

Proceedings of the 11th Meeting of River Rejuvenation Committee (RRC) held under the Chairmanship of Secretary, Department of Science, Technology & Environment, Govt. of Punjab to review the progress of Action Plans on Clean Rivers on 03.12.2020 at 10:30 AM through Video Conferencing (VC).

Agenda No. 11.1 Leave of Absence

1. The following Officers of various Departments attended the meeting:

Directorate of Environment and Climate Change	Sh. Saurabh Gupta, IFS, Director Sh. Pardeep Garg, Additional Director Sh. Gurharminder Singh, Sr. Scientific Officer Dr. Steffi Talwar, Scientist-B
Department of Rural Development & Panchayats	Sh. Manpreet Singh, IAS, Director
Department of Water Resources	Sh. Sanjiv Gupta, Chief Engineer Sh. R.L. Sandhu, Superintending Engineer
Department of Water Supply and Sanitation	Sh. K.S. Saini, Chief Engineer
Punjab Pollution Control Board	Sh. Krunesh Garg, Member Secretary Sh. Gulshan Rai, Engineer in Chief
Punjab Water Supply & Sewerage Board	Sh. Vikas Kumar, Executive Engineer Ms. Rajwant Kaur, Executive Engineer
Department of Soil & Water Conservation	Sh. Gurpreet Aulakh, Deputy Soil Conservation Officer
Municipal Corporation, Ludhiana	Sh. Ravinder Garg, Superintending Engineer
Municipal Corporation, Jalandhar	Sh. Satinder Kumar, Superintending Engineer
Department of Local Government	Sh. Gurpreet Walia, Superintending Engineer
Punjab Energy Development Authority	Sh. M. P. Singh, Director
Punjab State Council for Science & Technology	Sh. Pritpal Singh, Additional Director

Agenda No.11.2 Confirmation of the Proceedings of the 10th Meeting of RRC

Proceedings of the 10th Meeting of RRC held on 22.06.2020 were confirmed.

Agenda No.11.3 Review of monitoring of Water Quality of Rivers

1. Status of Sewage Generation & Treatment

Committee was appraised about the available treatment infrastructure, the existing gap between sewage generation & treatment capacity and infrastructure proposed to be set up for treatment and management of domestic sewage in the State.

2. Status of water quality of polluted river stretches

(i) The Committee noted the status of quality of rivers i.e. Sutlej, Ghaggar & Beas.

(ii) PPCB reported that matter for removing 2 polluted stretches of river Beas, which are meeting the class B water quality criteria, from the list of 4 polluted river stretches of Punjab, was taken up with PPCB. It was further informed that CPCB has already intimated that water quality of the two stretches of river Beas would be monitored for five year for considering to phase out these stretches, out of 4 polluted river stretches of Punjab.

(iii) PPCB suggested that part of the polluted river stretch of river Sutlej from Ropar H/W to STP Bhattian, Ludhiana required focused attention for improving the water quality in Budha Nallah.

3. Installation of Real Time Water Quality Monitoring Stations (RTWQMS)

(i) PPCB reported that out of 11 RTWQMS, 6 RTWQMS stations have been already installed (3 at Sutlej, 2 at Buddha Nallah, & 1 at Ghaggar), 2 would be installed within 10 days and remaining 3 by 31.01 2021.

(ii) The Committee directed PPCB to make all the RTWQMs operational by 31.03.2021.

4. Development of low-cost Sensor to monitor various parameters by IIT Ropar

(i) PSCST reported that IIT Ropar would restart functioning on the project from 15.12.2020 and the project would be completed by 31.03.2021.

- (ii) PPCB informed that the response from PSCST/IIT Ropar on the comments/observations of PPCB on the said project is still awaited. The Committee directed PSCST to provide their response to PPCB without any further delay.

5. Setting up of Integrated Dashboard for online monitoring

PPCB reported that the feasibility of incorporating the additional features in the existing dashboard has been already discussed with NIC team. Committee directed PPCB to ensure that up-gradation and commissioning of the dashboard be completed by 31.03.2021 and extension of the dashboard be provided to DECC for online Monitoring.

Agenda No.11.4 Review of monitoring of functioning of STPs in the catchment area

1. Status of STP Monitoring

The Committee noted the progress and directed the concerned Departments to take adequate measures on priority to bring down the non-compliance of STPs.

