

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: 27th August, 2019

OFFICE MEMORANDUM

Subject: Minutes of the Meeting of Monitoring Committee held on 08.08.2019 at 11.00 AM

A copy of Minutes of the Meeting of Monitoring Committee of NGT held on 08.08.2019 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)

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 8th August 2019 at 11:00 AM in Conference Room, NMCG

A meeting of the Monitoring Committee (Ganga) of NGT in the matter of OA No.200/2014, with the officials of NMCG , CPCB, CGWA, UPPCB, UP Jal Nigam, UP Irrigation Department, Kanpur Nagar Nigam and UP SMCG was held on 08.08.2019 at Conference Room, NMCG under the Chairmanship of Justice Arun Tandon, Chairman-Monitoring Committee. The list of participants is at **Annexure-I**.

Following discussions were held:

1. Monitoring Committee reviewed the status of 210 MLD STP at Bingwan Kanpur, which was previously non-compliant. Officials from UP Jal Nigam informed that the 210 MLD STP in Bingwan is operational and complying with discharge norms. Executive Director Technical NMCG informed that after the commissioning of the second polishing unit of the Bingwan STP, the plant has been compliant. Official from CPCB also confirmed compliant status of the plant.

Chairman-Monitoring Committee directed officials of UP Jal Nigam (Kanpur) to submit a flow chart clearly depicting the drains tapped with quantity of flow tapped and diverted to destination STP where the sewer is treated or will be treated. It was informed that the Committee shall visit Kanpur and verify the status of drains within 10 days.

2. Officials from UPPCB informed that the outlet discharge from 36 MLD existing CETP at Jajmau (Kanpur), after dilution with treated water from STPs at Jajmau, is found to be complying with discharge

norms for water for irrigation. Therefore, permission has been granted to tanners in Jajmau to operation at 50% consented capacity.

Officials from CPCB informed that the CETP discharge is non-compliant as per the analysis of the treated effluent immediately at the outlet point of CETP and before mixing with STP discharge. It was also informed that CPCB and UPPCB carry out weekly monitoring of the CETPs jointly. Further that consent to operate is yet to be issued to CETP by UPPCB.

Director-Technical NMCG informed that dilution with treated STP water shall only effect in reduction of TDS in the outlet flow and same is acceptable. However, the level of Chromium in outlet shall have to remain compliant at the outlet of CETP only without its dilution. Further, it was informed that the new 20 MLD CETP proposed for Jajmau is also based on dilution technology and shall yield desired discharge standards in the irrigation channel only after dilution with the treated STP water.

As per the submissions made by CPCB, the CETP is non-compliant and the parameters at outlet of CETP (before mixing with STPs treated waste water in Irrigation Channel) was found to be pH:8.06, TSS : 199 mg/l, Total Cr: 3.55 mg/l, BOD: 350 mg/l and COD:699 mg/l, during the weekly monitoring carried out on 11.07.2019. While the stipulated discharge standards for the CETP are pH: 5.5-9.0, TSS: 100 mg/l, Total Cr: 2 mg/l, BOD: 30 mg/l and COD: 250 mg/l. Hence, CPCB submitted that the CETP is non-compliant and the tanneries in Jajmau should not be permitted to operate.

On behalf of UPPCB, it was submitted that the CETP was designed for dilution of CETP treated effluents with treated waste water from STP and use of diluted water for irrigation after dilution of its effluent with treated waste water from STP. The treated water from the CETP, after dilution, is accordingly being used for irrigation purposes. The Committee observed that issue related to norms at the inlet and outlet of the CETP remain unresolved between UPPCB and CPCB.

The issue with regard to the inlet and outlet norms of the CETP needs to be resolved urgently. The total chromium at the inlet according to the stipulated norm should be 2 mg/l, however, the CETP receives-24.0 mg/l total Chromium at the inlet.

Monitoring Committee, after detailed deliberations, directed CPCB and UPPCB to resolve within 15 days, the issue with respect to norms at the inlet and outlet of the existing 36 MLD CETP at Jajmau. It was directed to issue fresh discharge standards for the CETP, if required. The consent order shall also be issued by UPPCB at the earliest.

Further, the Committee directed CPCB and UPPCB to finalize the sampling location for monitoring of the CETP, i.e., whether the sampling location for compliance monitoring of CETP shall be immediately downstream of CETP outlet location or after the mixing of CETP effluent with treated water from existing STPs in the irrigation channel.

Decision taken in these regards to be submitted to NMCG and Monitoring Committee, before the next meeting of the Committee.

3. Executive Director Technical NMCG informed that in the 8th meeting of Supervisory Committee held on 05.08.2019 under the Chairmanship of Secretary, DoWR, RD&GR, Ministry of Jal Shakti, officials from Cantonment Board at Kanpur informed that DPR for establishment of STPs for treatment of two drains i.e. Golaghat and Satti Chaura falling under the jurisdiction of Cantonment Board Kanpur have been prepared and submitted to Ministry of Defence for funding. However, approval from their authorities is awaited. Officials from UPPCB informed that based on the recommendations of the Monitoring Committee, Environmental Compensation has been imposed on Cantonment Board Kanpur. However no recovery has been collected from Cantonment Board Kanpur.

