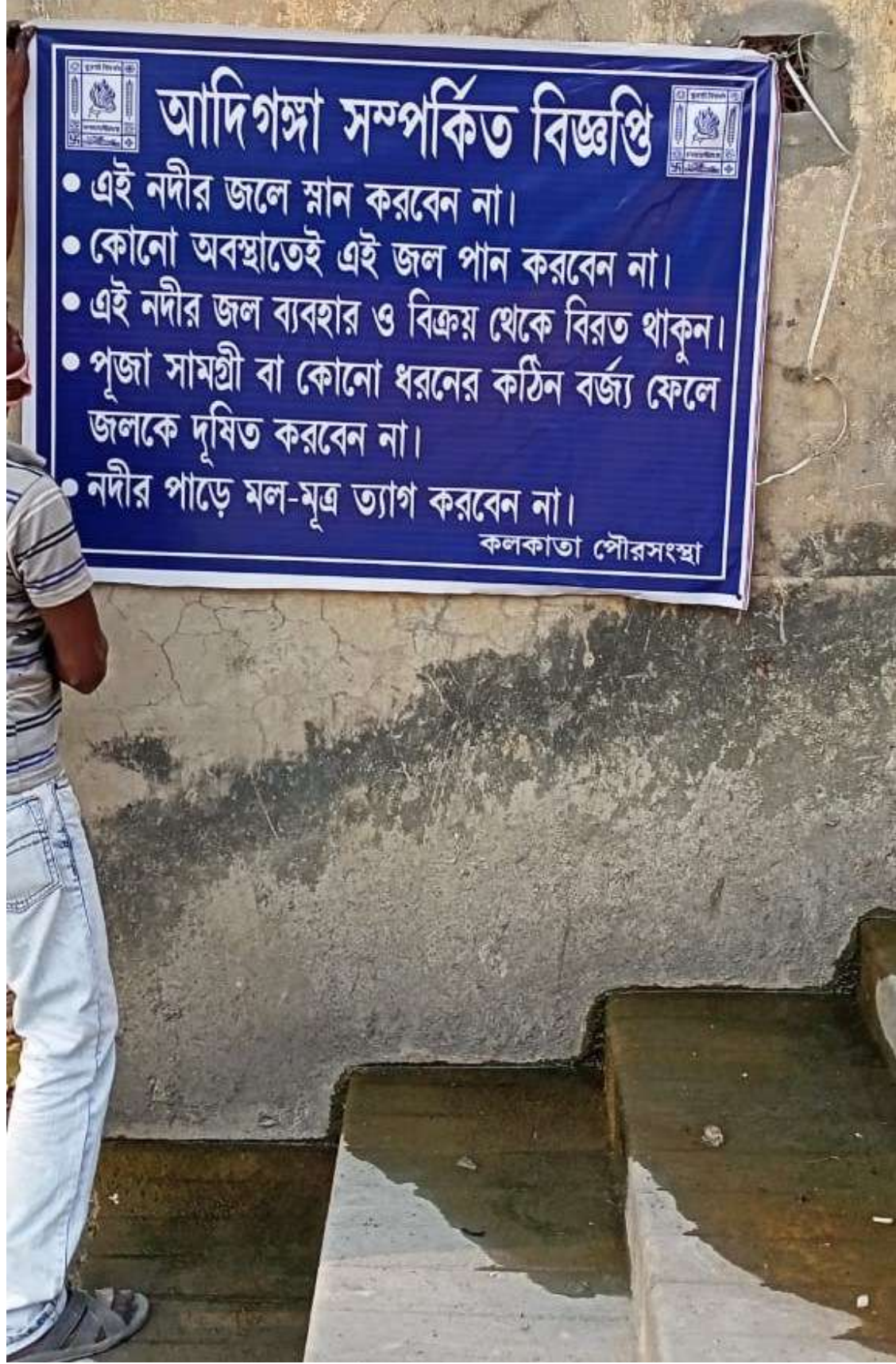
আদিগঙ্গা সম্পর্কিত বিজ্ঞপ্তি

- এই নদীর জলে স্নান করবেন না।
- কোনো অবস্থাতেই এই জল পান করবেন না।
- এই নদীর জল ব্যবহার ও বিক্রয় থেকে বিরত থাকুন।
- পূজা সামগ্রী বা কোনো ধরনের কঠিন বর্জ্য ফেলে জলকে দূষিত করবেন না।
- নদীর পাড়ে মল-মূত্র ত্যাগ করবেন না।

