

**Agenda for 11th meeting
of Air Quality Monitoring Committee (AQMC)
to review progress of implementation of Action Plans for
Nine Non-attainment Cities**



**Date: 5th July, 2021 at 3 PM
through Video Conference**

**Directorate of Environment and Climate Change
Department of Science, Technology and Environment
Government of Punjab**

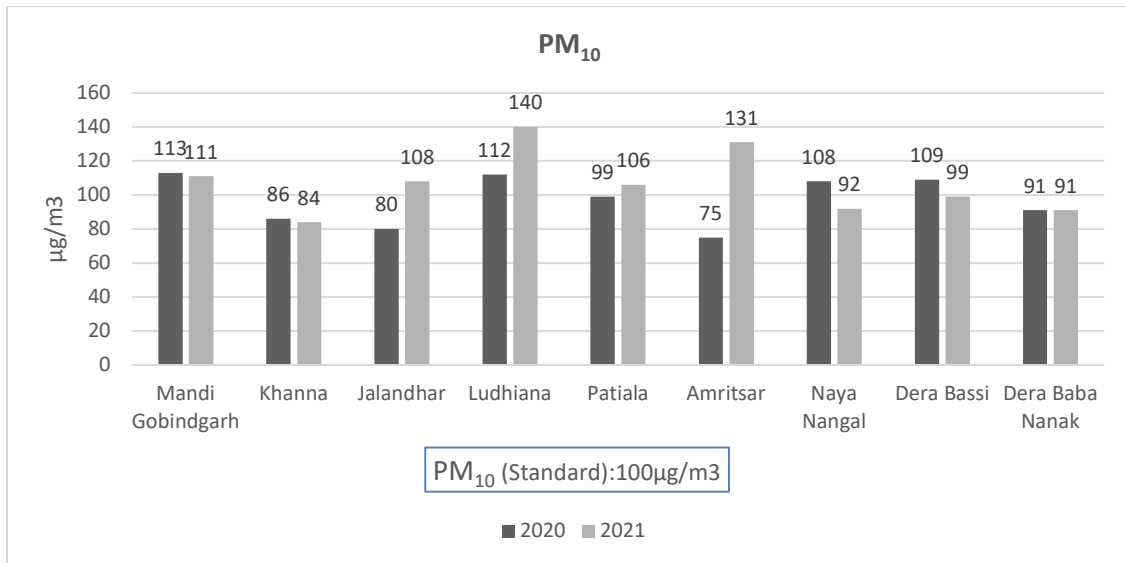
Agenda

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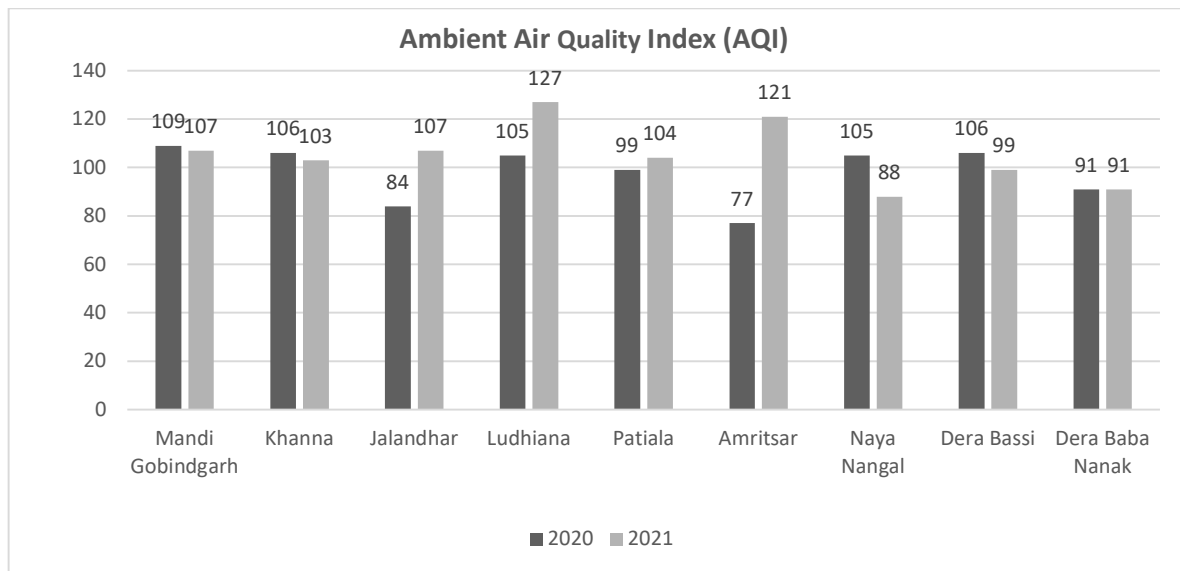
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Agenda No. 11.1 Status of Ambient Air Quality