Monitoring Committee directed UPPCB to issue fresh notices to such establishments and to submit details of fines imposed on and collected from defaulting institutions, STPs, Development Authority, local body, CETPs and industries to the Committee. Further, it directed to impose Environmental Compensation on defaulting agency until untreated discharge into River Ganga and tributaries is being controlled by the responsible agency.

4. Officer from UP Jal Nigam (Kanpur) informed that overflow in few drains in Kanpur was observed due to non-completion of de-silting works and informed that de-silting work is in progress and is expected to be completed by 15th September 2019. The sludge collected from the drains is being disposed at STP complex in Jajmau. It was also informed that few drains are combined sewer system, which carry both sewer and storm-water discharges, and few have separate system.

Monitoring Committee directed UPPCB to issue notice against District Administration-Kanpur for discharge of untreated sewage into the River Ganga and its tributaries through overflowing drains such as Wazidpur, Dabka, Permiya nala.

5. Officials from UPPCB informed that dumpsite from Rakhimandi have been removed. For disposal of chromium sludge at Khanchandpur Rania, Kanpur Dehat, Phase I of the project (DPR) proposed by CPCB, wherein interim remedial options for removal and transfer of waste and contaminated soil into secured cells at a cost of Rs.23.44 crore, has been sanctioned for funding by UP State Government. The same shall be implemented by UPSIDC with the assistance of CPCB and UPPCB. It was directed that the agency who will implement the works and issue tenders etc may be clarified. It was also observed that as per minute of meeting chaired by Chief Secretary, UP dated 24.07.2019, it has been stated that funds have to be provided to CPCB. Accordingly, the role of CPCB in execution of this project may also be clarified in consultation with CPCB.

It was directed that progress of removal of chromium from dump site at Rania be reported in the next meeting. The Committee directed CPCB to issue notice for levy of Environmental Compensation to the industries which have caused and are causing damage to the environment.

6. Officer from UP Jal Nigam informed that the 3 STPs having total 34 MLD (14 MLD, 15 MLD and 5 MLD) have been constructed and commissioned in Ramp[ur, but due to lack of O&M funds for these plants and non-completion of house-house sewer network connections, these STPs are lying idle. It was also informed that

work is in progress for connections of house-house sewer connections and shall be completed by June 2020.

Officials from UP-SMCG informed that the State Government have sanctioned funds for O&M of existing STPs and the STP shall be handed over to the firm by September 2019.

Monitoring Committee highlighted that Rampur drain carrying sewage having a flow of 29 MLD can be easily channelized to reach the STP. Further the channel could also utilized in the house-to-house sewer connections, after completion of the latter. The Committee requested NMCG to take the issue with Department of Urban Development, UP at top priority so as to ensure the 20 MLD of untreated water of Rampur does not reach river Ramganga and is channelized as inlet for the 14 or 15 MLD STP which are existing in Rampur. This activity is to be completed within 15 days and action taken report be submitted to Monitoring Committee.

7. UP Jal Nigam informed that in Garh Mukteshwar both 3 and 6 MLD STPs are operational and the STPs are receiving 1 and 3.5 MLD of flow respectively.

The Committee directed that physical verification of the plants to ensure the utilization capacity of the plant may be undertaken and directed UP Jal Nigam to submit details of daily log readings to the Committee, since their last visit to the plant.

8. Further, on behalf of UP Jal Nigam, it was informed that a proposal for channelizing the discharge of treated waste water from STP at Narora into irrigation channel has been sanctioned and a request

for NOC from Irrigation Department UP has been made. It is likely to be implemented within 2 months.

The Committee directed UP Jal Nigam to submit progress in this regard in the next meeting. UP Irrigation Department may process request for NOC in time bound manner at the earliest.

9. Executive Director Technical NMCG informed that the STP project for Farrukhabad is being re-tendered as the contractor to whom work was awarded has declined to execute the project. 3 tenders have been received and due for opening shortly. The bids are expected to be finalized within 6 weeks.
10. UP Jal Nigam informed that with regard to the 72 MLD STP at Meerut, the laying of 70 m gap trunk sewer have been completed and the works for house-house connections and cleaning of sewer networks is in process and is expected to be completed on or before 31st December 2019.
11. Executive Director Technical NMCG informed that in Moradabad, Zone-I, 58 MLD STP has been completed and made operational, for Zone-II 25 MLD STP sanctioned under Namami Gange's HAM is under tendering. Bids for the same shall be opened on 23rd August 2019. It was also informed that the project is clubbed with 63 MLD Bareilly STP project, for which land has not been made available.

UP Jal Nigam informed that the STP project at Hapur sanctioned under AMRUT scheme is being re-tendered.

Monitoring Committee directed NMCG to submit updated status of all the STPs to the Committee. Till date, Committee has not

visited Bareilly, therefore, the Committee decided to visit Bareilly, Hapur and Moradabad on 29th, 30th and 31st August, 2019.

