

Proceedings of the 8th Meeting of NGT Monitoring Committee under the Chairmanship of Justice Jasbir Singh, Former Judge, Punjab & Haryana High Court, held on 23.12.2019 at 11.00 AM to review the progress on implementation of Action Plans for Clean Rivers

Agenda No. 8.1 Leave of Absence

1. The following Members of the Committee attended the Meeting:

Members of the Committee	Sh. Subodh Agrawal
	Dr. Babu Ram
	Sant Balbir Singh Seechewal
	Sh. Prema Lal

2. Sh. A. Sudhakar and Sh. J.C Babu of NGT Monitoring Committee and Sh. Satish Chandra, IAS, ACS, Department of Home Affairs & Justice, Special Invitee and Sh. Sanjay Kumar, IAS, ACS, Department of Sports & Youth Affairs, special Invitee could not attend the meeting because of their pre-occupations.

3. The following Officers from various Departments attended the meeting:

Department of Science, Technology & Environment	Sh. Rakesh Kumar Verma, IAS, Principal Secretary Sh. Charandeep Singh, PCS, Deputy Secretary Sh. Pardeep Garg, Joint Director Sh. Gurharminder Singh, SSO Sh. Gagandeep Singh, T.O. Sh. Parveen Kumar, T.O.
Department of Local Govt. Punjab	Sh. A. Venu Prasad, IAS, Principal Secretary Sh. Mukul Soni C.E.
PWSSB	Sh. K.P. Goyal, EIC/TA, Sh. Vikas Dhawan, XEN
MC, Ludhiana	Sh. Sanyam Aggarwal, IAS, Addl. Commissioner Sh. Ravinder Garg. S.E.
MC, Jalandhar	Sh. Satinder Kumar, SE (O&M)
PPCB	Sh. S. S. Marwaha, Chairman Sh. Krunesh Garg, Member Secretary Sh. Gulshan Rai, CEE Sh. Sukhvinder Singh, DCFA
Department of Water Resources	Sh. Sanjiv Gupta, CE Sh. Harjot Singh Walia, XEN Sh. Kuljinder Singh, SDO Sh. Raghav Garg, SDO

	Sh. Nishant Garg, SDO
Department of Water Supply & Sanitation	Sh. N. K. Sharma, SDE
Department of Rural Dev.& Panchayats	Sh. Parkash Singh, CE Sh. Devinder Kumar, SE
Department of Industries & Commerce	Sh. S.K Sharma, PSIEC
Department of Soil & Water Conservation	Sh. G.S. Dhillon, Map Officer
Department of Housing & Urban Development	Sh. Sunil Kansal, CE Sh. Pankaj Mehmi, DE
Military Engineering Services	Sh. Arbind Kumar, GE (East) Jalandhar Sh. Ajit A Gadre, AE (HM) Sh. M M Naval, AE (HM)
Department of Information & Public Relation	Sh. Arvinder Singh, Sr. Photographer, CMO
Punjab Energy Development Authority	Sh. Sukhwant Singh, Manager
Punjab State Council for Science & Technology	Dr. Jatinder Kaur Arora, ED, PSCST Sh. Ranjit Singh, P.E Sh. Maganbir Singh, P.E. Sh. Mandeep Walia, APE
Indian Institute of Technology, Ropar	Sh. Narinder Singh, Associate Professor Sh. Suman Kumar, Asstt. Professor

Opening Remarks

4. At the outset, the Chairman discussed the NGT Orders dated 06.12.19 in O.A No. 916/2018 in the matter of Sobha Singh vs State of Punjab and O.A 673/2018 in the matter "More river stretches are now critically polluted: CPCB". All the concerned departments were directed to adhere to timelines provided by NGT for 100% treatment of sewage by 31.03.20 and completing all steps of action plans including setting up of STPs by 31.03.21, failing which concerned agencies would be liable to pay the compensation of Rs. 5 Lakhs per for STP for default in commencement of

setting up of STP by 31.03.20 and Rs. 10.0 Lacs per month per STP for default in setting up & Commissioning of STPs by 31.03.21.

5. The need for maintaining E-Flow in rivers, IEC activities and possibility of setting up of biodiversity parks as provided in the NGT orders was also discussed. The following decisions taken in this regard:
 - (i). Department of Water Resources to provide data on E-Flow in river Beas, Satluj and Ghagger to Deptt. of Environment for inclusion in the respective Action Plans and also take up the matter with the concerned quarters to ensure maintenance of minimum E-Flow in rivers.
 - (ii). MC-Ludhiana, MC- Jalandhar and MC- Amritsar to explore possibility of setting up of Biodiversity parks at appropriate locations in collaboration with Department of Forests.
 - (iii). Organization of awareness programme jointly by DECC, PPCB, MC-Ludhiana and DRDP at Ludhiana on 7th February, 2020 with the involvement of local leaders, sarpanches, universities and industries to create awareness about the ill effects of pollution on human health.
 - (iv). All the urban local bodies shall make an attempt to restrict drinking water to the residents equal to the standards fixed by Government of India as per manual of CPHEEO. Further attempt to be made to persuade residents to get it metered water supply so that persons using higher quantity of water may be charged higher rate.
6. It was also decided to hold the next meeting of the Committee on 14th February, 2020.

