

T-03/2016-17/534/NMCG/Phase-II
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: 27th October, 2017

OFFICE MEMORANDUM

Subject: Minutes of Meeting of Principal Committee in the matter of O.A. No. 06 of 2012 – held on 17.10.2017 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 17.10.2017 at 11.00 AM under the chairmanship of Dr. Amarjit Singh, Secretary, Ministry of Water Resources, RD&GR is forwarded herewith for information/necessary action.


(D. P. Mathuria) 27.X.2017
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, 6th 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
15. Commissioner, East Delhi Municipal Corporation, 419, Udyog Sadan, Patparganj Industrial
Area, Patparganj, New Delhi, Delhi 110096

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 tp DG, NMCG
3. PS to ED (Project/Finance/Admin), NMCG

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

MoWR, RD&GR

2nd meeting of the Principal Committee reconstituted by Hon'ble NGT vide order dated 8th August 2017 in the matter OA No. 6 of 2012, was held on 17-10-2017 at Conference Room, MoWR, RD&GR under the chairmanship of Secretary, MoWR, RD&GR. The list of participants is at **Annexure-I**.

A presentation was made by ED (Technical) NMCG regarding the draft report on Integrated Solid Waste Management for EDMC area and progress of action plans of Delhi, Himachal Pradesh, Uttarakhand, Haryana and Uttar Pradesh.

Salient outcome based on the presentation and subsequent discussions are as below:

A. *Draft report on Integrated Solid Waste Management for EDMC area*

1. EDMC had earlier proposed to construct the *Integrated Solid Waste Management (ISWM) facility* at Gonda Gujran which is falling in the floodplains of river Yamuna. The Committee had recommended to explore alternate location as it is legally prohibited to dump garbage on the active flood plain under the *Solid Waste Management Rule* and *River Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016*.
2. It was informed that the ISWM plant requires 20 acres of land and 8 acres of land is already available at the Ghazipur landfill site having a total area of 70 acres. Therefore EDMC was requested to explore additional 12 acres of land at the site by managing the existing waste dump for creation of 1500 TPD treatment facility consisting of WtE, C&D and composting plant.
3. The comments of various expert and status of their compliance in the draft report was discussed in detail. It was informed that at present the Ghazipur landfill site emits GHGs and the existing WtE plant is equipped with Flue Gas Cleaning System and wet scrubbers. Until the plant works very efficiently, 5-10% residue waste will be generated and require landfill disposal. Thus it was recommended that possibility of exploring the utilization of old waste (legacy waste) from the landfill in the proposed WtE and other facility may be explored to clear the site in a phased manner.

4. EDMC to also ensure that electricity is purchased from the developer at a rate of Rs. 7.91 per unit for the proposed years and facilitate the purchase of recycled products viz., tiles etc by the respective consumers by providing requisite facilitation.
5. EDMC to re-consider the proposal along with the recommendations of the experts and submit their final decision on the proposal within a week.

B. *Action Plan for River Yamuna Phase II by Delhi Jal board (DJB)*

1. In reference to the previous meeting of Principal Committee held on 04.09.2017, DJB informed that they are in process of engaging CSIR-Indian Institute of Toxicology Research for studying the impact of water quality (particularly hexavalent chromium) of river Yamuna in Delhi on public health. Secretary, MoWR, RD & GR recommended to engage Indian Council of Medical Research for the said study.
2. DJB informed that there are about 200 drains in Delhi, of which 150 drains have been identified and mapped through GIS. With the completion of on-going DJB projects, all the drains will be tapped and no sewage will be flowing through these drains by the end of 2022. The Committee desired the project completion timeline of 2022 should be reviewed and reworked by expediting the work.
3. The Committee observed that in the areas which are sewerred, existing sewer lines were chocked/ punctured and sewage was bypassed into the drains which is an inappropriate practice. Therefore the Committee directed that the responsible stakeholders such as DJB, NDMC, SDMC and PWD should ensure that the sewers are repaired and well maintained. DG NMCG informed that UP Jal Nigam had undertaken the work of cleaning of sewer lines in Kanpur which had resulted in not only saving in power consumption but additional 30–40 MLD of sewage is reaching the existing 210 MLD STP at Bingawan. Therefore O&M of sewer lines is an important aspect in management of sewage infrastructure.
4. Secretary MoWR suggested DJB to prepare an operational plan for the next 2-3 years in respect of drains flowing through sewerred and unsewerred areas, their interception and diversion to STPs, which is broadly acceptable. The plan will be reviewed by the three experts of the Committee Prof. C. R. Babu, Prof. A. K. Gosain and Prof A. A.