1. Comparison of PM₁₀ (24 hourly) for the month of May 2020 viz a viz May 2021.



2. Comparison of AQI for the month of May 2020 viz a viz May 2021



National Air Quality Index	
AQI Range	Category
0-50	Good
51-100	Satisfactory
101-200	Moderate
201-300	Poor
301-400	Very Poor
401-500	Severe

Agenda No. 11.2 Compliance of NGT order dated 08.04.21 in O.A No. 681/2018

- i. NGT vide above order directed that at least 1 no. manual Air Quality Monitoring Station must be installed at every District Head Quarter within 3 Months by SPCBs using the funds available under consent mechanism/ environmental compensation.
- ii. Any delay in execution of Action Plan beyond 01.11.21 will render the concerned states liable to pay compensation at least @ Rs. 10 lacs per month with liberty to recover the amount from the erring officers. Further, such compensation must be credited to a separate account to be operated by the Chief Secretary and the amount will be spent for restoration of environment.
- iii. Police and Environment Departments who are interested with responsibility of control of noise pollution must execute Action Plan including procurement of equipment's (Noise Level Meters/ Noise Limiters). Concerned States/ Heads of Police Force must be held liable to pay compensation @ Rs. 10 lacs per Month as failure to enforce above action plan.
- iv. Need for compliance O.A No. 283/2020 regarding control of fugitive dust emissions from road cleaning by sprinkling of treated waste water of STP by all MCs/Local Bodies in all cities having "Poor" Air Quality Index.
- v. The Chief Secretaries may continue to monitor progress in execution of Action Plans at State Level with the assistance of monitoring cells in their offices and the AQMCs.
- vi. DECC vide letter dated 25.06.2021 circulated the copy of above NGT order to all the Stakeholder Departments & Deputy Commissioners of NACs for its compliance.

Agenda No. 11.3 Review of Activities pertaining to Punjab Pollution Control Board

Activity No.	Activity	Revised Timelines by Dept	Progress (up to May,2021)
CIE -1	Conversion of 118 Induction Furnaces (IFs) to Side Suction Hood (SSH)	31.07.21	- 114 units converted to SSH - Directions u/s 31A issued for closer - 2 units. - Industry Closed – 1 unit - Bank Guarantee encashed – 1 unit (Likely to install SSH by 31.07.2021)
CIE -2 (i)	Conversion of 683 Industries from Coal to CNG/ PNG with Break up as under:	30.09.22	- 62 no. Induction Furnaces converted to PNG.
	Mandi Gobindgarh - 226		- 60 no.
	Amritsar-89		- 2 no.
	Khanna- 93, Ludhiana – 275		- Work of laying pipeline yet to be started
CIE-3	Conversion of 64 Natural Draft Brick Kilns to Induced Draft	31.03.21	- 56 no. Brick Kilns converted to Induced Draft - Directions u/s 31A issued for closure to remaining 8 Brick Kilns (2 @ Jal, 1 @ Ldh & 5 @ Asr)
CIE-4	Action against Non-Complying (NC) Industrial units	31.07.21	- Action pending against 26 Non-complying industrial units for the period 31.10.2020 -

