

TE-12/2/2017-O/oED(Tech)NMCG
National Mission for Clean Ganga
Ministry of Water Resources, River Development &
Ganga Rejuvenation

1st Floor,
Major Dhyan Chand National Stadium
India Gate, New Delhi-110002
Dated: 1st March, 2018

OFFICE MEMORANDUM

Subject: Minutes of the 5th meeting of Supervisory Committee held on 13.02.18 at 02.30 PM under the chairmanship of Shri U. P. Singh, Secretary, MoWR, RD&GR

A copy of Minutes of the 5th joint Meeting of Supervisory Committee with the Implementation Committee in the matter O.A. No. 200 of 2014 held at Conference Room, MoWR, RD&GR on 13.02.2018 at 02.30 PM under the chairmanship of Shri. U. P. Singh, Secretary, Ministry of Water Resources, RD&GR is forwarded herewith for information/necessary action.


(D. P. Mathuria)

Executive Director-Technical, NMCG
Member Secretary, Supervisory Committee

Encl: As above.

Copy To:

1. Additional Secretary, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhavan, Jorbagh Road, New Delhi – 110032
2. Additional Secretary, Ministry of Urban Development, Nirman Bhawan, Maulana Azad Road, New Delhi – 110011.
3. Chief Secretary, 1st Floor, Room No. 110, Lal bahadur Shastri Bhawan, Uttar Pradesh Secretariat, Lucknow – 226 001
4. Chairman, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi-110032
5. Dr. A. B. Akolkar, Flat No. H-503, Mayurdhwaj Society, plot No. 60, I P Extension, Patparganj, Delhi – 110092.
6. Prof A. K. Gosain, Department of Civil Engineering, Indian Institute of Technology Delhi,
Hauz Khas, New Delhi - 110 016
7. Prof. Vinod Tare, Department of Civil Engineering, Indian Institute of Technology Kanpur

Kanpur – 208016

8. Principal Secretary, Department of Environment, U.P., Room No. 601, Babu Bhawan Secretariat, Vidhan Sabha Marg, Lucknow – 226001
9. Principal Secretary, Urban Development Department, 824, Babu Bhawan Lucknow, Uttar Pradesh – 226001
10. Member Secretary, Uttar Pradesh Pollution Control Board, Building No. TC – 12V, Vibhuti Khand, Gomti Nagar, Lucknow – 226 010
11. Managing Director, Uttar Pradesh Jal Nigam, 6, Rana Pratap Marg, Lucknow – 226001
Uttar Pradesh
12. Municipal Commissioner, Kanpur Nagar Nigam, Moti Jheel, Harsh Nagar, Kanpur, Uttar Pradesh - 208002
13. Prof. A. A. Kazmi, Department of Civil Engineering, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand 247667
14. Chief Engineer, Irrigation Water Resources, Government of Uttar Pradesh, Cantt Road, Udaiganj, Lucknow, Uttar Pradesh – 226001
15. Shri Sundeep, Director (T-II), NMCG
16. Managing Director, UP State Industrial Development Corporation, A-1/4 Lakhanpur Kanpur-208 024
17. Chairman, Central Water Commission, Sewa Bhawan (S), R.K. Puram, New Delhi-110066
18. Chairman, Central Ground Water Board, Bhujal Bhawan, NH-IV, Faridabad – 121001

Copy for kind information to:

1. PS to Secretary, Ministry of Water Resources, RD&GR Shram Shakti Bhavan, Rafi Marg, Sansad Marg Area, New Delhi, Delhi 110001
2. PS to Director General, NMCG
3. PS to ED (Project/Finance/Admin), NMCG

**Minutes of Meeting of Supervisory and Implementation Committee
in the matter of O.A. No. 200/2014 – M. C. Mehta Vs Union of India & Ors.**

Venue: Conference Room, MoWR, RD& GR

Date: 13th February 2018

The 5th joint meeting of Supervisory and Implementation Committee constituted in accordance to the NGT's judgment dated 13th Jul 2017 in the matter O.A. No. 200 of 2014 was held under the Chairmanship of Secretary, MoWR, RD&GR. The list of participants is at **Annexure-I**.