কলকাতা পৌরসংস্থা

MUNSHIGUNGE GHAT





Main Report

Quarterly progress (December 2020, January 2021 and Februart 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 seperately 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 to be implemented by 30.6.21	Annexure III	Annexure III	
2	KMDA,KMC	Presently in-situ treatment work is completed at Jangipur drain and in future it will be tapped in the ongoing Baharampore - Jangipur Interception & Diversion with STP Project.	As per order of Hon'ble NGT vide OA No 593/2017 & OA No 148/2016 dated 21.5.20 revised time line for all action points to be implemented by 30.6.21	In-situ treatment completed at Jangipur drain on August, 2020	NA	Tender is under process for engaging consultant to provide suitable solution for these drains.
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 to be implemented by 30.6.21	Annexure - I	Annexure - I	
4		Demarchation of Flood Plain Zone		Department of Environment alongwith Department of Irrigation, GoWB, is working on this issue. A report is expected by 30th June 2021.		
	Irrigation &Waterways Department	Protection and management of flood plain zones (FPZ)				
5		North 24 Parganas - Protection to the severely damaged left bank of river Hooghly in between Chaiotanya Ghat and Kanc 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	Work order issued in january- 2021. 5% progress achieved.	Jun-21	All out effort has been laid to complete in revised target.
6		North 24 Parganas - Protection to the severely damaged left bank of river Hooghly in between Alambazar Government Quarter campus toRamlochan Babu Ghat by providing cement concrete block pitching for a length of 215 m and reconstruction of 50 m guard wall in front of Bhabkunja Ashram undre Ward no. 4 of Baranagar municipality in P.S. Baranagar, District North 24 Parganas.	31.03.2021	25% physical progress achieved.	Jun-21	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	Administrative approval issued by the Finance Department on 02.02.2021, tender hasbeen invited.	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 Budge , Dist- South 24 Parganas.	31.03.2022	60% physical progress achieved.	NA	NA
10		South 24 Parganas- Protection of Hooghly left embankment with Brick Block Pitching for a length of 250 M at Kanchantala Shasan Ghat kali Mandir within Ward No 140 of KMC in P.S - Nadial , Dist- South 24 Parganas	31.03.2022	Administrative approval issued by the Finance Department on 21.01.2021, tender has been invited.	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

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]
12		Howrah - Protection to right embankment of Hooghly River at Tetikhola for a length of 150 m in Block Shyampur-I, P.S Shyampur, District Howrah.	31.12.2020		Completed	NA	NA
13		Howrah - Protection to right embankment of Hooghly River at the confluence of Gouriganga Khal at Chalkashi for a length of 240 m in Block Uluberia-I, PS Uluberia, District Howrah.	31.12.2020		Completed	NA	NA
14		Howrah - Protection of Hooghly right embankment for a length of 300 m at Sirishtala, Gadiara, in Block Shyampur-I, P.S Shyampur, District Howrah.	31.12.2020		Completed	NA	NA
15		Maintaining minimum environmental flow of river.	The river is a perennial river. The environmental flow is maintained through the release from the Farakka Barrage throughout the year.				
16	West Bengal State Pollution Control Board (WBPCB)	Preventing discharge of Industrial effluents in Ganga and its tributaries/ drains by ensuring installation of proper functioning of ETPs/CETPs	There are 41 Grossly Polluting Industries along Ganga (total 54 in the State) in the state of West Bengal. Total water consumption is 110 KLD (approx.) and total waste water generation is 88.40MLD (approx.) for 41 GPs. All the 41 GPs have Effluent Treatment Plant (ETP) in place and are under regular surveillance of the State Board including monitored through Online Continuous effluent Monitoring System (OCEMS).				
17		Taking action against polluters by way of recovering compensation for restoration of the damage to the environment					
18	WRIDD(SWID)	Steps for conservation of groundwater particularly with reference to critical, semi critical or over exploited areas	Ground water conservation through rainwater harvesting and Artificial Recharge to GW			Targets achived for 18 completed schemes.	
19	P&RD	Water Body Excavation	Howrah	203waterbodies including new excavation by March 2021		199 has been excavated.	Rest 4 will be done by March, 2021
			South 24 Parganas	400 waterbodies including new excavation by March 2021		385 has been excavated.	Reast 15 wii be done by May,2021
20		Liquid Waste Management				A plan for the treatment of Liquid Waste of 1400 MLD generated in the rural area is being looked after by the Department of P&RD. The response from the Department is annexed in Annexure-IV	
21	State Water Investigation Department (SWID)	Restoration of water bodies	Restoration of water bodies for rainwater harvesting			Target achieved	
			District	Status			
			South 24 Parganas	Around 300 KM of old sited creeks have been re-excavated for rainwater harvesting in blocks (where groundwater is salinity infested) adjacent to lower reach of River Ganga			

