

**Minutes of 4th Meeting of River Rejuvenation Committee (RRC) held on 16/02/2019  
at 3<sup>rd</sup> Floor, Kalpataru Point, Maharashtra Pollution Control Board, Sion, Mumbai –  
400 022.**

The Hon'ble NGT Principal Bench has issued an order on 20<sup>th</sup> September, 2018 In order to comply 4<sup>th</sup> Meeting of River Rejuvenation Committee (RRC) was convened on 16/02/2019 as per the Maharashtra Government G.R. issued by the Environment Dept, GoM vide No. NGT 2018/PC-2/TC-3 dtd.13/12/2018.

The Following officials were present for the meeting:

- 1) Shri. E. Ravendiran, Member Secretary, Maharashtra Pollution Control Board
- 2) Shri. S. K. Nikam, Director, Environment Dept, GoM, Mumbai
- 3) Shri Sadashiv Survese, Joint Director, Dept of Industries, GoM, Mumbai
- 4) Ms. Manisha Kamble, Deputy Engineer, Directorate of Municipal Administration Representative
- 5) Shri. S.L. Rakshe, Environmental Engineer, MIDC HQ, Mumbai

The following issues were discussed and decided:

Point	Discussion	Outcome	Timeline/Remarks
1	The Maharashtra State has river which are not perennial in nature the majority of the rivers are seasonal	Some of the rivers are flowing in the monsoon rest of the year it doesn't have any water in the river bed. It has resulted into no dilution available in the river.	It is verified from river to river.
2	Discussion on time lines submitted by Local bodies for completion of STPs.	Letters issued to Urban Development Department with copy to Director Municipal Administration for similar line of action.	The timelines of provision of STPs reviewed
3	The time line for bringing river polluted stretches to the bathing standards within 6 months from the date of order of Hon'ble NGT in the matter application no. 673/2018 dated 20/09/2018.	The said issue has been discussed. It has been observed that the river polluted stretches are due to discharge of sewage generated from the urban local bodies. After verification of timelines communicated by Local Bodies for completion of STPs require 2- 3 years more time.	a) It is not possible to bring water quality of all polluted stretches to the bathing standards within 6 months as per communication from Local Bodies. b. Though the Board has already issued Directions to comply with these Directions of Hon'ble NGT to

			concerned Local Bodies. c. In addition to Directions MPCB has decided to give Technical & Financial assistance for installation of STPs in smaller towns.
4	Communicate clarification regarding end use of water from the polluted river stretches after achieving the standards in comparison to present use.	The discussion held on this issue is that the end use of water from rivers in Maharashtra for Irrigation, domestic purpose and Industries.	The rivers in Maharashtra are not perennial. These are dependent on water released from the dams during non-monsoons.
5	Investment details for the STPs in smaller towns contributing pollution to river.	MPCB has decided to issue Directions to such towns/villages which do not have technical and financial capability. MPCB will assist them technically & financially.	Such projects related to waste management in smaller towns will be completed within next 3 years.
6	The Municipal Councils and Corporations has not yet confirmed time line for completion of sewerage system in the city. In such cases, actions to be decided.	The revised timeline for completion of sewerage system will be obtained.	The Board has already communicated to Secretary, Urban Development Dept for providing adequate funds to Local Bodies responsible for pollution of the rivers in a time bound manner to comply with the Hon'ble NGT Directions.
7	While comparing data of the year 2016 and 2017 CPCB has come up with the 53 polluted stretches in the Maharashtra.	MPCB has checked the current data of 2018 from January to December 2018 and found that 1) Priority I stretches has come down from number 9 to 4 2) Priority II stretches has come down from number 6 to 4	The list is attached at <b>Annexure I.</b>

		<p>3) Priority III stretches has come down from number 14 to 08</p> <p>4) Priority IV stretches has gone up from number 10 to 15</p> <p>5) Priority V stretches has gone up from number 14 to 19</p> <p>Three stretches have found less polluted i.e. BOD is less than or equal to 3 mg/l</p>	
8	Preparation of the action plans of polluted river stretches	1. The Maharashtra Pollution Control Board (MPCB) has already submitted draft action plans for all 53 polluted river stretches to CPCB and now re communicated Action Plans of all 53 polluted river stretches.	31 <sup>st</sup> January 2019 In continuation to meeting with CPCB dtd 12.02.2019 the Action Plans of all 53 stretches are communicated.
9	Status of STPs	The above action plans includes status of the existing STPs of the towns at the bank of river with proposed plan of STPs for the said towns. There is no provision for STPs to be provided by villages.	The present status and proposed plan of STPs will be verified on case to case basis. MPCB has decided to issue Directions to such towns/villages which do not have technical and financial capability. MPCB will assist them technically & financially to comply in next 3 years.
10	Action taken by MPCB for pollution caused by discharge of sewage into rivers	a. The MPCB has already introduced and is implementing by directing to the urban local bodies to reserve 25% of their budgetary funds to be used only for sewage and solid waste management. Accordingly Maharashtra State has 27 municipal Corporations generating 87% of the total sewage of the state are made mandatory to reserve such funds. All these	Board is reviewing timely utilization of Funds through Regional Officers. It will be re verified by the Committee.

