


**T-03/2016-17/534/NMCG/Phase-II**  
**National Mission for Clean Ganga**  
**Ministry of Water Resources, River Development &**  
**Ganga Rejuvenation**

1<sup>st</sup> Floor,  
Major Dhyan Chand National Stadium  
India Gate, New Delhi-110002  
Dated: 16<sup>th</sup> January, 2018

**OFFICE MEMORANDUM**

**Subject: Minutes of Meeting of Principal Committee in the matter of O.A. No. 06 of 2012 – held on 08.01.2018 at 11.00 AM under the chairmanship of Secretary, MoWR, RD&GR.**

A copy of Minutes of Meeting of Principal Committee held at Conference Room, MoWR, RD&GR on 08.01.2018 at 11.00 AM 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)  
Member Secretary, Principal Committee

Encl: As above.

To,

1. Shri Shashi Shekhar, C – II/155, Satya Marg, Chanakyapuri, New Delhi – 110021
2. Additional Secretary, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhavan, Jorbagh Road, New Delhi – 110032
3. Joint Secretary (PP), Ministry of Water Resources, RD&GR Shram Shakti Bhavan, Rafi Marg, Sansad Marg Area, New Delhi, Delhi 110001
4. Chief Secretary, GNCTD, Delhi Secretariat, IP Estate, Near Indra Gandhi Indoor Stadium, Delhi - 110002
5. Secretary, Irrigation Department, Govt. of Haryana, Haryana Civil Secretariat, Sector-1, Chandigarh, Haryana
6. Secretary, Irrigation Department, Govt. of Himachal Pradesh, H.P. Secretariat, Shimla-171002
7. Secretary, (UP) Irrigation Department, Babu Bhawan Sachivalya, Government of UP, Lucknow – 226 001
8. Secretary, Irrigation Department, Govt. of Uttarakhand, 4 Subhash Road, Secretariat, Forth Floor, New Building Dehradun, Pin code-248001
9. Secretary, Department of Environment, Govt. of NCT of Delhi, 6<sup>th</sup> Floor, Delhi Secretariat, IP Estate, New Delhi (Fax – 011 23392034)
10. Secretary, Department of Irrigation & Flood Control, Varunalaya Complex (Phase-II), Karol Bagh, New Delhi-110005
11. CEO, Delhi Jal Board, Delhi Jal Board, Varunalaya Complex (Phase-II), Karol Bagh, New Delhi-110005

12. Dr. A. K. Gosain, Professor of Civil Engineering, Indian Institute of Technology Delhi  
Hauz Khas, New Delhi - 110 016
13. Dr. C.R. Babu, Centre for Environmental Management of Degraded Ecosystems, School of  
Environment Studies, University of Delhi-110007
14. Dr. A. A. Kazmi, Civil Engineering Department, Indian Institute of Technology Roorkee,  
Roorkee, Uttarakhand 247667 IIT Roorkee

Copy for kind information to:

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

## **Minutes of Meeting of the Principal Committee held at Conference Room,**

### **MoWR, RD&GR**

In pursuance to Hon'ble NGT's order dated 18.12.2017, 4<sup>th</sup> meeting of the re-constituted Principal Committee in the matter OA No. 6 of 2012 was held on 08-01-2018 at Conference Room, MoWR, RD&GR under the chairmanship of Shri. U. P. Singh, Secretary, MoWR, RD&GR. The list of participants is at **Annexure-I**.

Following discussions were held in the meeting:

1. Executive Director (Technical), NMCG briefed about the order passed by NGT on 18.12.2017 regarding phase-II of Maily se Nirmal Yamuna Revitalization Project. According to the action plan for phase – II submitted by Delhi Jal Board (DJB) to NGT and Principal Committee, other than Najafgarh Drain (which is being taken up in Phase – I of the Project), there are 18 major drains to be trapped. With Quadisa Bagh drain getting merged with Mori Gate drain, there are only 17 drains to be trapped. Out of these 17 drains, following 11 drains are already trapped and are being treated at existing STPs:
  - i. Magazine Road Drain
  - ii. Sweepers Colony Drain
  - iii. Khyber Pass Drain
  - iv. Metcalf House Drain
  - v. Tonga Stand Drain
  - vi. Moat Drain (Vijay Ghat): Dry drain carries storm water during rains.
  - vii. Civil Mill Drain
  - viii. Delhi Gate Drain
  - ix. Sen N.H. Nallah
  - x. Drain No. 14
  - xi. Tuglakabad Drain

It was also discussed that as per the NGT order, DJB should ensure that all the pumps are functional and no leakage occurs from the trapping structures of these 11 drains. In case of default, DJB and the concerned officers shall be liable to pay environmental compensation of Rs. 25,000/- for each default. NMCG had informed NGT about discharge observed from these already trapped 11 drains and recommended to continuously monitor the drains through installation of CCTV. In compliance to NGT's order, DJB submitted its complete action Plan to NMCG on 06.01.2018 for the

remaining 6 drains with timelines for completion of works and also for YAP-III projects.

