

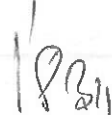
T-12/2017-18/268/NMCG/Vol.II
National Mission for Clean Ganga
Ministry of Jal Shakti, Government of India

1st Floor,
Major Dhyan Chand National Stadium
India Gate, New Delhi-110002
Dated: 11th September, 2019

OFFICE MEMORANDUM

Subject: Minutes of the Meeting of Monitoring Committee held on 02.09.2019 at 11.00 AM

A copy of Minutes of the Meeting of Monitoring Committee of NGT held on 02.09.2019 at 11.00 AM in Conference Room, NMCG under the Chairmanship of Justice Arun Tandon, Chairman-Monitoring Committee, regarding the progress made in compliance to Hon'ble NGT judgement dated 13th July 2017 in the matter OA No. 200/2014, is forwarded herewith for information/necessary action.



(D. P. Mathuria) 11.9.2019

Executive Director-Technical, NMCG
Member Secretary, Supervisory Committee
uyrb-mowr@nic.in

Encl: As above.

To:

1. Chairman, Central Water Commission Sewa Bhawan (S), R.K. Puram, New Delhi- 110066 Road, New Delhi – 110011
2. Chairman, Central Ground Water Authority, 18/11, Jamnagar House, Mansingh Road, New Delhi – 110011
3. Principal Secretary, Urban Development Department, 824, Babu Bhawan Lucknow, Uttar Pradesh – 226001
4. Principal Secretary Irrigation Department, Babu Bhawan Sachivalya, Government of UP, Lucknow – 226 001
5. Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi-110032
6. Member Secretary, Uttar Pradesh Pollution Control Board, Building No. TC – 12V, Vibhuti Khand, Gomti Nagar, Lucknow – 226 010
7. Managing Director, Uttar Pradesh Jal Nigam, 6, Rana Pratap Marg, Lucknow – 226001, Uttar Pradesh
8. Project Director, State Mission for Clean Ganga, 834, Babu Bhawan Sachivalya, Lucknow, - 226001

9. Director, Directorate of Geology and Mining, Khanij Bhawan 27/8, Raja Ram Mohan Rai Marg, Lucknow-226001 (U.P.)
10. Municipal Commissioner, Kanpur Nagar Nigam, Moti Jheel, Harsh Nagar, Kanpur, Uttar Pradesh - 208002
11. Chief Engineer, Irrigation Water Resources, Government of Uttar Pradesh, Cantt Road, Udaiganj, Lucknow, Uttar Pradesh – 226001
12. Chief Executive Officer, Tagore Road, Kanpur Cantonment, Uttar Pradesh (India), PIN – 208004

Copy for kind information:

1. Chairperson, Monitoring Committee of NGT (Ganga)
2. PS to Secretary, DoWR, RD&GR, Ministry of Jal Shakti cum Chairman-Supervisory Committee of NGT
3. PS to Chief Secretary, Government of Uttar Pradesh
4. PS to Director General, NMCG
5. Member, Monitoring Committee of NGT (Ganga)
6. PS to ED (Project/Finance/Admin), NMCG
7. Director (T-III), Consultant IP - NMCG
8. Shri Rajat Gupta, Solid Waste Management Specialist, NMCG

Minutes of Meeting held on 2nd September 2019 at 11:00 AM in Conference Room, NMCG

A review meeting of the Monitoring Committee (Ganga) of NGT in the matter of OA No.200/2014, with the officials of NMCG, CPCB, CWC, CGWA, UPPCB, UP Jal Nigam, UP Irrigation Department, Department of Mining and Geology- UP, Kanpur Nagar Nigam, Cantonment Board Kanpur and UP SMCG was held on 02.09.2019 at Conference Room, NMCG under the Chairmanship of Justice Arun Tandon (Retd.), Chairman-Monitoring Committee. The list of participants is at **Annexure-I**.

