

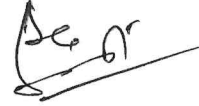
T-03/2016-17/534/NMCG/Phase II/Vol.III
Ministry of Jal Shakti
Department of Water Resources, River Development
& Ganga Rejuvenation
National Mission for Clean Ganga

1st Floor,
Major Dhyan Chand National Stadium
India Gate, New Delhi-110002
Dated: 11th December, 2025

OFFICE MEMORANDUM

Subject: Minutes of the 15th meeting of the re-constituted Principal Committee in the NGT Matter OA No. 06 of 2012 held on 14.11.2025 from 05.00 PM onwards

A copy of Minutes of the 15th Meeting of the re-constituted Principal Committee in the NGT matter O.A. No. 06 of 2012 held on 14.11.2025 under the Chairmanship of Secretary, DoWR, RD&GR, Ministry of Jal Shakti is forwarded herewith for information/ necessary action.



(Anup Kumar Srivastava)
Executive Director-Technical, NMCG
ed-technical@nmcg.nic.in

Encl: As above.

To:

1. Additional Secretary, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhavan, Jorbagh Road, New Delhi – 110032
2. Chief Secretary, GNCTD, Delhi Secretariat, IP Estate, Near Indira Gandhi Indoor Stadium, Delhi - 110002
3. Secretary, Irrigation Department, Govt. of Haryana, Haryana Civil Secretariat, Sector-1, Chandigarh, Haryana
4. Secretary, Irrigation Department, Govt. of Himachal Pradesh, H.P. Secretariat, Shimla-171002
5. Secretary, (UP) Irrigation Department, Babu Bhawan Sachivalya, Government of UP, Lucknow – 226 001
6. Secretary, Irrigation Department, Govt. of Uttarakhand, 4 Subhash Road, Secretariat, Fourth Floor, New Building Dehradun, Pin code-248001
7. Secretary, Department of Environment, Govt. of NCT of Delhi, 6th Floor, Delhi Secretariat, IP Estate, New Delhi
8. Secretary, Department of Irrigation & Flood Control, Varunalaya Complex (Phase-II), Karol Bagh, New Delhi-110005

9. CEO, Delhi Jal Board, Delhi Jal Board, Varunalaya Complex (Phase-II), Karol Bagh, New Delhi
10. Shri Shashi Shekhar, Expert Member, C – II/155, Satya Marg, Chanakyapuri, New Delhi – 110021
11. Prof. (Retired) A. K. Gosain, Indian Institute of Technology Delhi Hauz Khas, New Delhi - 110 016
12. Prof. (Emeritus) C. R. Babu, Centre for Environmental Management of Degraded Ecosystems, School of Environment Studies, University of Delhi-110007.
13. Prof. A. A. Kazmi, Civil Engineering Department, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand 247667
14. Vice Chairman, Delhi Development Authority, Vice-Chairman Office B- Block, 1st Floor Vikas Sadan, New Delhi-110023
15. Chairman, Central Ground Water Board, Bhujal Bhawan, NH-IV, Faridabad, 121001
16. The Member Secretary, Haryana State Pollution Control Board, C-11, Sector 6, Panchkula, Haryana 134109
17. The Member Secretary, Uttar Pradesh Pollution Control Board, Building.No. TC-12V, Vibhuti Khand, Gomti Nagar, Lucknow-226 010 Member Secretary, Delhi Pollution Control Committee, Government of N.C.T. Delhi, 4th Floor, ISBT Building, Kashmere Gate, Delhi-110006
18. Member Secretary, Upper Yamuna River Board
19. Chief Engineer (GW), Delhi Jal Board

Copy for kind information to:

1. PPS to Secretary, Department of Water Resources, RD&GR, Ministry of Jal Shakti, Shram Shakti Bhavan, Rafi Marg, Sansad Marg Area, New Delhi, Delhi 110001
2. PS to Director General, NMCG
3. PS to ED (Projects), NMCG

Minutes of the 15th meeting of the re-constituted Principal Committee

The 15th meeting of the Principal Committee (Yamuna) constituted by Hon'ble NGT in the matter OA No. 06 of 2012 was held on 14.11.2025 in Conference Room, DoWR, RD & GR under the Chairmanship of Secretary, DoWR, RD & GR, Ministry of Jal Shakti. The list of participants is at ***Annexure-I***.

