

Minutes of the 4th RRC meeting held on 13.03.2019 convened by the Chairman, RRC and Chief Secretary, Govt. of Telangana for finalization of revised Action Plan for Rejuvenation of Polluted River Stretches

The following members of the RRC and officers attended the meeting:

1. Sri Ajay Misra, I.A.S., Spl. Chief Secretary(FAC), EFS&T Dept.
2. Sri Arvind Kumar, I.A.S., Principal Secretary, MA&UD Dept.
3. Sri B.Kalyan Chakravarthy, I.A.S., Director General, EPTRI.
4. Sri P. Satyanarayana Reddy, I.A.S., Member Secretary, TSPCB.
5. Sri E.V. Narsimha Reddy, Vice Chairman & MD, TSIIC.
6. Dr. Pandith Madhunure, Director, Ground Water Dept.
7. Sri Shankar Naik, Chief Engineer, Hydrology (Irrigation)
8. Sri Satyanarayana, Executive Director, HMWS&SB.
9. Sri B. Vijay Kumar Reddy, Director, HMWS&SB.
10. Sri S. Basha, NEERI, Hyderabad.

At the outset, the Member Secretary, TSPCB informed the committee that:

- During 3rd RRC meeting held on 25.01.2019 the action plan for rejuvenation of polluted river stretches prepared by NEERI was approved by the RRC and the Chief Secretary has instructed the Principal Secretary, MA&UD to send the approved report to CPCB, New Delhi in compliance to the Hon'ble NGT orders by 31.01.2019.
- Accordingly, MA&UD has communicated the soft copy of action plan to CPCB on 29.01.2019 and TSPCB has handed over the hard copy in person on 31.01.2019.
- Subsequently, CPCB in its mail dated: 01.02.2019 has requested the SPCB to make a detailed power point presentation of the action plans (Priority-I & II polluted river stretches) on 11.02.2019 at CPCB, Delhi.
- TSPCB officials along with NEERI made a presentation on 11.02.2019 at CPCB, Delhi for Priority-I (River Musi) and Priority-II (River Manjeera and Nakkavagu) polluted river stretches before the Task Team.
- Subsequently, CPCB has displayed the minutes of the meeting held on 11.02.2019 in the CPCB website and also through letter dated: 25.02.2019 received on 11.03.2019 by TSPCB. **The task team of CPCB has recommended the action plan of Telangana State subject to following conditions:**
 - Septic management is to be included in the action plan of River Musi.

- Polluted stretches with improved water quality are to be declared as non-polluted in the revised reports.
- The task team suggested to combine action plan related to River Manjeera and Nakkavagu
- Ground Water Board and Irrigation Departments are required to rework on their plans and budget estimation.
- Revised action plans with, timelines and estimated budget are required to be made for concurrence of RRC and for initiating further action.
- CPCB requested to revise the action plans as per the observations / recommendations of task team, with the approval of RRC and submit to CPCB for further review.
- Accordingly, NEERI revised the action plans.

Subsequently, Dr.Basha, Scientist, NEERI made a presentation on the revised action plans prepared for the polluted river stretches for Priority-I and Priority-II i.e., River Musi, River Manjeera and Nakkavagu.

The committee noted that as per the recommendations of task team, CPCB, the action plan for Manjeera and Nakkavagu are merged. Hence, the priority stretches under category - I & II will be only two rivers instead of three.

The septage management plan of HMWS&SB for co-treatment along with 18 STP with additional facilities at the existing 18 STPs was noted and it was suggested to include it as an continuing activity. Further, HWMS&SB has informed that the co-treatment facility is to address the septage issues where sewerage network is not covered.

The action plan submitted by Ground Water Department (piezo wells and recharge shafts) was examined and it was suggested to include the details of the programmes and budget available under which the above works are being carried out.

The committee noted the practicalities in achieving BOD-3 mg/L in the absence of fresh water flow in the River Musi during lean period and hence the water has to be used for irrigation purposes in the downstream. The action plan of Irrigation Department for using the treated wastewater flowing in River Musi for irrigation is noted and approved.

In this regard the Irrigation Department action plan (usage of treated waste water for irrigation) was examined and it was instructed for placing the flow meters at strategic locations for assessing the flow and to take necessary measures for using the treated wastewater for irrigation. The information with regards to the proposed number of flow meters and the required budget may be worked out and to be given to NEERI by 14.03.2019 for incorporating in the report.

The committee noted that the STPs proposed for treatment of wastewater are based on the present generation of wastewater and in the revised report the calculations of growth for the next 10 years are taken into consideration for setting up of STPs. Hence, the estimates of STPs have increased.

In this regard, HMWS&SB informed that as per the Hyderabad Master Plan of Sewage Network it is proposed for a STP of capacity 230 MLD at the Ganapathiguda above the PETL for treating the wastewater generated in the Serilingampally and other nearby areas and discharge the treated water into Nakkavagu.

The Chief Secretary suggested for placing the STP at the confluence point of Nakkavagu with Manjeera so that all the water is treated at one place without duplication of treatment by placing several STPs as proposed in the present action plan. HMWS&SB informed that in the absence of a lined drain there is a possibility of ground water contamination if the total wastewater is allowed to flow for longer distances. Further, to avoid mixing of treated wastewater with untreated water Interception and Diversion channels for the treated water will be provided.

The Chief Secretary instructed to have a comprehensive planning in construction of the STPs and discharge of the treated wastewater.

The committee suggested to incorporate the proposed changes and communicate the revised report to CPCB and also to place it in the website of MA&UD and TSPCB.

The meeting concluded with vote of thanks to the Chief Secretary.


MS, TSPCB
Member-Convenor, RRC


Spl. Chief Secretary, EFS&T Dept.
Vice-chairman, RRC


Chief Secretary, Govt. of Telangana
Chairman, RRC