Agenda No. 8.2 Confirmation of the proceedings of the 7th Meeting of Committee

Proceedings of the 7th meeting of Monitoring Committee held on 30.10.19 were confirmed.

Agenda No. 8.3 Action taken on recommendations of NGT Monitoring Committee field visits

The status of Action Taken Reports by various departments on the recommendations of the Committee during various field visits was discussed. All the departments were directed to take diligent steps expeditiously to complete pending action and submit the status report latest by 15.01.20.

Agenda No. 8.4 Review of monitoring of Water Quality of Rivers

1. Status of water quality of polluted stretches

The Committee noted the progress w.r.t services of IIT Ropar being availed to develop a model to analyze the water quality data of entire stretch in a holistic manner over a period time. Committee directed PPCB to analyze the water quality of Rajashtan Feeder Canal at Harike and start monitoring of quality of water in Budha Nallah.

2. Installation of Real Time Water Quality Monitoring Stations

PPCB reported that order of installation of 11 RTWQMS has been placed and delivery would be received within 45 days. The structures for installation of RTWQMS would be constructed within 2 months. The Committee noted the progress and directed PCCB to ensure installation of RTWQMS at the earliest.

3. Development of Low Cost Sensors to monitor various parameters by IIT Ropar

The Committee noted the progress.

4. Setting up of Integrated Dashboard for Online Monitoring

The Committee noted the progress.

5. Development of MIS for EPMS

The Committee noted the progress.

Agenda No. 8.5 Review of monitoring of functioning of STPs in the catchment area

1. Status of monitoring of STPs

The Committee observed that the non-compliance of STPs has reduced from 46 % in April, 19 to 21% (17 Nos), due to effective monitoring and improvement in the operating practices of STPs.

2. Reasons for non compliance of STPs

The agency wise non compliance of STPs reviewed as under:

- (a) PWSSB informed that de-silting of STPs based on WSP technology has been completed to achieve the discharge standard of 30 mg/l BOD and action is also being taken to ensure proper chlorination of STP at Jagraon. The Committee directed PWSSB to prepare maintenance schedule of each STP to ensure timely action.
- (b) MCL informed that remedial actions for non compliant STPs of Jamalpur, Bhattian-I and Balloke-I have been proposed in Comprehensive Plan for abatement of Pollution in Ludhiana . The Committee desired that till the time the comprehensive proposal is

being finalized, there is need to take action to rehabilitate and improve the conditions of existing STPs to stop flow untreated sewage into Budha Nallah. MCL was directed to provide the firm timelines for the implementation of comprehensive Action Plan. It was also decided that MCL would float the tender of construction of Bye Pass for cleaning of FPU of Bhattian -I STP by next week and work for the same be started by 01.02.20. The committee also directed MCL to float the tender for replacement of degritting unit in 1st week of January, 2020 and award the work by 15.02.20.

- (c) DWSS informed that funds for carrying out the major repair of 4 STPs including 2 non-complaint STPs have been tied up under AMRUT and tenders for same have been already floated. The repair work would be completed by 31.05.20
- (d) MES informed Compressor repair/replacement of both the STPs of Jalandhar would be carried out by 30.06.20
- (e) PWSSB informed that Rs. 1 crore for cleaning and replacement of parts of STP Kapruthala has been received from DLG. The tender for same already allotted and work would be completed by 31.03.20.
- (f) DLG informed that cleaning/repair of STP Sham Chuarasi would be carried out by PWSSB by 30.04.20 with the funding from MC.
- (g) PSIEC informed that matter of untreated industrial effluents at STP Derabassi would be sorted out by 15.01.20
- (h) DLG was directed to create a mechanism at Govt. Level to make provision for availability of requisite funds to MC/ULBs out of GST/VAT share for operations & maintenance of STPs. Keeping in view lack of technical expertise of ULBs w.r.t efficient functioning of STPs, DLG was also directed to take up matter for transfer of O & M their STPs to PWSSB.

3. Action taken by PPCB against non-compliant STPs

The Committee noted the progress and asked PPCB to empower the Regional Officers to monitor the STPs including taking action in case of non-compliance and levy of EC as per formula approved by NGT. This will reduce pendency and lead to prompt action thereby improving the regulatory oversight. Clear guidelines may be prescribed for Regional Officers and the senior officers shall monitor the working of Regional Officers.

