

## **Minutes of Review Meetings with Public Agencies, State Governments and State Pollution Control Boards on Delhi NCR Air Quality**

Review meetings with the implementing agencies and State Pollution Control Boards (SPCBs) were convened on June 25, 2020, June 26, 2020 and July 06, 2020 via video conferencing to discuss preparedness to curb air pollution and to tackle stubble burning in the upcoming winter season. The meeting was chaired by Shri Shiv Das Meena, Chairman, Central Pollution Control Board (CPCB). The list of participants is annexed.

2. Chairman CPCB welcomed the participants and requested the Member Secretary to initiate the discussion.
3. The Member Secretary, CPCB briefed about air quality management efforts made so far and need for taking adequate preparatory measures in advance to effectively tackle air pollution in the upcoming winter season. He informed that as per feedback through social media platforms, open dumping and burning of domestic and industrial waste, C&D waste and road dust remain major areas of concern, besides contribution of stubble burning from northwest parts of the country. He emphasized that the role of preventive actions to control pollution from these sources and intensive monitoring of air polluting activities and adhering to norms by various agencies would be the key to keep air quality under control.

### **4. Air pollution control in Delhi-NCR**

All implementing agencies informed about issues and action taken for preparedness for upcoming winter season, which is summarized as under:

#### **Municipal Corporations and land owning agencies**

Municipal corporations informed that required measures have been taken for proper handling of solid waste, C&D waste, etc., paving and greening and work is in progress and shall be completed before onset of winter. Adequate number of mechanical sweepers and water tankers shall be deployed in winters. Hotspots areas shall be given top most priority.

DDA Representative informed that DDA's vacant sites have been either fenced or guards have been posted at open plots to avoid illegal dumping of C&D waste.

Chairman, CPCB urged various land owning agencies to clear the C&D and solid waste dumped on their respective sites.

#### **State Pollution Control Boards**

NCR states (UP, Haryana and Rajasthan) informed that action is being taken for installation of anti-smog guns at construction sites and proper management of C&D waste. With regard to industrial pollution control, action is taken against illegal industries; fuels such as furnace oil, pet coke, and pyrolysis oil have been banned in the state of Haryana and Plastic waste extrusion units have been shut down in the state of U.P.

With regard to action plan for hotspots, it was informed that 16 hotspots have been identified in the state of U.P. and action plan has been prepared while in case of Haryana action plan for Gurugram, Faridabad, Panipat, Sonapat and Bahadurgarh has been prepared. All three states suggested to subsidize cleaner fuel to help industries in smooth transition from conventional fuels to clean fuels.

DPCC informed that implementation of action plans of 13 hot spots is being monitored with Municipal Corporations. With regard to industrial pollution, it was informed that most of the air polluting units have switched over to PNG.

### **Construction Agencies**

Agencies informed that utilization of C&D waste is being targeted and implementation of dust mitigation measures at construction sites is ensured.

### **Other Agencies**

Transport Department and Traffic Police representatives informed that action is taken against visibly polluting vehicles, over loaded vehicles, vehicles without PUC certificate, vehicles carrying C&D waste without covering it as well as for prosecution of 10-15 year-old vehicles. Traffic Police also informed that adequate measures are being taken to control pollution in 28 identified traffic corridors such as deployment of personnel.

5. Chairman, CPCB stressed that for air pollution control in NCR districts, the land owning agencies need to take responsibility for ensuring zero tolerance towards open dumping of waste. Municipal agencies to increase off take of reprocessed material from C&D waste processing plants. Concerned implementing agencies to ensure that all pending work related to greening and paving, removal of waste (domestic and construction waste from open land), and, procurement of water sprinklers and mechanical sweepers shall be completed before September.

### **6. Action plan for control of Stubble burning**

Ministry of Agriculture & Farmers Welfare (MoA&FW) informed that central sector scheme for promotion of in-situ crop residue management has been extended for 2020 and Rs 600 crore has been allocated by the Government of India for this purpose. Active Fire Events (AFE) count and crop area burnt is monitored through Consortium for Research on Agro-ecosystem Monitoring and Modelling from Space (CREAMS).

**State Governments of Punjab and Haryana:** Both the States informed about the measures taken during last year to reduce stubble burning including intensive monitoring and enforcement in areas with very high number of active fire events (AFEs).

Haryana state has planned to achieve Zero stubble burning in upcoming season and submitted action plan while Punjab state mentioned that the action plan for stubble management in upcoming season is under preparation and will be submitted to MoA&FW shortly for approval.

