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# Madhya Pradesh Pollution Control Board

Environment Surveillance Centre

Paryawaran Parisar, E-5, Arera Colony, Bhopal -462 016 (M.P.)

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To,

**All the Municipal Commissioners  
All the Heads (Municipalities/Local Bodies)  
(As per the Enclosed List)  
(M.P.)**

**Sub : Directions under section 33-A of Water (Prevention & Control of Pollution) Act 1974**

**for the installation of Online Continuous Effluent Monitoring System for Self  
Surveillance of Sewage Treatment Plants.**

Ref. : CPCB Letter No. A-19014/43/06-UPC-I/4638, dated 07.08.2020.

Whereas, amongst others, U/s 17 of the Water (Prevention & Control of Pollution) Act 1974, one of the functions of the State Pollution Control Board (SPCB) is to plan a comprehensive programme for the prevention, control or abatement of pollution of streams and wells in the State and to secure the execution thereof, and

Whereas, the SPCB is empowered to prescribe stringent standards for discharge of environmental pollutants from industries including Sewage Treatment Plants (STPs) than those notified by the Central Government and ensure its compliance, under the Environment (Protection) Act 1986 and rules framed thereunder, and

Whereas, STPs are operated by Public Health Department, Municipal authorities, and

Whereas, STPs have been discharging environmental pollutants directly or indirectly into the water bodies which pose constant threat to cause adverse effect on the water quality and the SPCB is also required to ensure installation of sewage treatment facilities and their regular operations in the State, and

Continuous monitoring is essential to regulate and minimize inspection of STPs on routine basis and also to inculcate habit of self monitoring mechanism by the STPs to ensure compliance of prescribed standards and transmit data of effluent compliance to SPCB and CPCB on continuous basis. This can be achieved by installing online effluent monitoring devices, and

Whereas, the guidelines for online continuous monitoring System for effluents has already been published by the CPCB, and

Whereas, standard operating protocols for verification of installation and calibration of UV-

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Vis Dual Beam Scanning and Multipoint calibration mechanism technology based online continuous effluent monitoring devices used in STPOs have also been developed by the CPCB.

Now, therefore, in exercise of the powers conferred U/s 33 A of the Water (Prevention & Control of Pollution) Act, 1974, and keeping in view strengthening of monitoring mechanism for effective compliance through self-regulatory mechanism, hereby issues the following directions :

1. All the STPs being operated in Million Plus Cities by Municipal Corporations or the concerned body in the State shall install Online Continuous Effluent Monitoring Systems for the parameters namely pH, TSS, BOD, COD and Flow Meter before 31.01.2021.
2. The STPs being operated in the remaining cities and towns by Municipal Corporations, Municipalities, Local Bodies or any other agency shall install Online Effluent Monitoring Systems for the parameters namely pH, TSS, BOD, COD and Flow Meter before 31.07.2021.
3. The STP operating authority shall connect and upload the online effluent monitoring data with the servers of the MPPCB at Environment Surveillance Centre (ESC) at Bhopal in a time bound manner but not later than timelines as mentioned in point 1 and 2 above, as the case may be.
4. The STP operating authority shall ensure regular maintenance and operation of the Online Continuous Effluent Monitoring Systems with temper proof mechanism with facilities for calibration.
5. The STP operator should follow guidelines prescribed by CPCB for the online continuous monitoring system for effluents and Standard Operating Procedures for verification and calibration of UV-Vis Dual Beam Scanning & Multipoint calibration mechanism technology based Online Continuous Effluent Monitoring Systems used in the STPs.

You are directed to submit the Time Bound Action Plan with regards to above within 15 days time from the issuance of this letter for the stated compliance.

**(A. A. MISHRA)**

**Member Secretary**