



**Government of West Bengal
Department of Environment**

Minutes of the meeting of the Committee formed as per the directions of Hon'ble National Green Tribunal (NGT), Special Bench dated 23.05.2022 in O.A.14 of 2017/EZ (*TRIBUNAL ON ITS OWN MOTION -VS-STATE OF WEST BENGAL & Ors.*) in the matter of environmental issues related to Kestopur canal and Bagjola canal.

Date of the meeting: 03.06.2022

Venue: Conference Room, Nabanna

The list of attendees is annexed.

1. Chief Secretary, West Bengal chaired the meeting. Smt Nandini Ghosh Joint Secretary, UD&MA Department gave a brief presentation on the present status of Bagjola canal and Kestopur canal.

2. Action taken for Liquid Waste Management:

- a. Five (5) Sewage Treatment Plants (STPs) are functional with a total capacity of 121 Million Litres per Day (MLD); and five (5) more STPs are under different stages of execution having total capacity of 117.2 MLD.
- b. One Faecal Sludge Treatment Plant (FSTP) has been constructed at Mathkal, Ward no. 3, South Dum Dum Municipality. Trial run is ongoing at present for Baranagar-Kamarhati STP Complex for North Dum Dum, Dum Dum and Baranagar Municipalities.

3. Action taken for Solid Waste Management:

- a. For Dum Dum, North Dum Dum, South Dum Dum and Kamarhati Municipalities, dry waste is being recycled partially. Wet waste will be recycled soon after the reclamation of land in a phased manner. The process for segregation of remaining non-segregated waste will be completed within 31st July, 2022.
- b. For Madhyamgram Municipality, solid waste is partially processed through interim Central Processing Unit (CPU). An agency has been engaged for 100% processing of waste. The segregation of remaining non-segregated waste will be completed within 31st July, 2022.

4. Solid waste management by KMC:

- a. All the drains/outfalls in KMC area have been netted.
- b. Daily waste collected within the KMC area is 4500 Metric Ton (MT). KMC has engaged agencies in 27 Wards for collection of segregated recyclable waste, including plastic, from all households and other establishments. The segregated waste is transported to recyclers.
- c. Tender for waste segregation for all 144 municipal wards is under process.
- d. **Daily waste Processed:**
 Dry: 13 MT
 Wet: 509 Tons per Day (TPD)
- e. **Manner of transportation to the dumpsite:**
 - i. From primary transfer station, waste in compactor containers is transported to the Dumpsite by using Hook loader.
 - ii. Waste is collected in moveable compactors and transported to dumpsite.
 - iii. Waste is collected in storage point and transported to dumpsite by using covered Tipper trucks.
- f. **Mechanism of real time monitoring:** KMC has a Vehicle Tracking System for real-time monitoring and five (5) weigh bridges are used for weighing of waste, under CCTV surveillance.

5. Solid waste management by BMC:

All drains/outfalls in BMC have been netted. Daily waste collected by the Municipality is approx. 400 TPD. It is transported in covered vehicles to the Dhapa dumpsite for processing.

6. Solid Waste Management by NKDA in Action Area I, II and III:

Present segregated waste collection within NKDA is 7.50 MT and non-segregated waste collection is 55.50 MT. Daily dry waste processed is 3.50 MT and wet waste processed is 4.00 MT. The waste is dumped into the Stack Yard for further processing, and disposed to the bio-methanation (Waste to Energy) plant, and disposed to the landfill site.

7. Mechanism for Real time Monitoring:


- a. GPS monitoring system network has been provided in all collection vehicles.
- b. Radio-frequency identification (RFID) Tags have been installed at the premises of buildings for reliable and daily collection of waste
- c. Weighment of waste is being recorded through computerised weigh bridge.

8. Measures for Legacy Waste Management:

- a. The target date of completion of bio-remediation and reclamation of land at Belghoria Expressway is 01.02.2024.
- b. The target date of completion of bio-remediation and reclamation of land at Agarpara East Station road is 01.02.2024.

- c. The target date of completion of bio-remediation at Mollar Bheri is 31.10.2022 and reclamation of land at Mollar Bheri is 31.12.2022.
 - d. Target date of completion of bio-remediation and reclamation of land at Madhyamgram, Ward No.2 is March, 2023.
 - e. Target date of completion of bio-remediation and reclamation of land at Dhapa dumpsite is June, 2024.
 - f. Mechanism for Real time monitoring: Weigh bridges are integrated with E-quarry software along with web enable RFID System under CCTV surveillance for Real time monitoring.
9. Irrigation & Waterways Department has stated that they have started the work of desiltation at Bagjola Canal and Kestopur Canal. The timelines are as follows:
- (i) Completion of de-siltation of Upper Bagjola Khal by September, 2022
 - (ii) Completion of desiltation of Lower Bagjola Khal by March, 2023.
 - (iii) Completion of desiltation of New Cut canal from & Kestopur canal by December, 2022
 - (iv) Completion of desiltation of Bhangore Kata Khal by November, 2022
 - (v) Completion of repair and renovation work of lock-gates at Chitpur at offtake of Kestopur Canal System by June, 2022.
10. It was decided that a special task force headed by the Principal Secretary, UD&MA Department shall be constituted for monitoring the progress of work, sanction of necessary funds, and execution of action plan. An Action Taken Report shall be submitted before NGT by 15.11.2022 by UD&MA Department giving the latest status as on 21.10.2022.
11. It was also decided that all Departments concerned (UD&MA, WRID, PHE, P&RD, Transport, I&WA, etc.) will regularly upload the progress on the Samannaya Portal made in each project/scheme where action is being taken by the said Department or its agencies as per the orders of NGT to enable close monitoring by the Environment Department and Chief Secretary. Also, for effective monitoring of all NGT cases and actions being taken thereon by Chief Secretary and Environment Department, a separate portal may be developed with NIC's technical assistance at the earliest, in which all Departments / agencies concerned will upload the latest status reports regularly.