4. Action taken by Agencies against the Operator/ Contractors of non compliant STPs

The Committee noted the progress and directed all the agencies to ensure that concerned Contractors shall be penalized for lack of performance in case of failure to treat the waste water as per the contract.

5. Progress of Installation of OCEMS/ CCTV

The Committee noted the progress. PWSSB informed that OCEMS would be installed on all 48 STPs by 30.04.20. DWSS, PSIEC & GMADA reported that OCEMS would be installed on their STPs by 31.03.20, 15.02.20 and 31.03.20, respectively. All the other agencies were also directed to ensure the installation of OCEMS/ CCTV at the earliest and any non-compliance will be subject to penalties.

Agenda No. 8.6 Review of monitoring of functioning of CETPs in the catchment area

1. Status of monitoring of CETPs

The Committee noted the progress and expressed concern regarding continued failure of CETP for leather complex.

2. Action taken by PPCB against non-compliant CETP

The Committee noted the progress. PPCB was directed to monitor the CETP Leather Complex closely and take necessary action including levy of EC as per NGT directions. PPCB was also asked to recover the environment compensation already imposed on CETP Leather Complex.

3. Study of Electroplating Industrial effluent and CETP for Electroplating

Sh. Narinder Singh, Associate Professor and Sh. Suman Kumar, Asstt. Professor, IIT- Ropar made a detailed presentation on Development of Management Plan for generation of effluents from electroplating units, its transportation and treatment at CETP, Ludhiana covering various aspects.

Keeping in view the operations of most of units in Batch Mode, it was suggested that appropriate sample size including of sludge characterization be ensured to plug all the loopholes for efficient functioning of CETP. The Committee advised IIT Ropar to complete the work expeditiously in consultation with all the Stakeholders.

Agenda No. 8.7 Review of Monitoring of functioning of ETPs installed by Industries

1. Status of monitoring of ETPs

The Committee noted the progress.

2. Action taken by PPCB against non compliant ETPs



The Committee noted the progress and asked PPCB to empower the Regional Officers to monitor the ETPs including taking action in case of non-compliance and levy of EC as per formula approved by NGT. This will reduce pendency and lead to prompt action thereby improving the regulatory oversight. Clear guidelines may be prescribed for Regional Officers and the senior officers shall monitor the working of Regional Officers.

3. **Installation of OCEMS in existing ETPs having discharge of > 50 KLD**

The Committee noted the progress and directed PPCB to take diligent steps to expedite installation of OCEMS in remaining 41 units and recover the EC imposed already.

Agenda No. 8.8 Setting up of New/ Up-gradation/ Rehabilitation of STPs

1. The Committee noted the progress.
2. Department of Local Government was directed to mobilize funds for the STPs, where funds are yet to be tied up and expedite setting of STPs, for which funding has already been tied up to ensure compliance of NGT order dated 06.12.19 in O.A 673/2018 as recorded in Item No. 8.1.

Agenda No. 8.9 Review of Progress for Setting up of New CETPs

1. The Committee was apprised about the long history of these CETPs being set up at Ludhiana. These CETPs with a total capacity of 105 MLD are crucial to streamline the treatment of industrial effluents and will also lead to better accountability.
2. The Committee noted the delays in the submission of utilization certificates and lack of issuance of suitable directions to the industry as per agenda.
3. The Committee noted the slow progress for setting up of CETPs and asked PPCB to play a very proactive role and take diligent steps for earliest completion of CETPs.

Agenda No. 8.10 Progress of setting up of ETPs/ Biogas Plants for Dairy Waste

1. The committee noted the progress.
2. PEDDA informed that Tri-Party agreement for setup Bio CNG Plant at Tajpur Dairy Complex has been signed and land lease agreement with GLADA would be signed within 10 days.
3. Committee directed PPCB to issue notices to Dairies to stop disposal of dairy waste into Budha Nallah within 15 days and seal the non compliant dairies within one month.

Agenda No. 8.11

Review of progress for setting up of treatment facilities in villages

1. The committee noted the progress.
2. DRDP reported that out of 167 Phase I villages, discharge of 86 villages is reaching the rivers and work in these villages would be completed on priority by 31.03.20.
3. Committee directed DRDP to take up the matter with FD to release of pending grants at earliest to complete activity of Action Plans.

Agenda No. 8.12

Reuse of Treated Wastewater of STPs

1. The committee noted the progress.
2. Committee directed DSWC to take up the matter with FD to release of funds sanctioned by NABARD at earliest for utilization of treated wastewater of 25 STPs.

The meeting ended with vote of thanks to the Chair.