2. Reasons for non-compliance of STPs and timelines for compliance

- (i) The reason for non-compliance of each STP was reviewed by the Committee.
- (ii) PWSSB also informed that out of 6 non-compliant STPs of MBBR & SBR technology, 2 STPs are presently under stabilization and action is being taken against the contractors of 4 STPs failed due to lack of proper operation & maintenance.
- (iii) The Committee directed the concerned departments of 14 STPs which failed on account of F.Coli, to ensure proper chlorination within next two weeks and also directed PPCB to monitor the water qualities of these STPs after 15 days. PPCB was also directed to submit a report to DECC in this regard.
- (iv) PWSSB informed that the technology up-gradation of 7 non-compliant STPs based on old technologies (UASB & WSP) have been already proposed. It was further informed that matter w.r.t. extension in the timelines of these STPs from June, 2021 to June, 2022 was also reviewed during the meeting held on 19.11.2020 under the Chairpersonship of Justice Jasbir Singh, Chairman, NGT Sub Monitoring Committee.

3. Action taken by PPCB against non-compliant STPs

The Committee noted the progress and directed PPCB to complete the action against pending cases within next 2 months i.e. 31.01.2021.

4. Progress of installation of OCEMS/CCTV

- (i) The Committee noted the progress.
- (ii) PWSSB reported that the major variations in the results of newly installed OCEMS were observed and thereafter a Committee was constituted by NGT appointed Sub Monitoring Committee to ascertain the reason for such variations. It was further informed that the said Committee has already submitted its report to Chairman, PPCB for his inputs on the matter. PWSSB also reported that in the meantime, the installation of remaining OCEMS has been stopped.
- (iii) The Committee took a serious note of inordinate delay in installation of OCEMS on 8 STPs of MES. PPCB reported that 1 OCEMS has been already installed at 1 STP and are under installation on remaining 7 STPs. Committee directed PPCB to take up the matter on top priority with the Senior Officers of MES to ensure the installation and commissioning of OCEMS on remaining STPs by 31.03.2021
- (iv) DWSS reported that the tender for installation of OCEMS on remaining three STPs have been already allotted and the same would be installed by 31.01.2021.
- (v) PSIEC reported that the tender for installation of OCEMS at 3 STPs have been already invited and the work would be allotted by 31.12.2020.
- (vi) GMADA reported that OCEMS have been already installed on 4 STPs.

AgendaNo.11.5 Review of monitoring of functioning of CETPs & ETPs in the catchment area

1. Status of CETP monitoring

- (i) The Committee noted with a serious concern the non-compliance of newly set up 15 MLD CETPs at Ludhiana.

(ii) The Committee directed PPCB to pursue the matter with SPV to make it compliant by 31.12.2020.

2. Status of ETP Monitoring

The Committee noted the progress.

3. Action taken by PPCB against non-compliant ETPs

(i) PPCB informed that notices have been issued and personal hearing given to all the 53 pending non-compliant ETPs.

(ii) The Committee directed PPCB to complete the action against pending cases within next 2 months i.e. 31.01.2021.

4. Progress of installation of OCEMs in existing ETPs having discharge of >50KLD

(i) Committee noted the progress.

(ii) PPCB informed that all the installed OCEMS would be connected to CPCB & PPCB server by 31.03.2021.

Agenda No. 11.6 Setting up of New/ Up-gradation/ Rehabilitation of STPs

1. Current status of progress

(i) Committee noted the progress.

(ii) PWSSB proposed that the prescribed discharged standards of BOD for 80 new STPs of (188 MLD) being set up in the State, having the individual capacity upto 5 MLD, may be kept at 30 mg/l keeping in view the high capital as well as maintenance cost associated with advanced technologies like SBR for achieving discharge standard of 10 mg/l of BOD as directed by NGT/PPCB for new STPs. It was further informed that a proposal in this regard has been already sent to PPCB and NGT appointed Committee by PWSSB.

(iii) The Committee directed all the concerned Departments i.e. DLG, GMADA, PSIEC to provide the firm timelines to ensure 100% treatment of Sewage through in-Situ bioremediation of drains & setting up of STPs with proper justification to DECC by 31.12.2020.

2. Submission of Performance bank Guarantee of Rs. 5.00 Crores to CPCB in compliance of NGT order 673/2018
 - (i) The matter was deliberated in detail.
 - (ii) The Committee directed that a proposal on separate file be put up by DECC for consideration of Chief Secretary to decide the respective share of concerned Departments as well as to authorize the Department/ Agency on behalf of State Government for submission of Performance Bank Guarantee of Rs. 5.00 Crore to CPCB.

