Subject: Minutes of the Meeting held on July 30, 2015 in West Bengal Pollution Control Board (WBPCB) with pulp & paper mills regarding validation and implementation of individual Action Plans – regd.

A meeting was held on 30/07/2015 in Kolkata regarding validation & implementation of individual Action Plans by pulp & paper mills of West Bengal. The meeting was chaired by Shri S.K. Adhikari, Chief Engineer, WBPCB and attended by officials from CPCB, WBPCB and representatives from pulp & paper mills in West Bengal.

During the meeting following observations/ decisions were made:

1. There are 30 pulp & paper mills (Annexure-I) located in West Bengal. However, WBPCB has issued directions to the paper mills for the Charter implementation in compliance of CPCB directions dated February 24, 2015. Out of 30 mills, only 26 mills have submitted their individual action plans. WBPCB to provide the list of closed mills to CPCB by August 15, 2015.

2. Individual action plans submitted by the mills were reviewed by the expert committee constituted by WBPCB and it was observed that these action plans require revision. A presentation was made on the model/ sample action plan to the representatives of the mills during the meeting.

3. All the mills which have submitted their action plans will re-submit their revised action plans to WBPCB by August 17, 2015. WBPCB shall also direct the mills which have not yet submitted their action plans to forward their action plans to WBPCB by August 31, 2015, failing which necessary action will be initiated by WBPCB.

4. The expert committee constituted by CPCB has evolved an indicative Milestone chart for timely implementation of the Bare Minimum Technology/ Activities prescribed under the Charter. The Milestone chart shall be applicable to all the participating mills. The validated action plan of each individual mill shall comprise of their individual action plan and Milestone chart. Monitoring of implementation of action plans shall be commenced w.e.f. September 1, 2015 i.e. after expiry of time line of submission of action plan.

5. Each pulp & paper mills shall implement their validated action plans, comprising of individual action plan & Milestone chart, as per the time schedule prescribed in the directions/ Charter/ Milestone chart.

6. Each mill shall forward their monthly progress report comprising of implementation status of bare minimum technology, water consumption, effluent generation & ETP performance, etc. vis-à-vis Milestone chart to WBPCB and CPCB through hard copy & e-mail w.e.f. September 1, 2015. Mills shall forward their progress reports of previous month to CPCB, WBPCB & selected third party by 5th day of every month through e-mail & hard copy. Mills which have been reported to achieve ZLD, shall also submit their monthly water consumption/ performance report to third party, WBPCB & CPCB.
It was clearly spelt by CPCB officials during meeting that the ZLD units must ensure that the entire treated effluent after meeting the prescribed standards is re-circulated to the process in closed loop.

7. The industries attending the meeting were requested to identify a third party to carry out quarterly verifications & data collection as per the charter. Any identified institution/ association, namely CPPRI, Department of Paper Technology, IIT-Roorkee, reputed institutions such as NEERI, Paper mills associations such as Indian Agro & Recycled Paper Mills Association (IARPMA)/ Indian Paper Manufacturers Association (IPMA), etc. may act as the third party. The pulp & paper mills operating in West Bengal will identify and join any institute(s)/ association(s) as their third party by August 15, 2015, which will help in proper monitoring, data collection, collation & compilation.

8. The identified third party shall carry out verification of inventory comprising of process technology, ETP system, water consumption & effluent generation, etc. reported by mills in their individual action plans and submit their verification reports by November 10, 2015 along with first quarterly verification report to CPCB & WBPCB.

9. WBPCB/ the identified third party shall carry out quarterly verification of progress made by mills for Charter implementation in terms of process technology upgradation, adoption of best practices, ETP system augmentation & upgradation, water consumption & effluent generation, etc. as per their validated action plans and submit their quarterly verification reports to CPCB & WBPCB. The verification report of the first quarter, August-October, 2015, to be submitted by November 10, 2015. Mills which have been reported to achieve ZLD, shall also submit their quarterly verification report through the identified third party to WBPCB & CPCB.

10. The identified third party shall ensure proper data collection, collation, compilation and prepare comprehensive reports on the Charter implementation and its achievements from time to time and submit the same to WBPCB & CPCB for public dissemination.

11. Three mills, namely M/s ITC Ltd, (Tribeni Tissues Division), Hooghly, M/s Emami Paper Mills Ltd., Kolkata, and M/s Ballavpur Paper Manufacturing Ltd., Burdwan have installed their on-line effluent monitoring systems. These mills shall carry out verification of calibration of online effluent monitoring system and submit their calibration verification reports to WBPCB & CPCB by August 31, 2015. Protocol of calibration is available CPCB website. Linkage of online monitoring system to WBPCB & CPCB servers to be provided by August 31, 2015.

12. Remaining mills have to install on-line effluent monitoring systems at the earliest. These mills are needed to carry out verification of calibration of online effluent monitoring system; submit their calibration verification reports to WBPCB & CPCB by September 30, 2015 and provide linkage of online monitoring system to WBPCB & CPCB servers by September 30, 2015.
13. Mills shall ensure timely completion of action points namely (a) installation of sealed flow meter /running hours meter on bore wells and inlet pipe line of different process sections i.e. pulp mill, paper machine, boiler etc., (b) colour coding of pipe lines carrying recycled process water and fresh process water, (c) maintenance of log book to record daily water withdrawal from bore well and unit wise water consumption after installation of meter, (d) setting up of laboratories, (e) recruitment of trained lab & ETP staff, (f) creation of Environmental Management Cell and organising its weekly meetings and record of minutes, etc. The identified third party shall submit the verification report of completion of these identified action points by **November 10, 2015** along with first quarterly verification report to WBPCB & CPCB.

14. WBPCB shall carry out regular and surprise inspections of pulp & paper mills to verify their progress and compliance status.

The meeting ended with vote of thanks to all the members of the committee and the participants.

Sd/-
(S. K. Adhikari)
Chief Engineer, WBPCB