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]
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.	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.	Screen has been put up in 400 nullas out of 402. In rest 2 no. of drains, screen installation is not technically feasible, bio-remediation & phyto-remediation measures undertaken.		
24	UDMA	Clearing old legacy Waste dumpsites	1. Bio-mining at Mollar Bheri in Bidhannagar Municipal Corporation (BMC) 2. Removal of the dumpsites from Dhapa within Kolkata Municipal Corporation (KMC) 3. Removal of other legacy waste from dumpsites from other municipalities / corporations	Out of 37 dumpsites at 31 ULBs, action has been taken at all dumpsites. Implementation at different stages is annexed. Till date 21.99 lakh household bins (green and blue colour) provided to these Ganga Towns. (Annexure V)		
25	UDMA	Public awareness and involvement for prevention and control of pollution of Ganga	Intensive IEC activities for all the ULBs situated beside the river Ganga involving all the people to generate public awarness regarding solid waste management rule 2016, sanitary landfill facility, procedure of scientific disposal of solid waste, necessity of sewage treatment, arresting the un-treated sewage to river Ganga, promoting eco-friendly products, banning of all palstic waste within a time frame.	1) Centre for Environment and Education, an expert agency, a Centre of Excellence under Ministry of Environment & Forest, Government of India has been engaged as State Level IEC Agency for Development of communication plan, training plan and training module on waste disposal. Communication plan for awareness generation on solid waste management has been prepared. 2) State level logo and slogan competition has been organized on scientific waste disposal in the month of September, 2019 and December, 2020. 3) SHG based publicity campaign in all ULBs was organized in September, 2019. Similar campaigns were there in December, 2020 also. 4) Eco friendly products and products from waste materials are being promoted as alternative to plastics through fairs. 5) Handbook has been prepared on SWM and leaflets have been circulated to all ULBs. 6) Booklet on Solid Waste Management "Barjo Baboethaponar Sahoj Path" in Bengali, Hindi ("Kachra Prabandha ka Sahaj Path") and English("SOLID WASTE MANAGEMENT : A PRIMER") versions published and circulated widely. i) Capacity building training of the rag pickers have commenced and to be completed shortly.		

Concerned No.	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]
26	UDMA	Regulating activities on an around river Ganga including Ghats and other establishments	Recently NMCG approved Ghat development work in the following municipal towns along the bank of river Ganga. Katwa Kalna Agradwip Dainhat The Work is in progress.		The action taken so far and target achieved is in Annexure -IA		
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	Target Achieved	NA	NA
			Plantation on both sides of the river	(i) Advance (Nursery work) 100% completed. (ii) The Forests Department has planted 15 lakh saplings in 2019-20. During 2020-21, it has planted 5.40 crore saplings, with a total outlay of Rs 26 crore. This figure includes the 5 crore saplings planted in the Sundarban wetlands in the last six months. (iii) Further, 100% advance nursery work has been completed for river bank plantations to be taken up over 425 hectares at a cost of Rs.7 crore; the transplantation is scheduled to be completed by June 2021. (iv) The State Project Management Unit (SPMU), UD&MA Deptt. has undertaken urban plantations on the river catchment areas involving 1.96 lakh two-year old seedlings of profusely flowering species. (v) Also, the Environment Department has sanctioned Rs 1.13 crore for setting up of several Bio-diversity Parks in different parts of the State during the current financial year.			
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.				