


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: 9th August, 2018

OFFICE MEMORANDUM

Subject: Minutes of 5th Meeting of re-constituted Principal Committee in the matter of O.A. No. 06 of 2012 – held on 18.07.2018 at 10.00 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 18.07.2018 at 10.00 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) 09.08.2018

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, 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
15. Member Secretary, Delhi Pollution Control Committee, Government of N.C.T. Delhi, 4th Floor, ISBT Building, Kashmere Gate, Delhi-110006
16. Chairman, New Delhi Municipal Council (NDMC head office), Palika Kendra, Parliament street, new delhi-110001
17. Commissioner, South Delhi Municipal Corporation, Dr. S.P.M. Civic Centre, Minto Road New Delhi – 100 002
18. Commissioner, East Delhi Municipal Corporation, 419, Udyog Sadan, Patparganj Industrial Area, Patparganj, New Delhi, Delhi 110096
19. Deputy Commissioner of Police, Land & Bldg. Cell, Police Headquarters, MSO building, IP Estate, Delhi-110002
20. Chairman, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi-110032
21. Vice Chairman, Delhi Development Authority, Vice-Chairman Office B- Block, 1st Floor Vikas Sadan, New Delhi-110023
22. Shri S.V.K. Reddy, Chief Engineer-I, Inland Waterways Authority, A-13, Sector -1, Noida, U.P.

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 Director General, NMCG
3. PS to ED (Projects, Finance, Admin), NMCG

Minutes of 5th Meeting of the re-constituted Principal Committee held at Conference Room, MoWR, RD&GR

5th meeting of the re-constituted Principal Committee in the matter OA No. 6 of 2012 was held on 18.07.2018 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:

I. Status of tapped drains in Delhi and Delhi Jal Board Projects

1. Member Convener-Principal Committee informed that based on recommendations of the Committee in its 4th meeting held on 08.01.2018, a team of officials from NMCG and DJB inspected 11 drains and observed flows in 6 drains, namely Magazine Road drain, Khyber Pass drain, Metcalf House drain, Civil Mill drain, Sen N.H. Nallah and Tuglakabad drain, mostly due to poor maintenance of the tapping system (presentation at **Annexure – II**). It was informed that 6 drains are carrying flows ranging from 5 mld to 51 mld, while no flows were observed in five drains. CPCB had also carried out measurement of flows in these drains and its report is placed at **Annexure – III**.
2. DJB informed that a separate agency is being appointed for O&M of the tapping for a period of 5 years, in order to ensure proper maintenance of tapping system and to ensure that minimal leakage from the drains is allowed into the river. The agency will be responsible for proper cleaning & maintenance of trapping system and operations of sluice gate valve etc. as per the requirements and site conditions. The agency will be appointed by 31st Oct. 2018. Installation of flow meter will also be part of O&M contract. However, since these tappings are existing on drains which are at isolated locations, the installation of CCTV is not feasible considering availability of power source and possibilities of theft/ sabotage of cameras etc.
3. It was also informed that Dr. Satya Pal Singh, Hon'ble Minister of State, MoWR, RD&GR, along with Executive Director (Technical) NMCG and officials of Haryana PCB, Haryana PHE department and HUDA inspected drain No. 2, diversion drain No. 6, diversion drain No. 8 and the existing CETP at Panipat on 09.03.2018. After due

assessment and discussions with concerned officials at site, necessary instructions for compliance were issued by the respective authorities/ agencies.

4. CEO, DJB briefed about the status of all the projects and informed that out of 8 packages in YAP-III, 7 packages (K1- rehabilitation of trunk sewer no 4, K2- rehabilitation of trunk sewer no 5, K3- rehabilitation of old three WWTPs of 45 MGD capacity at Kondli, K4- rehabilitation of rising main from various SPS, R1a- rehabilitation of trunk/ peripheral sewer of Ashok Vihar & Jehangir puri, R1b- rehabilitation of rising main from Bharat Nagar SPS to Pitampura, R2- rehabilitation of Rithala ph-1 WWTP of 40 MGD) have been awarded and are different stages of implementation. Remaining package-O (c/o 124 MGD WWTP at Okhla) would be awarded by mid-September 2018. Interceptor Sewerage Project having project cost of Rs. 1,395 Cr is being implemented in 6 packages with 54 km interceptor sewer along Najafgarh, Supplementary and Shahdra drains. While one packages has been commissioned, the work in respect of remaining 5 is to be commissioned by December'2018. With completion of this project, a total of 242 MGD of wastewater would be trapped (from 108 sub drains) of which 93 MGD has already been trapped. It was also informed that 30% works related to construction of 318 MLD STP at Coronation Pillar has been completed and estimated time of completion is September 2019.

