

I/41591/2021

Madhya Pradesh Pollution Control Board**Environment Surveillance Centre****Paryawaran Parisar, E-5, Arera Colony, Bhopal -462 016 (M.P.)****Ph : 0755-2469180, Fax : 0755-2463742 E-mail : ercmppcb@nic.in Web : www.erc.mp.gov.in**

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03/11/2021

To,

**The Regional Officer
Regional Office,
M. P. Pollution Control Board,
Bhopal/Dewas/Gwalior/Indore/Jabalpur/Katni/ Mandideep/
Pithampur/Rewa/Sagar/Satna/Shahdol/Singrauli/Ujjain (M.P.)**

Sub: Reliability of City Ambient Air Quality Monitoring data - reg.

The M.P. Pollution Control Board is keeping a watch on the air quality of industrial areas on real-time basis across the State. Likewise the monitoring of city ambient air quality is also being carried out on real-time basis using continuous ambient air quality monitoring systems (CAAQMS). At present 21 cities are on the scanner with CAAQMS at 10 locations installed by MPPCB and at 11 locations by industries, as can be seen in the EnvAlert App.

The air quality data has direct influence on the human health and hence the reliability and genuineness of data is of prime concern. There is need to verify the monitoring data time to time to avoid any possible chance of transmission of erratic or wrong data to the Central Server. Based on the past data the Particulate Matters (PM) have been noticed to be the prominent parameters in determining the AQI. Owing to this fact the verification of PM_{2.5} and PM₁₀ is very significant.

In view of above it is urged to cross-check the particulate concentration at the CAAQMS site/s under your jurisdiction atleast once in two months. In addition to self diagnostic process and auto-calibration of CAAQMS, perform manual monitoring also of PM atleast once in two months for data verification purpose. Two manual monitoring systems can be used simultaneously at the CAAQMS site for 24 hours for this purpose. The results obtained through manual monitoring may be used for comparison and verification of CAAQMS data and the same may be forwarded to the Environment Surveillance Centre for review and reference.

Yours Faithfully,

Vijay Kumar
Ahirwar

(V.K. Ahirwar)**Director, Environment**

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