The agenda was to discuss the progress made on each of the directions given in the judgment dated 13th Jul 2017 in the matter OA 200/2014. ED (Tech), NMCG briefed that Hon'ble NGT has desired that the present status report submitted by each stakeholders directly to NGT is required to be compiled and reviewed by Supervisory Committee and thereafter, a compiled report shall be submitted to NGT. Accordingly, all stakeholders were requested to make presentation on the progress made.

1. UP Jal Nigam informed the status of actions/interventions taken for each of the 86 drains. It was informed that 53 drains are tapped under on-going projects, 6 drains are covered under sanctioned projects and 8 drains are covered under projects submitted for approval. Copy of presentation attached as **Annexure-II**.

Proposals are under preparation for 10 drains whereas 9 drains doesn't require any interventions. Chairman emphasized that the work on the sanctioned projects shall be expedited to ensure early start of ground work.

The experts were of the view that the proposal to address the remaining 10 drains should be based on the joint inspection reports carried out. This will facilitate in adopting project design parameters rationally and ensure early appraisal of projects. Project for Household connection at Garh and Brijghat town has been approved by State Government.

UPJN to submit the details accordingly for each associated para of the judgement by 5th March 2018 for compilation. Physical progress status in percentage term for the ongoing projects and estimated timelines for the sanctioned projects may be also provided in the compliance status. Land availability for the sanction and proposed projects shall also be incorporated.

(Uttar Pradesh Jal Nigam)

2. Department of Urban Development, GoUP informed that cleaning of 65 drains has been completed (63 drains falling within the jurisdiction of Urban Local Bodies and 2 drains with Irrigation Department). Pre and post photographs of cleaning and quantity of silt evacuated etc. have been recorded as per the suggestion of this Committee and related information has been provided.

Irrigation department has completed the cleaning work of 2 drains and work on remaining 17 drains is yet to start due to non-availability of funds. It was informed that proposal of Rs. 3 Crores has been submitted to State Government for sanction of fund which is expecting by March 18.

Cleaning of 2 drains which fall within the jurisdiction of Cantonment Board area have also been completed and work on remaining 2 drains are under progress to be completed by March 2018.

(Department of Urban Development, Irrigation Department, UP/ Cantonment Board)

3. Executive Director (Tech), NMCG informed that joint inspection of drains where Hon'ble NGT has directed to assess the quality and quantities have been completed. The drains/towns were Meerut, Moradabad, Bareilly, Rampur and Kannuj. On the basis of joint inspection report UP Jal Nigam was to prepare the requisite intervention based on the quality and quantity of flows.

UPJN informed that the DPR for Moradabad has been prepared accordingly, and thereafter submitted to NMCG in January 2018.

In absence of decision on Odean Nalla of Meerut, the DPR is yet to be prepared. However, UPJN is of view that 210 MLD capacity is required to cater the requirement of catchment area of Odean Nalla. Considering that Prof. A. A. Kazmi was part of the joint team, it was decided that NMCG, UPJN and Prof. A. A. Kazmi (Expert Member) shall deliberate on the available data and information and finalize the capacity so that UPJN may complete the DPR at the earliest.

(UPJN, NMCG)

4. CPCB informed that a DPR has been prepared for remediation of hazardous waste site at Ranniya. The proposal has 3 components and first 2 is associated with removal of cause (waste & contaminated soil) whereas the 3rd component is to remediate the ground water. As CPCB is in the progress of getting the social impact study on the remediation proposal, Prof. Vinod Tare, highlighted the social concern arising due to withdrawal and treatment of 6 billion liter of ground water over a period of 5 year by extracting and injecting.

It was decided that the project may be taken in two phases. Phase-I comprising of removal of cause of concern (waste and contaminated soils) as proposed in the DPR may be taken up immediately. The remaining work can be considered after completion of Phase – I work.

The project was undertaken by CPCB under commitment from State of UP and MoEF&CC to bear the cost of remediation on 60%-40% contribution (GoUP : NCEF, MoEF&CC). The project is not having any funding support for its implementation.