		<p>27 corporations have confirmed funds reservation from year 2015 onward. Details enclosed in the <b>Annexure-II</b></p> <p>b. All Construction Projects are issued Consent stipulating BOD Discharge limit as 10mg/Lit and it is made mandatory to recycle minimum 60% of the generated sewage and such Projects are not allowed to discharge treated effluent in the river.</p> <p>c. The Consented standards to the STPs are stipulated as per the Revised Standards of MoEF&amp;CC.</p> <p>d. Board has issued Directions to 16 Municipal Corporations and 29 Municipal Councils &amp; Cantonments located at bank of river for complying the Order of Hon. NGT Principal Bench dtd. 20.09.2018. For submission of Time-Bound Action Plan for minimization of Pollution of Rivers in a time bound manner.</p> <p>e. 09 directions issued to the Municipal Corporations for providing adequate treatment facility for sewage.</p>	
11	Action taken by MPCB for pollution caused by discharge of industrial effluents into rivers	<p>MPCB has already decided the action plan for minimization of the pollution from industries:</p> <p>a. The industries are not allowed to discharge treated/untreated effluent into the river since year 2000. Only 3 industries are allowed to discharge treated effluent to the river after achieving the stream standards.</p> <p>b. The Randomized Risk Based inspection &amp; sampling</p>	MPCB has taken initiatives.

is being carried out by MPC Board on the basis of following objectives.

i. Randomized generation of computerized list of industries for inspection based on predetermined objectives and criteria. As far as Environmental sampling is concerned, the existing protocol will be followed.

ii. To prioritize serious pollution related matters under the mandatory inspection list.

iii. Complaint based and emergency list of inspection under specific circumstances will be determined centrally after examination of data and evidences.

c. The Maharashtra Pollution Control Board has already made mandatory to the industries from 17 categories to provide online real time continuous monitoring system.

d. The Maharashtra Pollution Control Board is granting Consent to Establish stipulating pre- condition, to provide adequate Effluent Treatment Plant. While granting consent to operate, it is duly verified the adequacy of Effluent Treatment Plant provided and based on the inspections, the Consent to Operate is issued. Regular renewal is also granted after verification of functional Effluent Treatment Plant and its adequacy of operation & maintenance.

e. To ensure the transparency & strong monitoring mechanism, the MPC Board is

		<p>carrying out randomized risk based inspection &amp; sampling. The inspection is coupled with sampling and wherever non-compliances are observed, various penal actions are initiated including closure directions. Wherever accidental discharges are observed, the immediate actions are initiated.</p> <p>f. The non-compliances are treated transparently as defined in the Enforcement Policy framed by the Maharashtra Pollution Control Board vide Notification dtd.29/02/2016 to integrate various aspects including inspections, monitoring standards, compliances, directions, remedial measures, filing of complaints before the various Courts of Law, as per the provisions of various Environmental Laws based on culpability, environmental damages, severity of pollution, repeated violations etc.</p>	
12	Monitoring of action plan	<p>It is decided that RRC will monitor the implementation of action plans for time to time. It is also decided that MPCB will review the status of proposed STPs with concerned local body authorities after every three months.</p>	RRC will review the action plans and progress from time to time to comply with Hon'ble NGT Directions.
13	Website inviting public participation from educational institutions, religious institutions and commercial establishments	A separate icon is provided on the MPCB website provided for Public Participation and all the action plans & other details regarding polluted river stretches are displayed on the website.	<a href="http://www.mpcb.gov.in/river_streches/River_streches.php">http://www.mpcb.gov.in/river_streches/River_streches.php</a>
14	Maintenance of environmental flow	RRC has communicated to Water Resource Dept for maintaining environmental flow in the rivers of Maharashtra adopting good	Letter issued on 16/02/2019

		irrigation practices, protection and management of flood plain zones, rainwater harvesting, groundwater charging, maintaining minimum environmental flow of river and plantation on both sides of the rivers.	
15	Awareness Programme	<p>MPCB has conducted Awareness Programmes regarding minimization of polluted river stretches jointly with Central Pollution Control Board, Delhi and SPCBs in India at Yeshwantrao Chavan Auditorium near Mantralaya on 25<sup>th</sup> April 2018. The said event was attended by 610 participants from Corporations, Councils and SPCBs from other states.</p> <p>The State Government is reviewing status of STPs of Local Bodies regularly.</p>	Awareness Programmes are organised frequently to sensitize Local Bodies and Public at large by MPCB during Ganesh festival, Holi, Diwali for eco-friendly celebrations.
16.	The information as per CPCB letter dtd. 10.01.2019.	I. Basic information about the polluted river stretches	The information included in action plan.
		II. With respect to industrial pollution control.	The major industrial statistics is provided with compliance and OCEMS details.
		III. Identification of major sources required to be controlled based on pollution load.	The information of solid waste management status is enclosed for entire Maharashtra in <b>Annexure-III</b> . Biomedical waste status enclosed in <b>Annexure-IV</b>
		IV. Detailed gap analysis for identification of requisite infrastructure for control of river pollution.	The timeline is enclosed in action plans for completion of sewage management. The gap analysis is enclosed in <b>Annexure-V</b>
		V. Monitoring mechanism for proposed action plan.	RRC will monitor the plans in a time bound manner.

		VI. Financial estimates for action plans	Financial estimates for sewage management is included in action plans.
		VII. Proposed plan for maintaining e-flow.	RRC has communicated to Water Resource Dept for maintaining environmental flow
		VIII. The action plans submitted after approval of RRC.	RRC has approved the action plans.
		IX. Action plan is prepared based on rejuvenation of River Hindon.	All action plans are prepared based on River Hindon.

  
**(E. Ravendiran, IAS)**  
 Member Secretary & Convenor of RRC