Chairman, CPCB expressed that States of Punjab, Haryana and UP must use all available resources to tackle stubble burning. Chairman while concluding the deliberations directed that all efforts must be made to curb air pollution and following tasks must be accomplished by implementing agencies:

**A. For agencies in Delhi -NCR**

1. All concerned agencies to submit detailed action plans clearly indicating the tasks, quantum of work, field deployment plan, monitoring mechanism, etc. to concerned SPCB with copy to CPCB, by 31<sup>st</sup> July, 2020.
2. Action plans for Hotspot areas in Delhi and NCR must be implemented before September 30, 2020.
3. Dumping of waste in open land is solely the responsibility of land owning agencies. Any waste dumped on open plots must be cleared before September 30, 2020 and take necessary action to prevent dumping of wastes. This is the responsibility of land owning departments/agencies.
4. All concerned agencies must ensure complete redressal of social media complaints by September, 2020. DDA and DJB to take urgent necessary action considering their low resolution rate. Irrigation and Flood Control Department to set up a Social Media account for public grievances.
5. Transport Department of NCR shall identify traffic congestion hotspots and take adequate measures for planning decongestion.

**B. For Management of Stubble burning**

1. Concerned States to prepare and provide district level comprehensive action plan for stubble management, clearly demarcating area already under in-situ and ex-situ management and area proposed to be covered before upcoming winter season.
2. States must ensure that targets for machinery distribution shall be completed by end of August 2020, and also ensure compliance of the directions of the Hon'ble Supreme Court including setting up of one Custom Hiring Centre (CHC) in each village reporting AFE and rationalization of rentals for the machineries provided by CHCs.
3. Adequate awareness needs to be created among farmers and general public about ill-effects of stubble burning under IEC activities. Also, training and orientation programmes should be arranged at regular intervals for the farmers regarding usage of farm implements.

Meeting ended with thanks to the chair.

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List of Participants (through video conferencing)

1. Sh. Shiv Das Meena, Chairman, Central Pollution Control Board
2. Dr. Prashant Garagava, MS, Central Pollution Control Board
3. Sh. Pawan Kumar Goyal, MS, RSPCB
4. Sh. Ashish Tiwari, MS, UPPCB
5. Sh. S. Narayanan, MS, HSPCB
6. Dr. M.P. George, Sc "E", DPCC
7. Dr. Chetna Harzai, Scientist, DPCC
8. Sh. T.L. Sharma, C.E., Municipal Corporation, Faridabad
9. Sh. Dinesh Yadav, C.E., South Delhi Municipal Corporation
10. Sh. Praveen Kumar, RO, Noida
11. Sh. Dinesh, Commissioner, Municipal Corporation, Ghaziabad
12. Smt. Jaspreet Kaur, Additional Commissioner, Municipal Corporation, Gurugram
13. Sh. A.K. Gupta, S.E., North MCD
14. Sh. P.K. Singh, North MCD
15. Sh. Pradeep khandelwal, EDMC
16. Sh. K.K. Agrawal, General Manager, Noida
17. Col. P.K. Dogra, Consultant, Delhi Cantonment Board
18. Sh. Deepal Sharma, Inspector, Delhi Traffic Police
19. Sh. Atib Khan, Delhi Jal Board
20. Sh. Charan Singh Yadav, DDA
21. Sh. P.K. Garg, GM, HSIIDC
22. Sh. Sarabhjit Singh, Transport Department, Haryana
23. Sh. S.L. Meena, C.E., PWD
24. Sh. Sudhir Kumar Sharma, NCRTC
25. Sh. U.W. Hood, NCRTC
26. Sh. Mukesh Kumar, S.E., Irrigation and Flood Control Department
27. Sh. Shalabh Kumar, DJB
28. Sh. R.S. Negi, DJB
29. Smt Akta Kumari, NHAI
30. Sh. Aditya Sharma, Sc 'D', Central Pollution Control Board
31. Sh. Arvind Meshram, Deputy commissioner, Mechanization and Technology, Dept. of Agriculture, Cooperation & Farmers Welfare
32. Sh. Jagmandirnayan, Joint Director Agriculture Engineering, Agriculture & Farmers Welfare, Haryana
33. Sh. Manmohan Kalia, Joint Director Engineer, Dept. of Agriculture, Punjab
34. Sh. S. Narayanan, Member Secretary, HSPCB
35. Sh. G.S. Gill, Environment Engineer, Ludhiana, PPCB, Punjab
36. Representative, Transport Department, Rajasthan
37. Representative, DMRC
38. Representative, DSIIDC
39. Representative, Noida Authority
40. RO, Greater Noida
41. Representative, Additional Transport Commissioner, Uttar Pradesh
42. Sh. P. K. Gupta, Additional Director and Head, AQM, Central Pollution Control Board
43. Sh. V.K. Shukla, Additional Director and Head, AQMN, Central Pollution Control Board
44. Sh. Vinod Babu, Additional Director and Head, IT, Central Pollution Control Board
45. Sh. Ankush Tewani, Sc 'D', Central Pollution Control Board
46. Sh. Sharandeep Singh, Sc 'D', Central Pollution Control Board
47. Ms. Shalini Manoj, RA, AQM, Central Pollution Control Board

48. Ms. Nidhi Shukla, JRF, AQM, Central Pollution Control Board
49. Ms. Deuvshree Sharma, JRF, AQM, Central Pollution Control Board