It was decided that State of UP and MoEF&CC may be requested to arrange necessary financial support (Rs. 130 Cr) for execution of Phase – I of this project. Option to utilize environmental compensation collected under NGT orders may be explored by approaching NGT in this regard.

(MoEF&CC, UP Govt., CPCB, UPPCB)

5. NMCG informed that SPV namely Jajmau Tannery Effluent Treatment Association (JTETA) has been formed by tanneries in Jajmau cluster, with around 310 tannery units as member as on date. Remaining members are expected to join by the end of Feb 2018 as reported.

The DPR for 20 MLD – dilution based CETP has been accepted by the JTETA, which has been appraised by third party and necessary incorporation has been made. The proposal is due for consideration by Executive Committee of NMCG, due to meet shortly, for its approval.

Mode of implementation and work supervision was discussed. It was decided that JTETA shall engage a Project Management Agency for the purpose to provide all

required assistance till commissioning of the project. Committee was of view that JTETA may engage M/s. Tamil Nadu Water Investment Company Ltd (TWIC), the company entrusted to prepare the DPR in order to have assurance on the quality and projected outcome. Further, as the technology in the DPR has been proposed by TWIC, the outcome of implementation of technology and performance of the plant shall be better assured if TWIC is partnered as PMC. However, SPV is free to take its independent call in this regard.

It was also decided that nominee from the followings government and other stakeholders shall be on the boards of Directors of JTETA to have proper representation and to ensure necessary compliance and monitoring of the project.

- i. Nominee of National Mission for Clean Ganga
- ii. Nominee of State of Uttar Pradesh
- iii. Nominee of Kanpur Commissioner
- iv. Nominee of Kanpur Nagar Nigam
- v. Nominee of UP Jal Nigam
- vi. Independent Technical and Scientific expert

Further, Prof. Vinod Tare requested to share the copy of DPR with all the Committee members so that any suggestions, if necessary, can be extended for consideration by the competent authority.

(NMCG)

6. With regard to upgradation/modification status of CETP for Unnao and Banthar tannery cluster, it was informed that UPPCB has received the modified DPRs from the SPVs and is due for assessment by Technical Evaluation Committee constituted by Implementation Committee. In case, requisite treated sewage is not available for dilution to meet the stipulated norms of CETP notified by MoEF&CC dt. 1 Jan 2016, the CETP has to adopt ZLD system.

(UPPCB)

7. Compliance to the discharge norms or other conditions imposed to the industries was discussed and UPPCB informed that all the units which are operating were found to be complaint during its last inspection. However, many of the units which were closed by

CPCB under the section 5 of E(P) A, has been permitted to operate after revocation of closure direction by CPCB. UPPCB has followed the direction of CPCB in this regard.

(CPCB, UPPCB)

8. With regard to inspection of 100 KLD plus industries as per direction of NGT, it was informed that CPCB has covered all such units and therefore, there was no necessity of having joint inspection by CPCB and UPPCB.

It was decided that the present status of all the industries which were inspected either by order of NGT during the course of hearing or in compliance to the direction given in the judgment, CPCB and UPPCB shall provide complete information to NMCG latest by 5th March 2018, as CPCB has not provided this information to NMCG inspite of repeated requests, for its incorporation in the compliance report/progress report.

(CPCB, UPPCB)

9. It was informed that the Committee constituted for determination of e-flow in compliance to the judgment has held 2 meetings till date. The stretch covered is from Rishikesh to d/s. Unnao. Necessary data and corresponding information from different sources viz. CWC, Irrigation Dept. of UP has been collected and stimulation studies have been completed. Draft report is under preparation on the basis of the hydro dynamic simulations studies carried out by CWC. The report will be considered by the Committee. A draft salient finding of the present study was provided which is at **Annexure-III**.

It was decided the present status as submitted to the Committee may be provided in the progress report and NGT may be brief accordingly.