Following discussions were held:

1. Officials of UP Jal Nigam Kanpur submitted details of drains in Kanpur along with its flow, tapping status, completion timeline and details of the STP.
However, Monitoring Committee expressed displeasure as the Committee had directed in the previous meeting (held on 08.08.2019) to submit the details in the form of a flow chart ascertaining the total flow available through drains, total flow tapped and flow that remains to be tapped. The flow chart will also show the tapped flow diverted to STPs via Pumping Stations against the claim of flow being treated at these STPs. **Therefore, Committee directed UP Jal Nigam to submit the details at the earliest, preferably before 24th September 2019.**
2. CE (Ganga) UP Jal Nigam informed that revised timelines of all the STP and network projects in Segment B has been submitted to Hon'ble NGT in compliance to NGT order dated 07.08.2019 (uploaded on NGT website on 22.08.19).
Monitoring Committee directed UP Jal Nigam to share the submission with the Committee.
3. Officials from UPPCB and CPCB informed that with regard to sorting out the issue related to location at which sampling is to be carried out and compliance monitoring thereof of existing 36 MLD CETP at Jajmau, a meeting was convened on 30th August 2019. Further, the final decision with regard to norms at the inlet and outlet of the CETP, and the sampling location for compliance monitoring of CETP, could not be arrived at during the meeting. CPCB continues with its stand of the parameters to be achieved at the outlet of CETP and not after dilution. UPPCB and NMCG are of the view that dilution is necessary to meet the prescribed norms as the CETP was

designed on dilution technology and shall yield desired discharge standards in the irrigation channel only after dilution with the treated STP water.

Chairman-Monitoring Committee highlighted that despite specific direction made by the Committee in its previous meeting on 08.08.2019, no decision has been taken by the two departments. Meanwhile, permission for operationalization of the industries in Jajmau remains questionable in absence of common understanding about the location where the CETPs compliance is required to be monitored.

The Committee is of the view that to resolve the issue at the earliest, a meeting may be convened at NMCG under Chairmanship of Chairman/Monitoring Committee, which may be personally attended by the Member Secretaries of CPCB and UPPCB, with relevant documents. Executive Director (Tech) NMCG may kindly do the needful for the purpose.

4. Submission made by UPPCB in compliance to the previous meeting of the Committee, was reviewed. UPPCB had imposed Environmental Compensation of Rs.27.39 Cr on defaulting institutions, STPs, Development Authority, local body, CETPs and industries and has recovered an amount of Rs.19.09 Cr.

Monitoring Committee directed UPPCB to submit details of unit-wise EC imposed and collected from different defaulting institutions viz., industries, ULBs/Municipal Authorities, Development Authorities, UPJN, authorities maintaining CETPs and others in respect of their STPs. Report of all STPs, their status and CETPs may also be submitted. It was further directed that notice for levy of EC for subsequent months must also be issued against non-complying STPs and CETPs, till compliance is achieved.

5. Monitoring Committee highlighted that Hon'ble NGT in its order dated 22nd August 2019 (based on the NGT hearing on 07.08.2019), has taken note of the necessary action to be taken with respect to the hazardous waste dumps at Rania, Kanpur Dehat. It has been already informed to the Committee that UP State Government has sanctioned an amount of Rs.23.44 crore as an interim measure to contain the pollution load. However it has not yet been decided that which department of the State Government shall be executing the project. It has been a long pending matter that should have been resolved but continues to remain despite repeated orders by NGT.

As regards the delay in implementation of the project, the surrounding environment in the vicinity of the chromium dump sites are degrading and causing serious irreversible impact on ground water. Therefore the Committee requests Chief Secretary of Uttar Pradesh to finalize the Executing Agency at the earliest for implementation of the project and funds may be made available to the Executing Agency forthwith. Meanwhile preparation of tender documents, technical specifications etc. for procurement of work can be initiated by CPCB. On behalf of CPCB, it has been informed that CPCB shall provide all the necessary technical assistance required for the project.

Action taken status in this regard may be updated to Monitoring Committee and further the remaining part of the NGT order dated 22.08.2019 may be complied by the State of Uttar Pradesh. ED Technical, NMCG to communicate the recommendation of the Committee to Chief Secretary, Uttar Pradesh.