Activity No.	Activity	Revised Timelines by Dept	Progress (up to May,2021)
			31.05.21.
CIE-5	Evolving of mechanism for shifting of industries from residential areas to industrial areas in compliance of above NGT order dated 21.08.2020 in O.A No. 681/2018.	31.08.25	- PPCB yet to provide/share the list of industries along with coordinates of 7 NACs (Except Ludhiana & Patiala) and the Carrying Capacity & Source Apportionment Studies of all NACs with Chief Town Planner (CTP), Punjab.
CBGB-3	Control on the burning of agriculture waste and crop residue NGT vide order dated 21.08.2020 in O.A No. 681/2018, directed that action plan for control of stubble burning may be executed and give information about the status of compliance of action plans as on 31.12.20 to CPCB before 15.01.21.	Seasonal Activity	- PPCB reported that the Action Taken Report in compliance of NGT orders has been submitted to CPCB on 12.01.21. - Further, informed that Comprehensive Action Plan Control of Burning of Crop Residue has been submitted to Commission for Air Quality Management on 08.03.21. - No. of fire incidents reported by PRSC-10033 (Rabi Season) upto 31.05.21. - No. of cases in which EC imposed – 264 - Amount of EC imposed – Rs. 8.55 lac
COS- 1	Dissemination of Air Quality Index NGT vide order dated 08.04.21 in O.A No. 681/2018, has directed that at least Manual Air Quality Monitoring Station must be installed at every District Head Quarter within 3 Months by SPCBs & utilize funds available under Consent Mechanism/ Environmental Compensation	31.12.21	-PPCB reported that the work order for procurement of 3 no. Manual Monitoring Stations have already been placed and the work order for procuring 10 No. CAAQMS is likely to be placed by 31.07.21 and installation to be completed by 31.12.21 for NACs in compliance of NGT order dated 21.08.2020. - PPCB to update status regarding installing manual monitoring station at each district head quarter in compliance of NGT order.
COS-2&3	Establish an Air Quality Management Division at SPCBHQ and helpline in each city as well as SPCBHQ NGT vide order dated 15.11.2019 & 21.08.2020 in O.A No. 681/2018, has directed PPCB to submit the	30.06.21	- PPCB informed that the android based mobile application for receiving public complaints has been developed and will be made functional by 30.06.21. - Further, help line in each city will be setup by 31.12.21

Activity No.	Activity	Revised Timelines by Dept	Progress (up to May,2021)
	no. of complaint received on PGRP, steps taken for redressal and improvement achieved as on 31.12.20 to CPCB by 15.01.21		
COS- 5	Carrying Capacity (CC) and Source Apportionment (SA) studies. NGT vide order dated 21.08.20 directed to complete the studies within 6 months, i.e., 20.02.21.	31.07.21	The process of carrying capacity and source apportionment studies of 7 non-attainment cities is likely to be completed by 31.07.21.
CNP-1&2	Noise Mapping & Identification of Hot Spots	30.09.21	- PPCB informed that the agency for Noise Mapping of Amritsar and Ludhiana will be hired by 30.06.21 and mapping will be completed by 30.09.21.
CNP-3	Issuing of guidelines/directions regarding installation of Noise Limiter on noise polluting devices. NGT vide order dated 15.11.19, directed all states to take remedial action for control of noise pollution including installation of noise limiter and procurement of monitoring devices.	30.11.21	- PPCB informed that the agency being hired for Noise Mapping of Amritsar and Ludhiana will be responsible for conducting noise mapping, mitigation plan and suggesting quantity & location where noise limiters needs to be installed. - Further informed that the report/suggestion regarding Noise Mapping will be submitted by the agency by 30.09.21 and thereafter, directions will be issued regarding installation of Noise Limiters.
CNP-4	Procurement of adequate numbers of Noise Level Meters (NLMs) including applying compensation regime prepared by CPCB. NGT vide order dated 08.04.21 O. A no. 681/2018, directed Police and Environment Deptts to execute Action Plan for control of Noise Pollution & procure equipment's (NLMs). Concerned heads of the department must be held liable to pay compensation @	31.07.21	- PPCB was to file the status of procurement of Noise Level Meters (NLMs) and applying compensation regime to CPCB as on 31.12.2020 in compliance of NGT order dated 21.08.2020. - Further, PPCB informed that 20 no. Noise Level Meters (NLMs) will be procured by 31.07.2021. - PPCB to update the status regarding submission of compliance report to CPCB.