The Chair welcomed the participants. The Member Secretary of the Principal Committee briefed the members on the major directions of the Hon'ble NGT arising from the judgment dated 13.01.2015. The key discussions and decisions are summarized below:

Item 1: Review of Maily Se Nirmal Yamuna Revitalization Project

1.1 Status of Sewerage Infrastructure & drain tapping in Delhi- DJB

1.1.1 CEO, Delhi Jal Board informed that:

- i. Delhi currently has 814 MGD STP capacity, projected to increase to 1038 MGD by December 2027 via augmentation of 9 STPs and addition of 34 DSTPs.
- ii. Installed capacity is expected to rise to 1500 MGD by December 2028, with new STPs planned at drain mouths and in catchments.
- iii. 28 STPs of 735.40 MGD have been upgraded and are achieving the standards recommended by Hon'ble NGT. Based on the gap identification study report of CPCB, UV radiation units are being installed in 4 STPs – Pappan Kala Ph-2, Nilothi Ph-2, Kapashera and Chilla for Faecal Coliform treatment. Further, 9 STPs of 135.7 MGD are to be upgraded.
- iv. 34 new DSTPs are planned for new settlements in outer areas of Delhi. Tenders issued for 13 DSTPs sanctioned under AMRUT 2.0 for which Sewer network work are in progress. About remaining 21 DSTPs, tenders for 15 projects issued and tenders for 6 projects will be issued in November 2025.
- v. Of the 22 major drains discharging into Yamuna, 10 have been tapped; work is under way for Maharani Bagh Drain. Eight remaining drains will undergo temporary insitu treatment, with STPs planned at their mouths.
- vi. In 846 unauthorized colonies, STPs, sewer networks, and house connections are complete; remaining works will be awarded by March 2026 and completed by March 2028. Septage from non-sewered areas will be collected and treated at STPs.

1.1.2 Committee suggested that overall picture of the status of drain tapping and sewerage infrastructure (existing & proposed) may be presented through a Pictorial/Graphical Format using Maps/ GIPs and submit it to NMCG within 15 days for circulation with the members of Principal Committee.

[Action: DJB]

1.2 Status of Industrial Pollution in Delhi-DPCC

1.2.1 Delhi Pollution Control Committee briefed about the status of industries and CETPs in Delhi and the action taken against violating industries.

1.2.2 The Committee suggested that:

- i. DPCC to indicate the status of water quality monitoring data of drains and River Yamuna, in order to depict a comprehensive picture of the works being carried out in Delhi. It shall also reflect improvement in last one year may be highlighted in the presentation.
- ii. DPCC to take necessary actions against the industries operating in non-conforming areas.
- iii. ETPs in Delhi may be connected and monitored through online monitoring platforms. Meanwhile, a portal may be worked out for uploading of self-declaration by the industrial unit about their compliance status.
- iv. Water quality data and the data received through OCEMS to be made public.

[Action: DPCC]

1.3 Yamuna Flood plain Restoration-DDA

1.3.1 Delhi Development Authority (DDA) informed that:

- i. DDA has been proactively and primarily working towards protection of Yamuna Floodplains (repossession and demarcation), the 'O-zone' as per the Delhi Masterplan of 2021.
- ii. More than 1500 acres of land has been retrieved from encroachment in 'O' zone.
- iii. DDA working towards restoration of the floodplains (development of buffer zone etc.) and promoting river-people connect. Of around 10,000 hectares of land in 'O' zone, restoration works have been carried out in around 1700 hectares.

1.3.2 The Chair remarked that the flow in River Yamuna may increase post dam scenario in upper catchment and result in submergence of more areas in floodplain. Therefore, the agencies should plan their projects accordingly. Prof. C. R. Babu observed that with bunds at an elevation of 210 m would protect human settlements beyond it, but areas within it would be affected. Prof. A. K. Gosain suggested that if the area is inundated every year, the restoration activities in the floodplain should be planned that are able to sustain flooding and have minimum recurring expenditures.

1.4 Sewerage Infrastructure, Industrial Pollution and Drain Tapping- Haryana State PCB

- 1.4.1 Haryana SPCB briefed about the status of works on-going and proposed in the catchment of the 11 drains out falling into River Yamuna.
- 1.4.2 The Chair directed the State to provide year-wise targeted improvement in BOD levels expected in the 11 drains out falling into the River Yamuna, based on the interventions proposed by the State, within 15 days. He further directed for a DO letter be written to Chief Secretary, Haryana for representation of senior level officer in the meetings.

[Action: HSPCB; NMCG]

1.5 Sewerage Infrastructure, Industrial Pollution and Drain Tapping- Uttar Pradesh PCB

- 1.5.1 UPPCB briefed about the number of drains out falling into River Yamuna from Ghaziabad and Noida and details of STPs operational in Ghaziabad and Noida.
- 1.5.2 The Committee remarked that the State may furnish further details with regard to water quality of the drains and status of tapping of each drain out falling into River Yamuna along with proposed timeline for ensuring no untreated discharge into the River from Ghaziabad and Noida. Further, A DO letter be written to Chief Secretary, Uttar Pradesh for representation of senior level officer in the meetings.