Chairman-Principal Committee recommended that the treated STP water should be used by industries in its vicinity.

Status of trapping of 6 drains in Maily Se Nirmal Yamuna Revitalization Project Phase-II with timeline was presented before the Committee. The details are as below:

No.	Drain	Timeline for completion
1.	Shahdara Outfall Drain	ISP- 31.12.2018; YAP III (Kondli)- 31.12.2021; Yamuna Vihar STP- 31.12.2018.
2.	Quadsia Bagh + Mori Gate Drain	Proposed a 6-7 MGD STP for Mori Gate Drain, land is not available and the same is being pursued from DDA. 36 months after handing over of land.
3.	Barapulla Drain	31.12.2020
4.	Maharani Bagh Drain	30.09.2020

5.	Kalkaji Drain	31.12.2018
6.	Tekhand Drain	31.12.2018

II. Solid Waste Management in Delhi

1. Chairman-Principal Committee raised concern over the poor solid waste management practices carried out in Delhi, drains as well as municipalities. It was informed that the issue has been highlighted by Secretary(WR,RD&GR) to Chief Secretary(NCT of Delhi) through a DO letter dated 3.4.2018 and 25.4.2018. The matter needs to be taken up by Delhi government in coordination with municipal corporations, who have primary responsibility for solid waste management. It was also informed that dredging and cleaning of major drains like Najafgarh, Supplementary, Barapulla and Shahdara is far from satisfactory and dredged material is being dumped on sides of drains, which find its way into drains itself, if not removed and dumped at suitable site.
2. Secretary, I&FC, Delhi informed that cleaning of drains is being carried out regularly. Further that the progress is also being reviewed regularly at higher levels in the government.

III. DDA's proposal for eco-friendly structures

1. A presentation was made by DDA regarding eco-friendly structures for different recreational activities using bamboo in the 150 m greenway corridor in the floodplains along the embankments/roads (**Annexure – IV**). DDA informed that no construction activity would take place and that the proposal deals with creating walkways, visitor's shelter, etc. aiming to connect people with the river in a sustainable manner.
2. Prof. C. R. Babu informed that the area in floodplains and along the embankment is designated for greenbelt development and no construction activities is permitted in such areas. The proposed site is flood-prone and the temporary structures may not sustain during floods, may pose a threat during floods to people visiting these walkways and may get washed off during high stages of river. Similar project was undertaken by IIT-Roorkee and the structures got washed away during 2016 floods. Creating cycling path and walking area may also restrict the water ways of the river. Therefore recommended such project should not be developed in the flood plains but outside the embankments.

3. Prof. A. K. Gosain, IIT-D also raised concern over the stability of such structures to withstand floods and also informed that creation of such facilities in floodplain/embankments would promote un-regulated commercial activities which may affect the health of the river. Further, it will lead to encroachment into floodplain and may become threatening to the river. It was suggested that endeavours should remain to abide by the decisions of not carrying out any constructing activity in floodplains.
4. Chairman-Principal Committee based on the suggestions of the expert members of the Committee did not agree to proposal in present condition and asked DDA to examine the same in light of suggestion of expert members.

IV. Delhi Police's proposal for construction of semi-permanent barracks at Wazirabad and construction of Police Post at Madanpur Khadar, which falls under 'O' zone of DDA.

1. Member Convener-Principal Committee informed that a proposal was received at NMCG from Delhi police requesting permission for construction of semi-permanent barracks at Wazirabad and construction of Police Post at Madanpur Khadar from the Committee. Further, a Committee was constituted by NMCG with Director, CWC as Chairman and officials from DDA, CPCB, NMCG and expert from Jamia Millia Islamia as members. The Committee held its two meetings and undertook a site visit for finalization of its report. The report of the Committee highlights that the area in the vicinity of the proposed area near Sonia Vihar/ Wazirabad, where Delhi Police wants to construct semi-permanent barracks is already heavily populated and the land owned by Delhi Police is being encroached and polluted by nearby residential complexes. Therefore if the proposal is implemented, it would also regulated the encroachment and pollution. Further that presently, barracks of Delhi Police are already existing the site, which are housed in tents and are now proposed to be made as semi-permanent structures to be used for training purposes by Delhi Police.
2. Shri A.A.Rizvi, Deputy Commissioner of Police, Delhi, further briefed the proposal (**presentation at Annexure- V**) and informed that the Madanpur Khadar (Jaitpur) is densely populated and crime prone and currently the police station is functioning at a rented building. As the rented place has inadequate infrastructure and lacks basic sanitation facilities and to accommodate 125 officials in a one shift, a new police station having area 1285 sqm is proposed at a distance of approx. 850m from Yamuna and with nearest High Level Flood Point of 191 m. The proposed area is in O-zone and

