

T-12/2017-18/268/NMCG/Vol.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: 13th May, 2019

OFFICE MEMORANDUM

Subject: Minutes of the meeting held on 11.04.2019 at 03.00 PM under the Chairmanship of Chairperson, Monitoring Committee

A copy of Minutes of the Meeting held on 11.04.2019 at 03:00 PM under the Chairmanship of Justice Arun Tandon, Chairperson, Monitoring Committee in Conference Room-NMCG, regarding compliance status with respect to groundwater, e-flow and floodplain for segment B Phase-I of R.Ganga, is forwarded herewith for information/ necessary action.

This issues with the concurrence of Chairman, Monitoring Committee.



(D. P. Mathuria) 13.5.2019

Executive Director (Technical) NMCG/
Member Secretary, Supervisory Committee
uyrb-mowr@nic.in

To:

1. Chairman, Central Ground Water Board, Bhujal Bhawan, NH-IV, Faridabad, 121001
2. Member Secretary, Central Ground Water Authority, 18/11, Jamnagar House, Mansingh Road, New Delhi - 110011
3. Chairman, Central Water Commission, Sewa Bhawan (S), R.K. Puram, New Delhi-110066
4. Chairman, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi-110032
5. Member Secretary, Uttarakhand Environment Protection and Pollution Control Board, 29/20, Nemi Road, Dalanwala, Dehradun, Uttarakhand - 248001
6. Member Secretary, Uttar Pradesh Pollution Control Board, Building No. TC - 12V, Vibhuti Khand, Gomti Nagar, Lucknow - 226 010
7. Project Director, State Mission for Clean Ganga-UP (SPMG-UP), Plot N0-18, Sector-7, Gomti Nagar Extension, Lucknow, - 226010
8. Project Director, SPMG Group, 117 Indira Nagar Dehradun 248001, Uttarakhand

9. Chief Engineer, Irrigation Water Resources, Government of Uttar Pradesh, Cantt Road, Udaiganj, Lucknow, Uttar Pradesh – 226001

10. Chief Engineer (Ganga), Irrigation Water Resources, Government of Uttar Pradesh

Copy for kind information:

1. PS to Director General, NMCG
2. PS to Chairperson, Monitoring Committee (Ganga)
3. Member, Monitoring Committee (Ganga)
4. PS to ED (Project), NMCG
5. Director (T-III), NMCG
6. Consultant Industrial Pollution, NMCG
7. Shri Dheeraj Singhal Assistant Director, NMCG

Minutes of Meeting held on 11th April 2019 at 03:00 PM in Conference Room, NMCG

A meeting of the Monitoring Committee (Ganga) of NGT in the matter OA No. 200/2014, with the officials of CGWA, CWC, NMCG, CPCB, UPPCB, UP SMCG, Irrigation Department UP and Uttarakhand was held on 11.04.2019 in Conference Room, NMCG under the Chairmanship of Justice Arun Tandon, Chairman-Monitoring Committee. The list of participants is at Annexure-I.

In reference to the Monitoring Committee meeting held on 12.03.2019 at NMCG, Executive Director Technical NMCG provided status report with regard to maintenance of e-flow and details regarding identification and demarcation of floodplain in the segment B Phase I (Haridwar-Unnao) to the Monitoring Committee.

Following discussions were held:

A. Status of groundwater regulation in Segment B Phase I of R.Ganga

1. Regional Director CGWA informed that public notice has been issued for all new or existing industries including those falling in the Ganga basin to seek NOC for ground water withdrawal from CGWA. It was also informed that initially new industries were directed to seek NOC for ground water withdrawal from CGWA, but in compliance to the NGT order dated 15th April 2015, CGWA had issued new notifications in 2015 wherein both existing and new industries were directed to seek NOC for ground water withdrawal from CGWA.

It was informed that since April 2015, a total of 36,175 applications seeking permission for withdrawal of groundwater have been received at CGWA from 23 States/ Union Territories, of which 8425 applications are under examination, 3049 have been approved, 373 have been accepted and under-process for granting approval and 16318 have been rejected. Of the total 36175 applications, 4942 application falls under over-exploited, critical and semi-critical areas.

It was informed that grant of NOCs for fresh ground water withdrawal in over exploited and critical areas have been stopped w.e.f 19.11.2018. Further grant of NOCs has been stopped in semi critical areas also w.e.f. 1st March 2019 in this segment except for ground water use for drinking/ domestic/ green belt.