2. DJB made a presentation on the latest action plan for 6 drains along with the timelines for YAP-III projects. Based on the presentation, following discussions were held:
  - i. **Barapulla Drain:** The command area of Barapulla drain is mostly sewerred. Rehabilitation works are being taken up by DJB in sewerred areas. For unsewerred areas, the work of laying of sewerage system is in progress and has been finalized into 9 packages costing Rs. 597.03 crores. Of the 9 packages, packages Nos. 1, 2, 3 are expected to be awarded in one month's time, packages No. 4, 5, 6 & 9 are ongoing. In case of package no. 7, tender has been received and package 8 is under tendering. Both the works are proposed to be completed by December 2020.
  - ii. **Maharani Bagh:** The command area of Maharani Bagh drain is also mostly sewerred except Taimoor Nagar locality. The drain is partially trapped. DJB has identified the works in 2 packages costing Rs. 54.54 crore. In case of package no.1, the work relates to the scheme for laying internal sewer in Batla House Phase-II in respect of flow coming from unsewerred area of Taimoor Nagar and is under tender floating process. DJB has proposed to complete the work by September, 2020 amounting to Rs. 53.94 crore. As far as package 2 is concerned, the tapping quantity is to be increased from the present 70% to 100%. DJB has planned to completely trap this drain by December 2018 with an estimated cost of Rs. 0.6 Crores.
  - iii. **Kalkaji Drain:** The drain has been already trapped. However, some renovation and upgradation of the trapping infrastructure is to be completed by July 2018 amounting to Rs. 50 lakhs.
  - iv. **Tekhhand Nala:** The drain has been partially trapped. For fully trapping the drain, renovation and upgradation is required which includes construction of proper weir. The work amounting to Rs. 1 crore is proposed to be completed by July 2018.
  - v. **Shahdara drain:** This drain would be trapped on completion of package 5 and 6 of the interceptor sewerage project. Earlier, interceptor sewerage project was to be completed by June, 2018, however it is estimated that the interceptor sewerage project would be completed by September, 2018. This project was also earlier funded under

JNNURM. Since funding under JNNURM has been closed, DJB has to meet the balance cost from its own sources. The total balance requirement of funds is estimated to be Rs. 408 crores of which approximately Rs.135 crores is needed for completion of packages 5 and 6. It was stated that this work is slow due to ban of use of diesel generator by NGT. A 10 MGD STP is needed at Yamuna Vihar. It was opined that even after completion of interceptor sewerage project, it would not be fully utilized due to capacity gaps.

- vi. **Quadsia Bagh + Mori Gate:** For discharge from these drains, DJB has proposed construction of a new STP of capacity of 7-8 MGD amounting to Rs. 70 crores at DDA park inside Pustha near ISBT Kasmiri Gate. Request for land has been made to DDA. The representative of DDA was not aware of such request. During the discussion, it was learnt that the selected site falls under 'O' zone. There is restriction on taking up any construction activity in 'O' zone. However, since the proposed project is to reduce the pollution and no alternate site is available, the Principal Committee may recommend NGT to allow construction of STP under 'O' zone.

DJB also informed that all the proposed works are as per the Master plan prepared for unsewered areas. For preparation of Master plan for sewered area in Delhi, it is required to engage consultancy for the work which will also include experts from IIT-Delhi, for which an amount of Rs. 25 crore has been estimated.

DJB also informed that owing to the development charges, residents of unauthorized colonies areas are not interested to take house connections for sewer. DJB is pursuing to re-solve this issues by providing compensation to the residences.

During the discussion, DDA representative also informed that some outflows into Yamuna were observed from Moat drain informed as dry by DJB.

Secretary, MoWR, RD&GR observed that these drains were trapped previously and arrangements have become old and may have been prone to leakages. DJB informed that these drains are under jurisdiction of different agencies.

It was decided that condition assessment of these 11 drains may be carried out to see that no overflow takes places from the tapping points. These 11 drains may also be

physically verified by a monitoring team comprising of officials from CPCB, NMCG and DJB.

Principal Committee recommended that all these 6 drains after its trapping should be continuously monitored, ensuring no leakage/discharge into Yamuna.

### **3. YAP-III projects:**

DJB explained the status of the project along with the expected completion time. For the project related to Kondli zone, the work for packages K1 (rehabilitation of trunk sewer no.4) and K2 (rehabilitation of trunk sewer no.5) has been awarded and is in progress. DJB has recently requested NMCG for mobilization advance, which is being considered. As far as K-3 package (rehabilitation of old three WWTPs of total 45 MGD capacity at Kondli) is concerned, pre-bid meeting is to take place at 10.1.18 and last date for receipt of tender has been fixed as 16.2.2018. On recommendation of the Principal Committee to expedite the process, DJB agreed to advance the date of start of work from 1.7.2018 to 1.5.2018. Technical bid evaluation has been completed for the K-4 package (rehabilitation of rising main from various sewage pumping stations), bid evaluation report (Technical) will be sent to JICA on 10.1.2018.