6. UP Jal Nigam informed that the STPs in Rampur were non-operational due to non-availability of funds. However after sanctioning of funds for O&M by the State Government, letter of intent has been issued to M/s VA Tech Wabag Ltd., Chennai for O&M of the STPs in Rampur. The existing three tapping points were proposed to be utilized for feeding the STPs. Operations are likely to be completed in next three month time and may ensure the functioning of the STPs by making available about 18 MLD of flows. **The Committee directed UP Jal Nigam to ensure the functioning of the STPs at the earliest and to regularly update status to the Committee.**

With regard to channelizing of the 29 MLD flow of Rampur drain as suggested by the Committee in the previous meeting, it was observed that, as per report of UPJN, same may not be technically feasible because of topography. The flow in Rampur drain, according to UP Jal Nigam, will be reduced by about 18 MLD after tapping and diversion of the feeder drains, into the two STPs of Rampur. **Action status in this regard to be reported to the Committee by UP Jal Nigam.**

7. Executive Director Technical NMCG informed the Committee that officials from NMCG had visited the two STPs at Garhmukteshwar on 28th August 2019. It was observed that flow of 3-4 MLD in Garh STP (against 6 MLD capacity) and 0.55 MLD in Brijghat STP (against 3 MLD capacity) is reaching the STPs. The report of the site visit was shared with the Committee. It was informed that the flow meters installed at

both the STPs are non-functional. Further the STPs have not yet been stabilized. The functioning needs to be regularly monitored by UP Jal Nigam.

Monitoring Committee directed UP Jal Nigam to make the flow meter functional and to update the Committee about the quantity of flow received at the STPs on day to day basis and also the functioning of STPs. CPCB/UP PCB shall report on the performance of the STP independently.

8. Officials from UPJN informed that permission from irrigation Department (Meerut) is requested for discharging treated water from the Narora STP into Lower Ganga Canal (LGC). Work regarding laying of pipeline for discharging treated water into the canal shall be started within a week after approval.

Special Secretary Irrigation informed the Committee that water of LGC is being utilized for providing drinking water to downstream two towns also. Therefore an assurance from UP Jal Nigam is required that discharge from the Narora STP shall have no effect on human health after treatment and shall be complying with the effluent standards accordingly. It was also informed the treated effluents from STP can be discharged into Talwar minor irrigation channel, for which irrigation department can consider giving the permission, if UP Jal Nigam agrees for the same. However, UP Jal Nigam pointed out that the minor irrigation canal is in poor state of upkeep and water is likely to remain stagnant if discharged into this canal.

The Committee suggested that UP Jal Nigam through letter may provide the requisite details as desired by the UP Irrigation Department, on which conditional permission may be granted to UP Jal Nigam, for discharging the treated water from the STP. This activity is to be undertaken as early as possible preferably within 15 days. If at any time, any of the condition is not met, the permission granted by Irrigation Department UP, may be withdrawn.

9. It was informed by official from UP PCB that in segment B phase I of River Ganga, there are 34 existing STPs, of which 25 STPs are operational and all 25 are complying with the prescribed norms except for Faecal coliform parameter.

Committee directed UP PCB to submit the detailed list of the STPs (including STP of Development authorities) to Committee. Further, Committee directed CPCB/UP PCB to share details of all the STPs existing in Segment B and their

compliance, as per information available at CPCB/UPPCB, to the Committee. Non-compliance to Faecal Coliform standards is unacceptable and Committee advised NMCG and UP Jal Nigam to take immediate steps to achieve the compliance.

10. **Direction of the Committee regarding submission of action taken report with respect to Environment Compensation imposed and collected for the 33 drains identified by the Committee, having BOD more than 50mg/l and are untapped or partially tapped, have not been complied with. UPPCB is directed to submit the details at the earliest.**

Further, UPPCB shall issue notice imposing Environment Compensation on concerned Nagar Palika of Karula drain and Gulaothi drain for discharging untreated sewage into the river, if not issued previously. MS UPPCB must ensure compliance of said directions of NGT, personally.