The meeting concluded with vote of thanks to and from the chair.


[H. K. Dwivedi]
Chief Secretary
Govt. of West Bengal



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Annexure

The following persons attended the meeting of the Committee formed as per the directions of Hon'ble National Green Tribunal (NGT), Special Bench dated 23.05.2022 in O.A.14 of 2017/EZ (TRIBUNAL ON ITS OWN MOTION -VS-STATE OF WEST BENGAL & Ors.) in the matter of environmental issues related to Kestopur canal and Bagjola canal:

1. Shri H. K. Dwivedi, Chief Secretary, West Bengal and Vice-Chairperson, State Wetlands Authority (SWA) and Member, East Kolkata Wetlands Management Authority (EKWMA)
2. Shri Debasish Sen, Chairman, New Town Kolkata Development (NKDA)
3. Shri Kalyan Rudra, Chairman, West Bengal Pollution Control Board and Expert Member, EKWMA
4. Shri Vivek Kumar, Additional Chief Secretary (ACS), Environment Department and Member Secretary, SWA & EKWMA, and ACS, Forest Department and Member, SWA & EKWMA
5. Dr. Rajesh Kumar, Member Secretary, West Bengal Pollution Control Board and Member, SWA
6. Dr. Manoj Pant, Additional Chief Secretary, Finance Department and Member, SWA
7. Shri Debal Roy, Principal Chief Conservator of Forests (Wildlife) & Chief Wildlife Warden, West Bengal and Member, SWA (Attended through V.C.)
8. Shri Prabhat Kumar Mishra, Principal Secretary, Irrigation and Waterways Department and Member, SWA & EKWMA and Principal Secretary, Water Resources Investigation & Development Department and Member, SWA
9. Shri Anoop Kumar Agarwal, Principal Secretary, Science and Technology and Biotechnology Department and Member, SWA
10. Shri Khalil Ahmed, Principal Secretary, Urban Development and Municipal Affairs Department and Member, SWA
11. Shri Binod Kumar, Commissioner, Kolkata Municipal Corporation (KMC) and Invitee Member, EKWMA
12. Shri Onkar Singh Meena, Principal Secretary, Public Works Department

13. Smt. Neelam Meena, Secretary, Environment Department (Attended through V.C.)
14. Smt. Smaraki Mahapatra, Secretary, Land and Land Reforms Refugee Relief and Rehabilitation Department and Member, SWA & EKWMA
15. Shri K. Balamurugan, Chief Environment Officer, Environment Department and Member, SWA
16. Dr. P. Ulaganathan, District Magistrate, South 24 Parganas and Invitee Member, EKWMA
17. Shri Ajoy Sanyamath, Senior Special Secretary, L&LR and RR&R Department
18. Smt. Tripti Sah, Member Secretary, West Bengal Biodiversity Board and Member, SWA (Attended through VC)
19. Shri Sumit Gupta, District Magistrate, North 24 Parganas and Invitee Member, EKWMA
20. Smt. Nandini Ghosh, Joint Secretary, UD&MA Department
21. Shri Sujay Sarkar, Commissioner, Bidhannagar Municipal Corporation (BMC)
22. Smt. Shanta Pradhan, Special Secretary, Tourism Department (Representative of Principal Secretary and Member, EKWMA)
23. Shri Supriya Ghoshal, Director, State Urban Development Agency (SUDA)
24. Shri Joly Chaudhuri, Additional Secretary, UD&MA Department and Additional Director, SUDA
25. Prof. Waikom Viswanath, Member, National Wetlands Committee and representative, MoEF&CC (Attended through V.C.)
26. Shri M. K. Biswas, Regional Director, Central Pollution Control Board (Attended through VC)
27. Dr. Subir Ghosh, Member, IUCN and Expert Member, SWA (Attended through V.C.)
28. Prof. Gupinath Bhandari, Associate Professor, Department of Civil Engineering, Jadavpur University and Expert Member, SWA (Attended through V.C.)
29. Prof. Lakshmi Sivaramakrishnan, Head, Department of Geography, Jadavpur University and Expert Member, SWA (Attended through V.C.)
30. Prof. Sumana Bandyopadhyay, Professor, Department of Geography, Calcutta University and Expert Member, SWA (Attended through V.C.)
31. Dr. Srikanta Samanta, Head, Riverine and Estuarine Fisheries Division, CIFRI and Expert Member, SWA (Attended through V.C.).
32. Shri Prantik Ray, Chief Engineer, Ganga Action Plan, Kolkata Metropolitan Development Authority
33. Dr. Tapas Kumar Gupta, Chief Technical Advisor, WBPCB (Attended through V.C.)
34. Shri Sukdeb Das, Senior Law Officer, UD&MA Department
35. Smt. Paushali Pahari, Senior Law Officer, Environment Department