Activity No.	Activity	Revised Timelines by Dept	Progress (up to May,2021)
	Rs. 10 lacs per Month as failure to enforce above action plan.		

Agenda No.11.3 Annual Resources required by year 2025-26 for activities in Action Plans of Non-Attainment Cities (NACs)

- (i) CPCB vide letter dated 15.12.20 has requested Government to facilitate collection of information by SPCBs in the prescribed format to estimate city specific Air Quality Targets for reduction of PM₁₀ & PM_{2.5} and Annual Resources required till 2025 at District Level and the above information be submitted to CPCB by 18.12.2020.
- (ii) PPCB reported that the information in the prescribed proforma has been prepared and sent to Local Government vide letter dated 18.06.2021 for scrutiny at its end. Once, the report is received back from Local Government it would be forwarded to CPCB & MoEF&CC.

Agenda No. 11.4: Review of Activities pertaining to the Department of Local Government

Activity No.	Activity	Revised Timeline by Dept	Progress (up to March,2021)
CRD-2(i)	Water sprinkling on identified roads. NGT vide order dated 03.12.20 in O.A no. 283/2020 directed all the Municipal Corporations/ Local bodies in all the cities with "Poor" Air Quality Index to ensure sprinkling of water before sweeping of roads using STP water.	Regular Activity	- DECC vide letter dated 24.05.2021 submitted the progress report to CPCB for the last quarter of FY 2020-21. - Local Government informed that for compliance of NGT order dated 03.12.2020, list of 163 no. ULBs falling under 21 no. Districts were provided to PPCB & was requested vide letter dated 16.03.21 and 18.06.2021, to provide Air Quality Index (AQI) data, which has not been submitted so far.
CRD-3	Procurement of Mechanical sweeping machines.	31.12.21	- 8 Machines (2 for Jalandhar & 6 for Amritsar) procured out of total 13 Machines. - Remaining machines for Ludhiana (1), Mandi Gobindgarh (1), Khanna (1) & Naya Nangal (2) are yet to be procured.

CRD-7 (a-i)	Kacha/Brick Paved Roads to be made Pucca roads.	31.12.21	- Work completed at Jalandhar (41 km) & Ludhiana (10 km) - MGG (25 Km)- Estimation under process
CRD-7 (c-i)	Pavement of roadside using interlocking tiles.	31.07.22	- Work completed at MGG (10 km), Jal (1.6 km), Ldh (0.8 km), Ptl (3 km), Nangal (1.6 km), Derabassi (2 km). - Amritsar (28 km) - Non starter
CVE-4 (a-ii)	Creating parking by developing Multi-storey parking lots (Nos.)	31.12.22	- Parking lots to be developed in Khanna (1), Jalandhar (2), Ludhiana (3) & Amritsar (2). - Status of compliance as following: - Khanna – Administrative Approval pending at Govt. Level - Jalandhar – Non starter - Ludhiana – DPR prepared for 3 sites
CVE-4 (a-iii)	Creating parking for trucks/commercial vehicles (Nos.)	31.12.22	- DLG yet to initiate the activity at Khanna - Approval pending at Govt. Level for Khanna ULB.
CVE-6(a)	Widening of roads and infrastructure for decongestion of roads	31.12.21	- Work completed at MGG (1.5 km), Khanna (2.5 km), Ludhiana (8 km) & Patiala (5.5 km). - Non-starter at Jalandhar (7 km), Amritsar (7 km) and Dera Bassi (2 km).
CBGB-1&2	Control on open burning of bio-mass/municipal solid waste in City NGT vide order dated 03.12.20 directed all the Municipal Corporations/Local bodies in all the cities with “Poor” Air Quality Index to take steps to control burning of biomass/municipal solid wastes.	Regular Activity	- DECC submitted the progress report to CPCB for the period from 01.04.2020 to 31.12.2020 for 9 Non- Attainment Cities (NACs). - Further, latest Progress was submitted on 24.05.21 for the last quarter of FY 2020-21 in compliance of NGT order.
CCDA-2	Control measures for fugitive measures w.r.t Construction & Demolition Activities	Regular Activity	- 137 inspections made and 6 challans issued.