2. Member-Monitoring Committee recommended that industrial development corporation or agencies such as UPSIDC, DSIIDC, local urban bodies etc may also be

intimated about the notification issued regarding seeking permission from CGWA for extraction of groundwater along with the details of the areas falling under over-exploited, critical and semi-critical zones, so that no new industrial area/ residential townships are proposed to be developed in such zones till sustainable water availability is ensured.

3. Chairman-Monitoring Committee enquired whether groundwater extraction have been regulated in critical and over-exploited zone with respect to amount of extraction allowed, re-use of treated water by industries, installation of rain harvesting systems in the unit etc.. Chairman desired that conditions of NOC may be notified by the Authority.
4. Regional Director CGWA informed that while granting NOC, condition for installation of flow meter, mandatory condition of recharge as per the category areas, construction of piezometers for water level and water quality monitoring, recycling of wastewater by every industry is being imposed by CGWA. Proposal for payment for use of ground water based on quantum of ground water extraction was proposed in the form of Water Conservation Fee in the revised guidelines notified by CGWA. Hon'ble NGT, in its order dated 03.01.2019 has directed that these guidelines are not to be given effect to.
5. Executive Director Technical NMCG suggested that State Government should prepare and notify policy for re-use of treated water such as being carried out by Haryana and Punjab, in order to reduce the pressure on surface water. He further informed the Committee that the ground water assessment report depicts the data of the year 2013, and to have a clearer picture of the current scenario latest groundwater zoning report will be required. RD, CGWA informed that ground water resource assessment as on 2017 is in the final stages of completion.
6. Regional Director CGWA informed that as per the NGT order, an action plan for 50 years is under-preparation by CGWA along with MoEF&CC and agreed to provide a copy of the plan to Monitoring Committee. MoEF & CC has been directed to constitute an Expert Committee by including representatives from IIT Delhi, IIT Roorkee, IIM Ahmedabad, CPCB, NITI Ayog and in other concerned agency to examine the issue of appropriate policy for conservation of ground water with a robust institution mechanism for surveillance and monitoring with a view to enhance access to ground water for drinking purposes in OCS areas. The Committee has also

been directed to indicate the projection of its impact study in light of project data for the next 50 years (in phased manner with action plan for each decade). The Chairman desired that the report when submitted by the Committee, may be made available to this Monitoring Committee.

7. Member- Monitoring Committee enquired about the groundwater monitoring carried out by CGWA and the mechanism of coordination between CGWA and SPCBs. Official of UPPCB informed that industries are given Consent to Operate subjected to NOC from CGWA. Official of CGWA informed that the copy of NOC is forwarded to respective SPCBs
8. Official from UPPCB informed that number of tannery industries have applied for NOC to CGWA but they have not been issued NOC so far. CGWA informed that due to manpower constraint, there is pendency of applications. Only 10 posts have been created for CGWA so far.
9. **Monitoring Committee directed that CGWA must take appropriate action against the violators. CGWA should impose Environmental compensation of Rs. 50,000/- in each case of violation with immediate effect.**

B. Status of minimum e-flow to be maintained in stretch from Haridwar-Unnao

10. Executive Director Technical NMCG informed that a Committee was constituted for studying the minimum e-flow required in the stretch from Haridwar-Unnao, the report of the Committee was submitted in NGT. MoWR, RD&GR vide its notification dated 9th October 2018, had notified the minimum environmental flows to be maintained at locations downstream of structures or projects meant for diversion of river flows for purposes like irrigation, hydropower, domestic and industrial and other requirements. As per the notifications, the e-flow regime were to be monitored by CWC, the existing/ new projects were required to install automatic data acquisition and data transmission facilities within six months, further the existing hydel projects which are to make structural changes to meet the norms were granted a period of 3 years to ensure such facilities.

As per the reports submitted by CWC, 5 projects were not meeting the mandated e-flow requirements for most of the period (Maneri Bhali Stage 1, Maneri Bhali Stage 2, Vishnu Prayag HEP, Srinagar HEP and Pashulok Barrage).

It was also informed that the data of 4 Barrage downstream of Haridwar namely Bhimgoda Barrage, Bijnor Barrage, Narora Barrage and Kanpur Barrage, being maintained by Irrigation Department UP have been analysed and the flow data were observed to be complying and were meeting the mandated e-flow requirement.