11. **With regard to the up-gradation of CETPs at Unnao and Banthar, the Committee was informed that the appraisal from NEERI for the DPRs is still awaited. It was also informed that SPV for the CETPs have been directed to provide item-wise cost estimate for the up-gradation works as the cost estimate provided in the DPR are unreasonably high and may not be acceptable until proper justification for the same are made available. The Committee requested NMCG to expedite the process and directed that SPVs of Unnao and Banthar may respond to NMCG's letter regarding submission of item-wise project cost at the earliest.**
12. **Official from CPCB informed that CPCB has received a letter by the SPVs of Unnao and Banthar in the previous week that the recommendations of the Joint Inspection team, which carried out inspections in May 2019, have been complied with. Further, the same shall be verified by joint team of CPCB and UPPCB shortly. Monitoring Committee directed that the joint inspection may be carried out and the status may be updated to the Committee along with a copy to NMCG.**
13. **Dr. S.R. Taigor from UP SMCG informed that the reply to the query raised by Urban Development Department UP with regard to charges for collection and transportation of spent chrome liquor from each unit, has been received from Kanpur Nagar Nigam. Notification in regard to charges for collection and transportation of spent chrome**

liquor shall be issued within 15 days by the State Government. Committee observed that despite all its efforts, it has taken the State Government more than a year to come to this stage and the final collection of dues is still to be achieved.

14. CGWA officials informed that the copies of NOC granted are available on CGWA website and further quarterly information of NOCs issued is sent to the concerned District Magistrate. It was also informed that compliance to the conditions is monitored by the officers of regional offices of CGWA.

The Committee expressed its dissatisfaction to the response of CGWA. The Committee requested CGWA to inform District Magistrates (DMs) in segment B, about the number of industries having valid consent to extract groundwater along with the quantity of water allowed to be extracted and remedial actions to be taken by the industries for recharging groundwater. Concerned DMs and UPPCB must take necessary action against industries not having valid permission and illegally extracting groundwater. Committee observed that there should be better coordination between the central and state agencies to protect the ground water quantity as well as quality. CPPCB and UP PCB have the data on the water requirement of various industries. To begin with at least the Agencies and District Administration can work together to ensure that the large water user Industries comply with ground water replenishment norms and relevant conditions laid down by CGWA. Department of Water Resources, RD&GR, Ministry of Jal Shakti, may take the initiative to bring together the stakeholders to protect ground water which is a national resource.

15. Committee observed that information provided by UPPCB as regards GPIs and status of functioning ETPs and deployment of CCTVs is incomplete and requisite details are not available. Committee directed UPPCB to ensure all the GPIs are installed with ETPs and same are functioning properly. As suggested in the previous meetings, CCTV should also be installed for verification of compliance. The status in this regard shall be submitted to the Committee before the next meeting.
16. Condition with regard to establishment of ETP in hospitals having more than 100 beds needs to be examined by UPPCB and CPCB. Wherever ETPs have not been installed, in compliance to Bio-Medical Waste (Management and Handling) Rules, 2016 notified by MoEF&CC, appropriate action be taken. District-wise

list of hospitals, number of beds in hospital, quantity of bio-medical waste generated, status of ETP installed and its compliance to be submitted by UPPCB to the Committee before the next meeting.

17. Committee observed that there is awareness of bio-medical waste management as is evident from the efforts made by the hospitals. Committee also observed that colour code is visible in hospitals even though complete compliance on segregation still requires more efforts. Most hospitals visited by the Committee in last few months have shown arrangement with a CBWTF. There has been marked improvement in awareness and effort at taking action during the past one year. The effort needs to be continued and improved upon.

Committee suggests that the accounting of waste generation by hospitals and waste management capacity of CBWTF is essential. A firm relationship between waste generation by hospital and its CBWTF facility's capability to manage that waste must be ascertained. In this regard, CPCB/ UPPCB must submit a report with respect to the Common Biomedical Waste Treatment Facilities (CBWTF) in Segment B, with regard to capacity, performance and compliance to environment norms. Further, a flow chart may be prepared by CPCB/ UPPCB wherein details of hospitals connected to CBWTF and total biomedical waste generated and treated district wise, to be submitted to the Committee before the next meeting.

18. Chief Engineer, CWC has informed that fifth meeting of the Committee constituted to identify and demarcate the flood plains of river Ganga in Segment B of Phase I (Haridwar to Unnao) was held on 29.08.2019 in which officers from Irrigation Department UP have also participated. During the meeting, the prohibited & regulated activities in 'No Development Zone' and 'Regulatory' zone were also deliberated in detail. Special Committee constituted by Hon'ble NGT has prepared its report with regard to demarcation of floodplain and prohibited regulated activities in No Development Zone and Regulatory Zone. **As informed, the report will be submitted to NMCG within a week. NMCG shall place the report of Special Committee, before the Supervisory Committee meeting chaired by Secretary, DoWR, RD&GR, Ministry of Jal Shakti. The final notification in these regards is to be issued by the respective State Governments. Committee desired that the same may be completed within September.**

