

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

No. **60** /HOPCB/ERC/2023

Bhopal, Dt: **24/04/2023**

Reminder

To,

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

Sub: Validation of Particulates Data in Ambient Air - reg.

Ref. : This office letter No. 1606/HOPCB/ERC/Bhopal, dated 01.12.2023

Your attention is drawn to the above referred letter vide which it was urged to validate the ambient particulate concentration at the CAAQMS sites under your jurisdiction by performing manual monitoring simultaneously at the same locations as per ideal procedures and send the comparative report. The report from most of the Regional offices is yet awaited.

It is again requested to take note of this important activity and send the report at earliest directly to the Environment Surveillance Centre (ESC), preferably by e.mail at ercmppcb@nic.in, for onward needful action. A copy of the referred letter is attached herewith for ready reference.

Encl. : A/a.

Yours Faithfully,

**(Dr. A.K. Saxena)
Sr. Scientific Officer**

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To,

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

Sub: Validation of Particulates Data in Ambient Air - reg.

The M.P. Pollution Control Board is carrying out city ambient air quality monitoring on real-time basis using continuous ambient air quality monitoring systems (CAAQMS). At present 30 cities are on the scanner which 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. The past trend shows that the Particulate Matters (PM) play a dominant role in determining the AQI. Owing to this fact the verification of PM_{2.5} and PM₁₀ is very significant.

In view of above ensure validation of ambient particulate concentration at the CAAQMS site/s under your jurisdiction at regular intervals by performing manual monitoring for PM atleast once in three months for cross verification of data. It is advised to use two manual monitoring systems 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 be forwarded to the Environment Surveillance Centre for review and reference.

Chandra Mohan Thakur
1/12/22
Chandra Mohan Thakur (IAS)
Member Secretary