[Action: State of Uttar Pradesh; NMCG]

Item 2: Proposals

A. From Delhi Development Authority

2.1 Construction of Electric Substation (6m X 4m) in Yamuna Flood plain

For construction of Electric Substations of size 6m X 4m in Yamuna Flood plain at four locations – Vasudev Ghat, Asita, Yamuna Vatiika and Amrut Biodiversity Park. Stated that the substation is essential for providing electricity to the ongoing development and restoration activities being carried out by DDA in the area, including public utilities and safety features. The station shall be located on a higher level that will not hinder the flow of water. Around 15,000 person per day are visiting these parks.

Decision:

Considering the proposal of illumination of the developed areas as a basic activity to serve the area and safety of public, especially women, in view of increased footfall, and to facilitate river people connect, the Committee recommended the proposal, subjected to following conditions:

- i. DDA to explore the option of sharing the substation that is existing at Nigambodh Ghat, for electrical connections at Vasudev Ghat.
- ii. Safety measures against electrocution during flooding.
- iii. Structures to be on elevated platform above HFL.
- iv. Only essential illumination is to be provided.

[Action: DDA]

2.2 Cycle Track Project along the Yamuna Floodplains for Restoration and Sustainable Public Engagement - (i) Cycle Track is proposed to run from Wazirabad Barrage to Okhla Barrage, covering an approximate length of 52 km and shall be implemented in phased manner. 3 m width cycle track has been proposed in a manner to utilize the existing pathways [D1] in the stretches identified; (ii) Adaptive Reuse Proposal of the Old Railway Bridge (ORB), including provisions for ramps, stairways, and lifts to facilitate universal access from the floodplain to the bridge decks.

2.3 Development of a Commercial Complex on land parcel retrieved by DDA at Baansera - DDA informed that land parcel measuring approximately 1.396 hectares (3.45 acres) situated along the Ring Road at Baansera, Birsa Munda Chowk, was recently retrieved by DDA from PWD. The proposed open-air commercial complex is conceptualized as a transitional ecological buffer between the urban edge of Ring Road and the restored green expanse of Baansera. It seeks to promote regulated public interaction and low impact recreation.

Discussion and Decision with the regard to DDA's proposals at 2.2 and 2.3:

- i. ***Comments from Expert Members-*** Prof. A.K.Gosain highlighted that as per the directions of Hon'ble NGT, the area has been retrieved from encroachment with a lot of difficulties, to restore it back to its original form with no intervention with the floodplain. Cycle track/ road can be developed outside the embankment without violating the directions of NGT. Prof. C.R.Babu remarked that any development in floodplain (cycle track/ commercial complex), during flooding would get submerged, washed away and buried under huge sediment, due to high erosive transport potential of the monsoon river. Therefore, DDA may explore developing such activities

outside the embankments. Prof. A.A.Kazmi remarked that no permanent structures are to be constructed in the floodplains.

- ii. The Chair directed DDA to organize a visit of the Committee members to the sites proposed for development of Cycling Track and Commercial Complex.
- iii. Revised proposals incorporating all the details including siting details, prefeasibility report/ DPR, consideration of alternatives and justification be sent to NMCG.

[Action: DDA]

B. Proposal from Delhi Jal Board

2.4 Installation of 137 (117 + 20) tube wells including access/ approach arrangement and electricity connection in Yamuna Floodplain area and the associated civil works of the tube well rooms above HFL/gantry arrangement and conveyance water lines- DJB would be able to augment about 15 to 30 MGD potable water which can cater the demand of the citizens of Delhi thereby reducing the supply-demand gap of water supply to some extent.

Discussions

- i. ***Comments from Expert Members-*** Prof. A.K.Gosain suggested that as per the reports of CGWB, Delhi is already over extracting its groundwater. These proposed tubewells shall directly extract water from the River, which is not a viable or sustainable solution. Efforts must be made in re-utilizing the treated water. Further, it was highlighted that at each location a column of 6X4m would be put and would be hindrance. Only tubewell to be put in and the electric connections be taken away from the floodplains. Prof. C.R.Babu suggested that efforts may be made by the State Government in storing and utilizing the floodwater. These may be stored in reservoirs or diverted to wetland for recharging the floodplains. Prof. A.A.Kazmi raised concern with regard to the quality of ground water that will be extracted from the floodplain for potable uses and laying of pipeline all along for taking the extracted water to the Water Treatment Plant for treatment of the same.
- ii. Engineer-in-Chief HoD (Spl) IWRD, Haryana informed that by installing tubewells in flood plains, river regeneration will be affected. Further, Haryana has its allocation at Okhla, which during non-monsoon season depends upon river regeneration and return flow contributed by Delhi, between Wazirabad and Okhla stretch of river Yamuna. Extracting water through tubewells may reduce availability of water at Okhla resulting in reduced share of Haryana. Allocations to different States are being done by UYRB and thus this proposal should be deliberated in UYRB meetings so that share of Haryana is protected as per MoU of river Yamuna.