Out of three projects for Rithala zone, tender for packages for R1a (rehabilitation of trunk/ peripheral sewer of Ashok Vihar & Jahangirpuri) and R1b (rehabilitation of rising main from Bharat Nagar SPS to Pitampura) has been received by the DJB. R1a project proposal will be placed before the next meeting of the Board for award of work. In respect of R1b, the technical bid evaluation report will be sent to the JICA on 10.1.2018. R1b project is to be finalized at the DJB level. Package R2 (rehabilitation of Rithala Ph-I WWTP of 40 MGD) will be placed before the next meeting of the Board for award of work.

Package O (construction of 124 MGD WWTP at Okhla) for Okhla zone was sanctioned on 17.3.2017. In this case, Notice Inviting Tender (NIT) is yet to be issued. Based on the market survey and large capacity of STP for this project, DJB has proposed to fix the qualification criteria as bidders having completed 1 STP of 40% capacity, 2 STPs of 25% capacity and 3 STPs of 20% capacity in place of 60% 40% and 30%. The tender document will be sent to JICA on 10.1.2018. At Okhla, the total capacity of the existing plants is 170 MGD of which 1 STP of 30 MGD has

already been closed, so effectively the present capacity is only 140 MGD against which approximately 100 MGD sewage is being received. Of the existing STPs, two STPs of 16 and 30 MGD will be retained during renovation/ reconstruction, whereas STP with a capacity of 124 MGD will be junked, to be replaced by new STP. It was reported that DJB is already carrying out work in the command areas of Okhla STP to improve flow to the STP.

4. During discussion, DDA representative informed that in Phase-I of floodplain development, they have removed encroachment of an area of 500 acres from old bridge to ITO bridge. The DDA propose to carry out work in four phases. Availability of funds is not an issue with DDA. DDA possesses approximately 4003 acres of land, however, there are lands belonging to other agencies such as Irrigation Department of UP, especially in eastern banks. River front development on the land belonging to UP irrigation department can be planned out of corporate fund being sought under NMCG.
5. The issue of pollutants carrying high ammonia content from Panipat site was also discussed. It was stated that industrial drain from Panipat drains into drain No. 2 which in turn meets the river course. A sum of Rs. 10 crores is to be given by DJB to Haryana Government to carry out some work in this regard. Fund would be made available by the DJB after approval by the Board. However, it was decided to form a team to make a field visit to inspect drain No. 2, drain No. 6 and drain No. 8.

The meeting ended with vote of thanks to the chair.

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**List of participants:**

1. Shri. U.P. Singh, Secretary, MoWR, RD&GR and DG NMCG – *in chair*-
2. Shri. Anil Kumar Singh, CEO, Delhi Jal Board & Secretary, DOE and I&FC, Delhi
3. Prof. A. A. Kazmi, IIT Roorkee
4. Shri. D. P. Mathuria, Executive Director – Technical, NMCG
5. Shri. Yogendra Pal Singh, Joint Director, MoEF& CC
6. Shri. C. P. Tripathi, Special Secretary, UP
7. Shri. Sandeep Tange, CE, Irrigation Department Haryana
8. Shri. S. K. Dhiman, SE, Irrigation Department Himachal Pradesh
9. Shri. S. K. Basligal, EE, Irrigation Department, Uttarakhand
10. Mrs. Poonam Dewan, Additional Commnr, DDA
11. Shri Sanjeeb Kumar Arya CE (E2), DDA
12. Shri Vikram Singh, CE (Dr.) Pr-I, DJB
13. Shri. V. K Gupta, Chief engineer, DJB
14. Shri Anil Choudhary, DJB, EE
15. Shri Y. K. Sharma, SE, I&FC Department GNCT
16. Shri. Chandra Shekhar, Deputy Secretary, UD, GNCTD
17. Shri Mukul Bhardwaj, SE (Dr.) PR E/NE, DJB
18. Shri Ajay Gupta, SE (Dr.), DJB
19. Shri Sandeep Mishra, SS (UD), GNCTD
20. Shri Vijay Singh, Se (Dr) DJB
21. Shri. Pradeep Yadav, SE, Irrigation Department Haryana
22. Shri. R. S. Negi, Member (Drainage), DJB
23. Shri. Mohd. Gulfishan, Deputy General Manager, UJVNL
24. Shri. Ajay Bansal, CE, UP Irrigation Department
25. Ms. Kakoli Maiti, Dy. Dir. (Plg), DDA
26. Mrs. Kawaljeet Kaur, Asst Dir (Plg.), DDA
27. Shri Subash Chandra
28. Shri Shailender Arora, HSPCB
29. Shri N. C. Upadhyay, SE, U. P. Irrigation
30. Shri Sundeep, Director Technical – II, NMCG
31. Shri. Kumar Ajitabh, Project Officer Legal, NMCG