19. Special Secretary, Department of Mining and Geology, UP informed that at present mining leases are being granted based on old replenishment studies. A new study has been undertaken by Department of Mining and Geology, UP. As soon as new study is completed, lease of quantity not exceeding annual replenishment value shall be issued. It has been explained to the Committee, that in compliance to the NGT judgement dated 13.07.2017, in-stream mining is strictly prohibited in UP except dredging and de-silting activities. However outside active stream, in the river bed and floodplain, semi-mechanical mining is permitted. **The Committee shall revisit the matter in next meeting and further directed that a brief note in this regard may be submitted to the Committee.**

20. Officials from Cantonment Board Kanpur informed the Committee that for two drains, Satti Chaura and Golaghat, falling under the jurisdiction of the board, DPRs have been prepared for establishment of 1 STP with 2 SPS. Same has been forwarded to Ministry of Defence for approval. The matter has been dragging since last October when Committee specifically directed Cantonment Board, Kanpur to abide by the orders of Hon'ble NGT. **The Committee directed NMCG to follow up the matter. UP PCB shall recover the environment levy from the Cantonment Board for continuing to discharge the waste water into River Ganga despite the NGT order, UPPCB shall also take similar action on large organizations. Defence, Police and Para Military Forces, Universities, Railway Urban and Industrial Development Authorities contributing to waste water in River Ganga and its Tributaries in violation of the NGT Order.**

Next review meeting of the Monitoring Committee shall be held on 14th October 2019.

The meeting ended with thanks to the Chair.

List of participants:

1. Justice Arun Tandon, Chairperson-Monitoring Committee – *in Chair* -
2. Dr. Anita Roy, Member-Monitoring Committee
3. Shri.D.P.Mathuria, Executive Director-Technical, NMCG
4. Dr. Roshan Jacob, Special Secretary, Director - Department of Mining, UP
5. Mrs. Anita Verma Singh, Special Secretary, Department of Irrigation UP
6. Dr. Pravin Kumar, Director Technical, NMCG
7. Dr. R.M.Bhardwaj, Consultant Industrial Pollution, NMCG
8. Shri Ajay Kumar Sinha, Director CWC
9. Shri Ravi Shankar, Chief Engineer (P&D), CEC
10. Shri. D. Chakhaborty, Scientist D, CGWA
11. Shri R.Chandra, Scientist D, CGWA
12. Shri Deepinder Singh, Deputy Team Leader, NMCG
13. Shri. T.U.Khan, CEO, UPPCB
14. Shri G. Rambabu, Scientist D, CPCB
15. Shri M.K.Biswas, Scientist D, CPCB
16. Shri V.K.Niranjan, Engineer in Chief, Department of Irrigation UP
17. Shri T.C. Sharma, CE (Ganga), UP Irrigation
18. Shri Ajaya Rastogi, CE (Ganga), UP Jal Nigam
19. Dr. S.R.Taigor, Environment Specialist, UP-SMCG
20. Shri. G.S.Srivastava, CE (Ghaziabad), UP Jal Nigam
21. Shri A.K.Rai, CE, (Moradabad), UP Jal Nigam
22. Shri Sanjiva Mathur, SE Moradabad, UP Jal Nigam
23. Shri Devendra Kumar, EE (Ghaziabad), UP Jal Nigam,
24. Shri Mohd. Ahsan, Project Manager, Ganga Pollution Control Unit III, UP Jal Nigam
25. Shri P.K.Agrawal, Project Manager, Yamuna Pollution Control Unit I, UP Jal Nigam
26. Shri K.K.Khare, Assistant Engineer, UP Jal Nigam, Kanpur
27. Shri Ashok Kumar, EE , Kanpur Nagar Nigam
28. Shri Praveen Gupta, Cantonment Board, Kanpur
29. Shri Rohit Tiwari, Cantonment Board, Kanpur
30. Ms. Nidhi Dwivedi, Project Officer (Technical), NMCG
31. Shri Kumar Ajitabh Project Officer (Legal), NMCG
32. Mrs. Ruby Raju, Project Engineer NMCG