already exists 16 government schools and health centres are located in the area. Police station is under category of essential services meant for public order.

3. Prof. A. K Gosain informed that a study was carried out to identify 25 years floodplain in Yamuna, activities that can be carried out beyond 2nd and 3rd embankments and the report has already been submitted. Prof C. R. Babu informed that the report has been accepted by Hon'ble NGT and the activities in active floodplain must be regulated, as already at many locations, structures are existing. As these activities may affect the groundwater recharging capacity, it was recommended that no more construction should be carried out in the floodplains.
4. Member Convener-Principal Committee informed that Hon'ble NGT vide its order dated 13.01.2015 had directed the Principal Committee to identify or cause to be identified, all existing structures as of today which fall on the so identified and demarcated flood plain. Upon identification, the Principal Committee shall make its recommendations as to which of the structures ought or ought not to be demolished, in the interest of environment and ecology.
5. Considering the suggestions of the experts and the proposed area in O-zone, Chairman-Principal Committee did not agree to the proposal.

V. EDMC's proposal for setting up sanitary landfill site at GhondaGurjan and Sonia Vihar.

1. Member Convener-Principal Committee informed that proposal of EDMC for establishing engineered sanitary landfill at Ghonda Gurjan (opp Usmanpur) falling in O-Zone was rejected by Principal Committee in its meeting held on 04.09.2017 and had recommended to adopt Integrated Solid Waste Management practices and plant, in the meeting held on 17.10.2017 and 21.11.2017. In another matter in NGT, EDMC had submitted the same proposal based on the recommendations of CPCB and NEERI.
2. Dr. Suneel Nigam, Additional Director, CPCB, informed that NGT vide its order dated 3rd February 2018 directed to get the sensitivity assessment of land located near Police firing range at Sonia Vihar (150 acre) done as per CPCB guidelines by NEERI and submit report. CPCB has reported that 150 acre of land near Sonia Vihar which is on no flood zone, due to construction of unauthorized colony can also be allocated to EDMC as the site fulfills the criteria mentioned in SWM Rules'2016. NEERI

reported sensitivity score for the site as moderate. Subsequently, the reports of CPCB and NEERI were submitted in NGT.

3. DDA informed that both the areas are located in 1 in 25 year floodplain of Yamuna.
4. Chairman-Principal Committee raised concern over CPCB's recommendation on the project which neglected MSW Rules 2016. It was informed that MA has been filed by NMCG based on the previous meetings of Principal Committee and according to MoWR's notification dated 7th October 2016 wherein floodplain is defined as 1 in 100 years. The case is pending before NGT. However a stay order has been granted by the Hon'ble Supreme Court in the matter.
5. It has been informed by EDMC that since the matter pending in Hon'ble NGT has already been stayed by Hon'ble Supreme Court, accordingly, no further action on part of Principal Committee is required. Chairman, Principal Committee disapproved the submission made by EDMC and its failure to share information on such a sensitive issue and wanted that EDMC should have kept Principal Committee informed with the developments in the matter.

VI. Proposal on '*Water Taxi Project on River Yamuna in Delhi region*' by Inland Waterway Authority (IWAI)

1. Member Convener-Principal Committee informed that the proposal of IWAI for "*A 16 Km stretch (upstream of Sonia Vihar, Wazirabad to Fathepur Jat) for development of Water Taxi Way in Delhi: A Part of National Waterway-110*" was discussed in the Principal Committee meeting held on 5th May 2017. The Committee recommended IWAI to re-look into the proposal after considering the environmental impacts of the project activities. Accordingly, IWAI carried out the EIA & SIA studies of the proposal.
2. Official from IWAI briefed about the findings of the EIA report and informed that environment impact and congestions in traffic movement would arise during development phase and the same shall not occur after completion and during operational phase. In Phase-II, de-silting will be carried out, which will also have temporary effect on the benthic biota. The boat terminals would be temporary floating terminal, which can be removed during floods and no permanent structures would be constructed.
3. Prof C. R. Babu briefed about the discussions held in the meeting on 05.05.2017 and that the Committee after reviewing the proposal, had suggested to carry out