CCDA-3	Control measures for carrying the construction material enclosed/ covered vessels	Regular Activity	- 178 inspections made and 5 Challans issued.
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Agenda No. 11.5: Performance Evaluation Framework of Million Plus Cities for FY 2020-21 under 15th Finance Commission (FC-XV) Grant to State Finance/Local Government Department for implementation of Air Quality Measures

- (i) Ministry of Finance (MoF), Gol vide sanction letter dated 02.11.20 released Rs. 26 crores for Ludhiana and Rs. 19 crores for Amritsar ULB through State Finance Department to Local Govt as 1st instalment for Air Quality Measures including capacity building of Local Bodies as well as meeting the additional needs of the State Pollution Control Boards to appropriately assist the Local Bodies in monitoring the Ambient Air Quality. Further, MoEF vide sanction letter dated 26.04.21 released Rs. 26 crores for Ludhiana and Rs. 19 crores for Amritsar ULB as 2nd instalment.
- (ii) Local Govt. informed that the proposals of Rs. 45 Crore (1st Installment) was prepared for Ludhiana & Amritsar and submitted to MoEF&CC before 31.03.2021 whereas, preparation of proposals against 2nd Installment are under process & will be completed by 31.08.2021.
- (iii) In addition, CPCB released 1st instalment of Rs. 12.48 Crore directly to PPCB under National Clean Air Program (NCAP) for FY (2020-21).
- (iv) PPCB informed that Rs. 10 Crores are the committed funds for purchase of CAAQMS whereas, Rs 1.05 crore each was released to MCL & MCJ for purchase of mechanical sweepers.

Agenda No. 11.6: Review of Activities pertaining to PWD

Activity No.	Activity	Revised Timeline by Dept	Progress (up to May,2021)
CRD-7 (b-ii)	Existing roads requiring re-carpeting	31.07.21	- Work completed at Ldh (6.62 km), Ptl (44 km), Asr (27.70 km), DBN (4.6 km) - Jalandhar - 2.10 km completed out of target 5 km.
CRD-7(c-ii)	Pavement of roadside using interlocking tiles	30.09.21	- Work completed at Ptl (53 km) & DBN (4.60 km). - Khanna – 1.15 km pending due to paucity of funds.

Agenda No.11.7 Review of Activities pertaining to PUDA

Activity No.	Activity	Revised Timeline by Dept	Progress (up to May,2021)
CRD-7 (a-ii)	Kaccha/Brick Paved Roads to be made Pucca roads	30.09.21	- Work completed at Asr (8.5 km) - Jalandhar – Technical Bid under Evaluation & work 9.5 km to be completed by 30.09.21.
CRD-7 (c)	Pavement of roadside using interlocking tiles	31.12.21	- Work for 11.84 km was allotted at Asr whereas, it has been deferred as per orders of higher authority. - PUDA to submit the status to initiate the work in Amritsar city.