Agenda No. 11.7 Review of Progress for Setting up of New CETPs

1. **40 MLD CETP for Dyeing Cluster of Focal Point, Ludhiana**

PPCB reported that the CETP would be installed by the due date 31.12.2020.
2. **50 MLD CETP for the Dyeing Cluster of Tajpur Road & Rahon Road, Ludhiana**
 - (i) The committee noted the slow progress for setting up of CETP against the revised timeline of 31.12.2020.
 - (ii) PPCB informed that 97 units are yet to be connected with CETP. Committee directed PPCB to expedite the progress for setting up of CETP to ensure its completion by 31.03.2021 positively.
3. **0.15 MLD CETP at Focal Point, Jalandhar**
 - (i) PPCB reported that application for vacating the stay has been already filed in the Punjab & Haryana High Court.
 - (ii) Committee directed PPCB to regularly apprise the DECC with the proceedings of the High Court and submit the revised timeline as well as milestones for setting up of CETP.
4. **Upgradation of existing 5 MLD of CETP for Leather Complex, Jalandhar**

Committee noted the progress and directed PPCB to submit the revised timelines.

Agenda No. 11.8 Progress of setting up of ETPs/ Biogas Plants for Dairy Waste

1. Setting up of Bio CNG Plant at Tajpur Dairy Complex

- (i) Matter was deliberated in detail. PEDDA informed that the process for setting up plant has been stopped in view of decision taken by High Power Task Force on Rejuvenation of Buddha Nallah during its meeting held under the Chairmanship of Satguru Uday Singh Ji and Chief Principal Secretary to Hon'ble Chief Minister on 04.07.20 and 01.08.20 for shifting of dairies outside the MC Limits.
- (ii) PEDDA further requested that the matter regarding the shifting of dairies be taken by the State Government at the earliest to enable them to go ahead with the setting up of bio CNG Plant at Tajpur Dairy Complex which involves substantial capital investment and assured supply of cow dung by dairies to the Plant for next 20 years as per terms and conditions of the Tri-Party Agreement.
- (iii) MC Ludhiana informed Department of Local Government had constituted Site Selection Committee for identifying multiple viable locations for shifting of dairies and report of committee is still awaited
- (iv) Committee directed DECC to put up a detailed note on the matter for consideration of Chief Principal Secretary to Chief Minister (CPSCM).

2. Setting up of ETPs at Tajpur Road & Haibowal Dairy Complex, Ludhiana

PWSBB reported that work for Comprehensive Action Plan for Buddha Nallah would be awarded in next week i.e. upto 15.12.2020.

3. Setting up Biogas Plant and ETP for Jamsher Dairy Complex, Jalandhar

MC Jalandhar reported that DPR for setting up of 2.25 MLD ETP instead of 5 MLD, has been approved by State Level Technical Committee. It was further informed that tendering process has been initiated and work would be awarded by 30.06.21.

Agenda No.11.9 Review of progress of Action Plan for Rejuvenation of Ponds

- 1. DRDP highlighted the financial implication to the tune of Rs. 4500 Crore involved in rejuvenation of rural Ponds. It was informed that around 5000-7000 ponds are being desilted annually by the Department to improve the recharging

capacity of ponds. DRDP also reported that work of remaining 94 ponds of Phase I in catchment areas of rivers could not be taken up due non availability of funds.

2. Committee asked DRDP to submit the revised timelines for the rejuvenation of 1290 ponds proposed to be carried by 31.03.21 as per the Action Plan prepared in compliance of NGT Orders dated 10.05.19 and 25.02.2020 in O.A. No. 325/2015.
3. DLG informed that out of 88 urban ponds to be rejuvenated during the current FY, work has been completed 2 ponds & likely to be completed in remaining ponds by 31.03.21.
4. As proposed, Director, DRDP consented to designate their Department as Nodal Agency for Restoration of Water Bodies in the State of Punjab in compliance of NGT Order dated 18.11.2020 in O.A. 325/2015. Committee directed DLG to carry out the rejuvenation of 249 urban ponds in consultation with DRDP.

Agenda No.11.10 Revision of Action Plan for Reuse of Treated Wastewater of STPs

1. The Committee noted the progress.
5. The Committee directed all the concerned Departments to make the yearly Action Plan with timelines & milestones to enable effective review & monitoring of progress of various components of Action Plan for Reuse of Treated Wastewater of STPs.

Agenda No.11.11 Release of 200 cusec water into Buddha Nallah

The Committee noted the progress.

Agenda No.11.12 Review of compliance of NGT Order dated 28.10.2020 in O.A No. 138/2016 w.r.t pollution of River Ghaggar

1. The Department/Agency level Action Taken Reports as on 30.10.20 in compliance of NGT Order dated 28.10.20, was reviewed by the Committee.
2. All the departments were directed to submit updated monthly ATR to DECC to apprise the Chief Secretary on the matter.

The meeting ended with vote of thanks to the Chair.