12. Monitoring Committee directed UPPCB to submit action taken report with respect to Environment Compensation imposed and collected for the 33 drains identified by the Committee, having BOD above 50 mg/l and are untapped.

13. Besides these 33 drains, the Committee was appraised about 2 other drains, namely Gulaothi and Karula drain, which are discharging untreated waste into River Kali and River Ramganga, respectively. The Committee directed UPPCB to impose Environment Compensation on appropriate authority as per the directions of Hon'ble NGT vide judgment dated 13th July 2017.

14. Executive Director Technical NMCG informed that the DPR for upgradation of CETPs Unnao and Banthar is being appraised by NEERI.

Monitoring Committee directed CPCB to submit the report of joint inspection of the CETP at Unnao and Banthar, and the remedial measures suggested to the Committee.

15. Official from Kanpur Nagar Nigam informed that charges for collection and transportation of spent chrome liquor from each unit shall be notified shortly.

16. Official from CGWA informed that as per NGT orders, no new NOC is being granted in Over Exploited and Critical Zones. With regard to water conservation fee and guidelines, MoEF&CC has submitted its

recommendations to NGT, and the matter is listed for hearing on 23rd August 2019.

The Committee highlighted the directions of Hon'ble NGT vide its judgment dated 13th July 2017 :

"All the industrial units falling on the basin/catchment area of river Ganga and its tributaries should not be permitted to indiscriminately extract ground water.

Extraction of groundwater should be subject to the CGWA granting permission for such extraction, and that too, only after ensuring that such permission is granted after rigorous water use assessment by the industry, water reuse and recycling methodologies adopted by the industry and also subject to the rain water harvesting measures adopted by the industry and monitored by the CGWA."

In opinion of the Committee, extraction of groundwater is illegal and as per the directions of Hon'ble NGT CGWA should take appropriate action in informing the District Administration, details about the industries granted permission for extraction of water, along with the volume of extraction permitted to each industry.

It was informed to the Committee that the proposal for calibration of flowmeters and its verification has been submitted to Ministry of Jal Shakti. **The Committee requested Executive Director Technical NMCG to follow-up the same, in order to resolve the issue at the earliest.**

- 17. Monitoring Committee directed UPPCB to submit following details, before the next meeting of the Committee:**

- i. **Status with regard to the CCTVs installed at ETPs and final outlet of all the GPIs in the State of UP to the Committee before the next meeting.**
- ii. **Status of STPs installed by various Development Authority in the State of Uttar Pradesh.**
- iii. **Details City wise of Biomedical Waste generated and treated in the State.**

18. Monitoring Committee directed CPCB to submit details regarding number and location of functional Common Biomedical Waste Treatment Plant/Facility.

19. Executive Director Technical NMCG informed that Special Committee constituted by NGT for demarcation of floodplain, has submitted a ground truth verification report based on their findings of the ground. The final report of the Committee shall be reviewed in next meeting of the Committee before it is finalized.

Monitoring Committee suggested that the Special Committee may convene the meeting at the earliest and finalize the report, as delay in demarcation of floodplain, illegal mining and encroachment activities in the floodplain can not be regulated.

20. Despite having recorded in the previous Minutes of the Meetings of the Committee and being requested to attend the meeting, the Committee expressed displeasure over absence of official from Mining Department of UP. In the matter of compliance of NGT judgment dated 3rd July 2017, the Committee requests Chief Secretary of Uttar Pradesh to ensure that senior official not below the rank of Special Secretary shall participate in the next meeting of

the Monitoring Committee with relevant documents. **Further, directed Executive Director Technical to share the minutes of the meeting to the Chief Secretary of Uttar Pradesh.**

The Committee decided to visit Bareilly, Hapur and Moradabad during the period 29th to 31st August 2019 and to convene the next meeting on 2nd September 2019 at New Delhi itself.

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. Uma Kapoor, RD, CGWA
5. Shri R.Chandra, CGWA
6. Dr. Pravin Kumar, Director Technical, NMCG
7. Dr. R.M.Bhardwaj, Consultant Industrial Pollution, NMCG
8. Shri G.K.Murty, Team Leader NMCG
9. Shri Deepinder Singh, Deputy Team Leader, NMCG
10. Shri. T.U.Khan, CEO, UPPCB
11. Shri M.K.Biswas, Scientist D, CPCB
12. Shri. G.S.Srivastava, CE (Ghaziabad), UP Jal Nigam
13. Shri Devendra Kumar, EE (Ghaziabad), UP Jal Nigam,
14. Shri T.C. Sharma, CE, UP Irrigation
15. Shri V.K.Mishra, SE, Irrigation
16. Dr. S.R.Taigor, Environment Specialist, UP-SMCG
17. Shri R.K.Pal, EE(N), KNN
18. Shri Ashok Kumar, Exn , KNN
19. Shri Devendra Singh, P.M.II, Ganga Pollution, UP Jal Nigam
20. Shri Krishna Kumar Khare, Project Engineer, GPCU, UP Jal Nigam
21. Shri Shaheeb Iqbal, Assistant Project Engineer, GPCU, UP Jal Nigam
22. Mrs. Ruby Raju, Project Engineer NMCG