Kazmi by 10th of November. The revised plan may include the choked or punctured sewers which require cleaning and repair in order to increase the efficiency of the existing STP.

5. It was also suggested that drains carrying low flow and lesser load should be treated by creating constructed wetlands.

C. Action Plan submitted by States

1. Himachal Pradesh

It was informed that Paonta Sahib town in Himachal Pradesh falls along river Yamuna having 2 STPs with total capacity of 1.44 MLD. DPR for 1.72 MLD STP has been submitted by the State, which has not been considered by NMCG being a non-priority project. Representative from Himachal Pradesh informed that the proposed STP amounting to Rs. 5.46 crore shall deal with the total discharge of the town into the river Yamuna. Secretary, MoWR, RD & GR asked NMCG to re-examine the proposal.

2. Haryana

It was informed by DJB that high ammonia level have been detected during 14-15.10.2017 at Wazaribad pondage from where raw water is led into Sonia Vihar and Yamuna Vihar WTP. This pollution is contributed by Sonapat town through drain no. 6 which meets supplementary drain in Delhi. Drain no. 6 flows along the bed of DD-8 drain near Sonapat and was channelized by Haryana irrigation department as a deposit work on behalf of DJB to prevent its spills into DD-8, which ultimately joins river Yamuna. It was informed by officials from Haryana that drain no. 6 requires repairs for which funds approximately amounting to Rs. 10 crore are pending payment by DJB. Mean while the issue of pollution from drain no. 6 into DD-8 has been addressed for present by temporarily blocking the inflow of DD-6 into DD-8. Further a CETP is already under operation at Sonapat. It was decided by Secretary, MoWR, RD & GR that DJB would release the pending payments to undertake drain repair works so that the problem doesn't recur.

3. Uttarakhand

It was informed that the pollution load of the drains was not being measured as most of the drains are Gadheras/ natural water carrying streams. Principal Committee expressed their displeasure over the absence of representative from the State and had

the view that the drains should be monitored for few important water quality parameters as they also carry sewage during non-monsoon season.

4. Uttar Pradesh

Representative from Uttar Pradesh informed that the action plan is under preparation for 10 drains in Saharanpur, 20 drains downstream of Delhi to Agra. The action plan would be provided to the Principal Committee shortly.

It was decided that the next meeting of the Principal Committee will be held on 17.11.2017.

The meeting ended with vote of thanks to the chair.

List of participants:

1. Dr. Amarjit Singh, Secretary, MoWR, RD&GR
2. Shri. U. P. Singh, Director General, NMCG
3. Shri. Keshav Chandra, CEO, Delhi Jal Board& Secretary, DOE and I&FC, Delhi
4. Prof. A. K. Gosain, IIT Delhi
5. Dr. C. R. Babu, DU
6. Prof. A. A. Kazmi, IIT Roorkee
7. Shri. D. P. Mathuria, Executive Director – Technical, NMCG
8. Shri. Bhupesh Kumar, SJC (PP), MoWR, RD&GR
9. Shri. Y. P. Singh, Joint Director, MoEF&CC
10. Shri. Ranbir Singh, Commissioner, EDMC
11. Shri Praveen Khandelwal , EDMC
12. Shri. C. P. Tripathi, Special Secretary, UP
13. Shri. Sandeep Tange, CE, Irrigation Department Haryana
14. Shri. Pradeep Yadav, SE, Irrigation Department Haryana
15. Shri. S. K. Dhiman, SE, Irrigation Department Himachal Pradesh
16. Shri Y.K.Sharma, SE, I&FC Department GNCT
17. Shri. R. S. Negi, Member (Drainage), DJB
18. Shri. V. K Gupta, Chief engineer, DJB
19. Shri. Ajay Bansal, UP Irrigation Department
20. Shri. N. C. Upadhyay, SE, UP Irrigation Department
21. Shri. H. N. Singh, SE drainage, Ghaziabad, UP Irrigation Department
22. Ms. MriganikaSaxena, Sr. Consultant, DJB
23. Ms. Pratibha Singh, Urban Designer, DJB
24. Shri. S. Tanseef Hussain, Consultant Wastewater
25. Shri. S. K. Bhardwaj, SE, DJB
26. Shri Sundeep, Director Technical – II, NMCG
27. Dr. Pravin Kumar, Director Technical - III, NMCG