- iii. Member, CGWB informed that Yamuna floodplains has the capacity for providing water and the proposed locations of tubewells may not impact the concerns of Haryana.
- iv. DG, NMCG clarified that in last Principal Committee meeting, the Committee recommended the proposal of DJB only for permission for electric connection to ranney wells and tubewells and not for installation of the tubewells.

2.5 Installation of 100 MGD Sewage Treatment Plant (STP) for treatment of discharge from Delhi Gate Drain in Yamuna Flood plain area- at a land parcel measuring approximately 50 acres, located adjacent to the Rajghat DTC Depot.

Discussions

- i. **Comments from Expert Members-** Prof. A.K. Gosain remarked that DJB may review the plan as per the directions of Hon'ble NGT as the drain should not get this much quantity of flow, if the flow at the upstream was tapped properly. Prof. C.R.Babu suggested that the STP be planned outside the embankment. Prof. A.A.Kazmi suggested that a site-visit may be organized to ascertain the proposed location.

Decisions to Points 2.4 & 2.5

- i. The Chair directed DJB to organize a visit of the Committee members to the sites proposed for installation of tubewells and 100 MGD STP in the Yamuna Floodplain.
- ii. Revised proposals incorporating all the details including siting details, prefeasibility report/ DPR, optimize borewells, consideration of alternatives and full justification be sent to NMCG.
- iii. Further DJB/CGWB was asked to optimize the number of borewells.

[Action: DJB]

The meeting ended with vote of thanks to the Chair.

Presentations made by the agencies are attached as under:

- i. Delhi Jal Board (at **Annexure-II, VII, VIII**)
- ii. Delhi Pollution Control Committee (at **Annexure-III**)
- iii. Delhi Development Authority (at **Annexure-IV**)
- iv. Haryana State Pollution Control Board (at **Annexure-V**)
- v. Uttar Pradesh Pollution Control Board (at **Annexure-VI**)

List of participants:

DoWR, RD & GR, NMCG, CGWA, UYRB

1. Shri V.L. Kantha Rao, Secretary, DoWR, RD&GR, Ministry of Jal Shakti – *in Chair*
2. Shri Rajeev Kumar Mital, Director General, NMCG
3. Shri Anup Kumar Srivastava, Executive Director (Technical), NMCG
4. Shri Ravi Bhusan Kumar, Member Secretary, UYRB
5. Shri Pratul Saxena, Member (Regulation), CGWB
6. Dr. Vikas Ranjan, Scientist-D, CGWA
7. Dr. Pravin Kumar, Director Technical, NMCG
8. Mrs. Ruby Raju, Senior Project Engineer, NMCG

Expert Members

9. Prof. (**Retired**) A. K. Gosain, IIT Delhi, Expert Member
10. Prof. (**Emeritus**) C. R. Babu, CEMDE, Delhi University, Expert Member
11. Prof. A. A. Kazmi, IIT Roorkee, Expert Member (*through Video Conferencing*)

NCT of Delhi

12. Sh. Vijay Kumar Bidhuri, Secretary (E&F and UDD), GNCTD
13. Shri. Kaushal Raj Sharma, Chief Executive Officer, Delhi Jal Board
14. Sh. Sandeep Mishra, Member Secretary, Delhi Pollution Control Committee cum Special Secretary (Environment), Delhi
15. Shri Anil Kumar, CE, I&FC, GNCTD
16. Shri Vishant Kumar, SE, DJB
17. Shri V. P. Yadav, SE (GW), DJB
18. Shri Kapil Gogia, EE (Project), DJB

DDA

19. Shri. N Saravana Kumar, Vice-Chairman, DDA.
20. Shri. Vipul Aggarwal, Principal Commissioner (DDA)
21. Ms. Kalpana Khurana, Additional Commissioner (Landscape), DDA
22. Shri Mukesh Kumar, CE (DDA)
23. Shri Rajnish Kumar, SE (DDA)
24. Shri Mohammed Uzair, Assistant Director, DDA
25. Ms. Kriti Goel, Senior Landscape Architect, DDA

Govt of Haryana

- 26. Sh. Birender Singh, Engineer-in-Chief HoD (Spl) IWRD (*through Video Conferencing*)
- 27. Sh. Balraj Singh, Chief Environmental Engineer, Haryana State PCB
- 28. Shri Vikas Grewal, Scientist – C, Haryana State PCB

Govt of Uttar Pradesh

- 29. Shri Reetesh K Tewari, RO (Noida), UPPCB

Govt of Uttarakhand

- 30. Shri Y. K. Pant, Secretary (Irrigation), Uttarakhand