Agenda No 11.8 Review of Activities pertaining to the Department of Transport

Activity No.	Activity	Revised Timeline by Dept	Progress (up to May,2021)
CVE-2	Remote sensor-based PUC system	30.09.21	- 253 out of 304 PCCs linked with Vahan 4.0
CVE-10	Promotion of E-vehicle	30.09.21	- E-Vehicle Policy has been prepared & is yet to be notified.
CVE-11	Introduction of CNG based autos/taxis	31.12.21	- 577 No. CNG based autos/taxis registered out of target of 900.
CNP-4	Procurement of adequate numbers of Noise Level Meters (NLMs) for monitoring. NGT vide order dated 08.04.21 O. A no. 681/2018, directed Police and Environment Deptts to procure equipment's (NLMs). Concerned heads of the deptt. must be held liable to pay compensation @ Rs. 10 lacs/Month as failure of compliance	31.07.21	- Traffic Police Deptt. vide letter dated 17.06.2021 informed that in compliance of proceedings of 12th State Apex Committee (SAC) meeting held on 16.03.2021 under chairmanship of Chief Secretary, the committee directed Deptt. of Transport to coordinate with Punjab Pollution Control Board (PPCB) to get the specifications of NLMs, which is already in process of procuring 20 no. NLMs from Gem Portal for its own use and Transport deptt. may procure the adequate no. of NLMs of same specifications for Traffic Police. - No progress reported by Deptt. of Transport

Agenda No. 11.9: Review of Activities pertaining to Department of Town & Country Planning

Activity No.	Activity	Timeline by Dept	Progress (up to May,2021)
CIE 5	Shifting of industries from non-designated areas to industrial areas. NGT vide order dated 21.08.2020 has directed States that in light of SA/CC studies within 6 months from the date of such studies mechanism for shifting industrial units from residential areas may be evolved immediately.	31.08.25	<ul style="list-style-type: none"> - The deptt. to prepare the Master Plans for the cities of Naya Nangal & Dera Baba Nanak by 31.03.21. - To review the Master Plan of 9 NACs in light of CC & SA studies. - To evolve mechanism for shifting of industrial units from residential area to industrial areas. - Department informed that PPCB yet to provide/share the list of industries along with coordinates of 7 NACs (Except Ludhiana & Patiala) along with Carrying Capacity & Source Apportionment Studies with Chief Town Planner (CTP), Punjab. - PPCB to coordinate with Department of Town & Country Planning to facilitate the process.

Agenda No.11.10: Review of Activities pertaining to DIC

Activity No.	Activity	Timeline by Dept	Decision alongwith Progress reported by concerned Department (up to May,2021)
CIE 2 (ii)	Creation of Infrastructure for CNG Pipeline	31.03.22	<p>DIC reported as under:</p> <ul style="list-style-type: none"> • Ludhiana GA: 37-inch km laid out of 26000-inch km • Jalandhar GA: 54-inch km laid out of 23380-inch km • Fatehgarh Sahib GA: 578-inch km laid out of 650-inch km • Amritsar GA: 953-inch km laid out of 953-inch km <p>-Further, in compliance to decisions of proceedings of 14th State Apex Committee (SAC) meeting held on 08.06.2021, DIC informed that Petroleum & Natural Gas Regulatory Board (PNGRB) has been requested vide letter dated 22.06.2021 to award fresh contract for Ludhiana & Jalandhar cities as the</p>

			<p>earlier contract awarded to M/s Jay Madhok Energy Pvt. Ltd. has already been terminated by PNGRB.</p> <p>- It was also requested that some ubiquitous pricing mechanism may be evolved to remove market distortions due to variation in price.</p>
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Agenda No.11.11: Review of Activities pertaining to the Department of Food & Civil Supplies

Activity No.	Activity	Timeline by Dept	Progress (Up to May, 2021)
CVE- 11	Infrastructure development for CNG filling stations	30.09.21	<ul style="list-style-type: none"> - 27 no. Conventional stations upgraded to CNG filling stations (1 at MGG, 2 at Khanna, 6 at Ldh, 4 at Ptl, 13 at Asr, 1 at DBN). - 5 no. new CNG stations established (1 at Amritsar, 2 no. each at Ludhiana and Nangal). - Non-Starter at Jalandhar (3) and Dera Bassi (1)