environment impact assessment and cost benefit analysis against various impacts and their mitigation plans. No dredging activity or cutting of trees should be carried out. Movement of boat and dredging activities will impact the riverine fishes, loss of benthic biota and will also affect livelihood of many dependent on fishing. This will also adversely impact the drinking water reservoir in Wazirabad. Prof. C. R. Babu suggested that there would be only 1m depth in Yamuna during lean season and it would difficult to carry out navigation.

4. Prof. A. K. Gosain informed that as the Water Taxi Way will be non-operational during monsoon, it won't serve as a mode of transport for the public for at least 3- 4 months and during this period, people would be dependent on other modes of transport, therefore such project not having basic requirements may be avoided.
5. Chairman-Principal Committee suggested that as the proposal was not rejected by the Committee previously which had suggested to carry out EIA, therefore the EIA report may be circulated to all the members of the Committee for their observations and may be discussed in the next meeting.
6. IWAI was suggested to get the reports reviewed by MoEF&CC, as environmental clearance is the mandate of this ministry. It should also review the report in context of these observations.

The meeting ended with vote of thanks to the chair.

List of participants:**Annexure-I**

1. Shri. U.P. Singh, Secretary, MoWR, RD&GR and DG NMCG – *in chair-*
2. Shri. Anshu Prakash, Chief Secretary, Delhi
3. Shri. Rajiv Ranjan Mishra, Director General, NMCG
4. Shri. Anil Kumar Singh, CEO, Delhi Jal Board& Secretary, DOE and I&FC, Delhi
5. Prof. A. K. Gosain, IIT Delhi, Expert Member
6. Prof. C. R. Babu, DU, Expert Member
7. Prof. A. A. Kazmi, IIT Roorkee, Expert Member
8. Shri. D.P.Mathuria, Executive Director – Technical, NMCG(Member Convener)
9. Shri. Hitesh Kumar S. Makwana, Executive Director – Projects, NMCG
10. Shri A. A. Rizvi, Deputy Commissioner of Police, Delhi
11. Shri Sundeep, Director Technical – II, NMCG
12. Dr. Pravin Kumar, Director T-III, NMCG
13. Dr. Suneel Nigam, Additional Director, CPCB
14. Shri. G. P. Srivastava, SE, Irrigation Department, UP
15. Shri. Sandeep Tange, CE, Irrigation Department Haryana
16. Shri Anil Bahri, Engineer in Chief, Irrigation Department - HP
17. Shri S. K. Basliyal, EE,Irrigation Department Uttarakhand
18. Shri. Sandeep Mishra, Special Secretary, GNCTD
19. Ms. Savita Bhandari, Advisor (Landscape), DDA
20. Ms. NeelimaSoni, Deputy Director, landscape, DDA
21. Shri. Shrichand, Haryana Irrigation and Water Resource
22. Shri. R. S. Negi, Member (Dr.) DJB
23. Shri Vikram Singh, CE (Dr.) Pr-I, DJB
24. Shri. V. K Gupta, Chief engineer, DJB
25. Shri. K. C. Sahu, CE, PMC, YAP-III
26. Shri. Vijay Singh, SE (Dr.) SJB
27. Shri D. K. Srivastwa, EE (ISP), DJB
28. Shri O. P. Shrivastav, CE, I&FC
29. Shri Y.K.Sharma, SE, I&FC Department GNCT
30. Shri. Sanjay Saxena, SE, I&FC Department GNCT
31. Shri. Shiv Kumar, EE, I&FC Department GNCT
32. Shri A Baschi, EIL
33. Shri Sanjay Singhal, AE, NDMC
34. Shri Rajiv Jain, SE, SDMC,
35. Shri Piar Singh, EE, EDMC
36. Shri Tauseef Hussain, Consultant, DJB
37. Shri Anil Choudhary, DJB, EE
38. Shri P. K. Tyagi, SE (Dr.) Project, DJB
39. Dr. S.D. Tiwari, EE, IWAI
40. Shri. Deepak Kumar, UltratechEnv. Consultancy
41. Shri ShekharTamhae, MD UltratechEnv. Consultancy
42. Shri Vikrant Kulkarni, UltratechEnv. Consultancy