11. Director (Hydrology) CWC informed that as per the studies carried out and the e-flow notification, during non-monsoon period (October-May) minimum flow release required to be maintained downstream of Haridwar Barrage is 36 Cumecs while downstream of Bijnore, Narora and Kanpur barrages was 24 Cumecs. It was also informed that many of projects which had earlier been designed and have valid PPA (power purchase agreements) have been raising the concern of commercial viability of existing projects due to maintenance of e-flow regime.
12. Chairman-Monitoring Committee observed that as per the NGT directions minimum 20% of the average monthly lean season flow was to be maintained and therefore minimum flows downstream of Bijnore/ Narora/ Kanpur should not be less than e-flows to be released downstream of Bhimgoda barrage, Haridwar in terms of these directions.
13. Executive Director-Technical NMCG informed that in compliance to NGT order, Irrigation Department UP is maintaining e-flows at the rate of 20% of the daily average observed flows downstream of Bhimgoda Barrage. As desired by Chairman of Monitoring Committee, Irrigation Department-UP may share the average monthly inflow and release data with the Monitoring Committee for their perusal. It was further informed that the said directions of NGT were interim directions till the e-flow in the stretch was notified by the government. Further that directions were specifically applicable for Haridwar (Bhimgoda Barrage).

Chairman, Monitoring Committee observed that as per directions of NGT contained in its order dated July 2017 and for good health of the river a minimum of 36 cumecs downstream of all barrages be maintained. Further that a report in this respect containing the views of NMCG may be submitted to the Committee.

C. Status of identification and demarcation of Floodplain in Segment B Phase I Of R.Ganga

14. Chief Engineer (P&D), CWC informed that a Special Committee was constituted for identification of floodplain for Segment B, the interim report of the Floodplain Committee was submitted by NMCG to the Tribunal along with the compliance status in July 2018. Further, Hydrological Studies Organization, CWC has examined the flood frequency analysis. Information pertaining to river cross-section at 5 km interval (or at closer interval where topography demands) upto 1 metre above HFL, details of embankment, bunds, water bodies, hydraulic structure, residential areas, agriculture fields, etc. is awaited from State Government. The report is under revision and is proposed to be discussed in the 4th meeting of the Committee scheduled on 22nd April 2019.
15. Executive Director-Technical NMCG informed that NGT had not provided any timeline for floodplain demarcation but as an interim measure had directed the State Government to observe 100 meters from the edge of the river as no development/ construction zone in Segment-B of Phase-I (Haridwar to Unnao, Kanpur).
16. Member-Monitoring Committee recommended that floodplain can be physically demarcated through plantation of trees.
17. Chairman-Monitoring Committee desired to attend the upcoming meeting of the Special (Floodplain) Committee scheduled on 22nd April 2019 in New Delhi.

D. Status with regard to joint inspection of industries carried out jointly by CPCB and UPPCB

18. Chairman-Monitoring Committee raised concern over the status provided by UPPCB and CPCB with regard to the direction related to joint inspection of all the industries generating above 100 KLD or above per day in the catchment area of R.Ganga and its tributaries. As per the status only 24 industries have been jointly inspected.
19. Scientist C-CPCB informed that in compliance to NGT judgement dated 13.07.2017, 24 industries which were not inspected earlier, were inspected during the period February- April 2018. Further, informed that total 255 industries have been identified as Grossly Polluting Industries in Segment B Phase I of R.Ganga, these units are regularly inspected for compliance and appropriate actions are taken against the defaulting units.

Monitoring Committee suggested that the updated status in this regard may be provided.

The meeting ended with thanks to the Chair.

Annexure-I

List of participants:

1. Justice Arun Tandon, Chairperson-Monitoring Committee – *in chair* -
2. Dr. Anita Roy, Member-Monitoring Committee
3. Shri. D.P.Mathuria, Executive Director-Technical, NMCG
4. Dr. Pravin Kumar, Director Technical, NMCG
5. Dr. R.M.Bhardwaj, Consultant IP, NMCG
6. Shri D.Chakraborty, Scientist D, CGWA
7. Shri V V Vardhan, Adminstrator, CGWA
8. Dr. Uma Kumar, RD, CGWA
9. Shri Ravi Shankar, CE, PD, CWC
10. Shri N.N.Rai, Director (Plg.) CWC
11. Shri. Amrender Kumar Singh, CE EMO, CWC
12. Shri A.K.Sinha, Director (Morphology) CWC
13. Shri B.B. Saikia, Director (EM) CWC
14. Shri Dheeraj Singhal, Deputy Director, NMCG
15. Shri. T.U.Khan, CEO, UPPCB
16. Shri M.K.Biswas, Scientist D, CPCB
17. Dr.S.R.Taigor, Environment Specialist, UP-SMCG
18. Shri T.C.Sharma, CE (Ganga) Irrigation Department of UP
19. Shri Amitabh Kumar, SE Irrigation Department UP