(CWC)

10. CWC informed that flood plains have been marked through geo-spatial technology. It was reported that due to meandering nature in plain, the flood plains are very wide. Committee constituted for the purpose has convened 2 meetings on 5th December 2017 and 30th January 2018 respectively. On the basis of information collected from different agencies, using 90 m SRTM DEM data and the outputs of flood frequency analysis, two dimensional modelling was done to find out flood extent in this reach. Report is under preparation on the basis of the analysis done so far. Report will be circulated to

Committee members for their comments before finalization. In respect to identification of protected zone, regulatory zone and the activities that can be/cannot be carried in the regulatory zone of the floodplain, the reports/notes/ International practises already available in respect of flood plain zoning are being collected. The Committee has requested to prepare 25 years 50 years 100 years return period flood for flood plains mapping. As per NGT, 100 meters along the both banks of river is No Activity zone till the Committee defines the zoning and state government make necessary notification in this regard.

It was decided that the present status as reported to the committee shall form part of the compliance report to be submitted to NGT.

It was decided that high resolution DEM for river Ganga and its tributaries may be got prepared by Survey of India for an appropriate expanse on both banks, viz., 10 km, which can be used for mapping of flood plain and its zonation for demarcation of protected, regulatory and permissible zones along the banks of river. These DEMs obviously will also be used for mapping, on geospatial layers, various sewerage and non-sewerage interventions being undertaken/ planned in Ganga basin. Executive Director (Tech) informed that NMCG has already obtained a proposal from Survey of India based on shape files shard with them for 10 km strip on both banks of river Ganga and its tributaries and detailed proposal has been requested from Survey of India for obtaining approvals of government.

(CWC)

11. The compliance status of Central Ground Water Authority was presented before the committee. The committee opined that the compliance report should highlight the quantitative status with regard to authorization issued, compliance verified, etc.

It was informed that draft policy document on water charge has been prepared and is under review with competent authority.

(CGWA)

12. The committee was informed that no information has been received from Agricultural department of UP with regard to their compliance.

It was decided that associated para of the judgment shall be communicated to the concerned department, through highest authority to submit their compliance status. In case, no response is received, NGT may be informed accordingly.

(NMCG, Dept. of Agriculture, UP)

13. The committee suggested that the progress status should reflect more in quantitative terms than qualitative or generic. All stakeholders were requested to provide necessary quantifiable achievements/progress made on each direction so that the efforts and progress can be recognized.

(All Stakeholders)

14. The updated information/progress report (parawise) shall be provided by 5th March 2018 by all stakeholders in the format to be circulated by NMCG. The detail progress shall attached as annexure of the report.

(All Stakeholders)

The meeting ends with thanks to the Chair.

List of participants:

1. Shri U. P. Singh, Secretary, MoWR, RD&GR—in chair-
2. Shri A.Sudhakar, Member Secretary, CPCB
3. Prof. A. K. Gosain, IIT Delhi
4. Prof. Vinod Tare, IIT Kanpur
5. Dr. A. B. Akolkar
6. Shri. D. P. Mathuria, Executive Director – Technical, NMCG
7. Shri. S. P. Shahi, Special Secretary, Urban Development Department, UP
8. Dr. Manoranjan Hota, Adviser, MoEF&CC
9. Shri. J. B. Ravinder, Joint Adviser, Ministry of Urban Development
10. Shri Sanjeev Kumar, UP Jal Nigam
11. Prof. A. A. Kazmi, IIT Roorkee
12. Shri Sundeep, Director Technical – II, NMCG
13. Shri K.K. Jain, CE, Irrigation Department, UP
14. Shri Anil Kumar, SE, Irrigation Department, UP
15. Shri Sanjay Tewari, Nodal Officer, UPSIDC
16. Shri Bhupesh Kumar, SJC (PP), MoWR
17. Dr. Uma Kapoor, RD, CGWA
18. Shri. V.V Vandham, Administrayor, CGWA
19. Shri. Ravi Shanker, CE, CWC
20. Shri Mohd. Tahir, EE, UP Jal Nigam
21. Shri Ramsharan, PM, GPCU, Kanpur
22. Shri Ritesh, CWC
23. Shri. N. N. Rai, Director, CWC
24. Shri T. U. Khan, Environment Engineer, UPPCB
25. Shri Kabir, JE, Cantonment Board - Kanpur
26. Shri. Sravan Kumar Kota, Research Officer, NMCG
27. Shri Kumar Ajitabh, Project Officer – Legal, NMCG
