

**Agenda for 10<sup>th</sup> meeting**  
**of Air Quality Monitoring Committee (AQMC) to**  
**to review progress of Implementation of Action Plans for Clean Air**  
**and Control of Noise Pollution**  
**Nine Non-attainment cities.**



**Date: 9<sup>th</sup> December, 2020 at 2:00 PM**  
**through video conferencing on Google Meet**

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

## Agenda

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**Agenda No. 10.1 Leave of Absence**

1. Following Departments of the State Government invited for the meeting:

- (i) The Administrative Secretary, Department of Transport,
- (ii) The Administrative Secretary, Department of Local Government,
- (iii) The Chairman, Punjab Pollution Control Board,
- (iv) The Additional Director General of Police (Traffic), Police Department
- (v) The Chief Town Planner, Department of Town & Country Planning,
- (vi) The Administrative Secretary, Department of Industries and Commerce,
- (vii) The Administrative Secretary, Department of Housing and Urban Development,
- (viii) The Administrative Secretary, Department of PWD(B&R)
- (ix) The Administrative Secretary, Department of Food, Civil Supplies & Consumer Affairs,

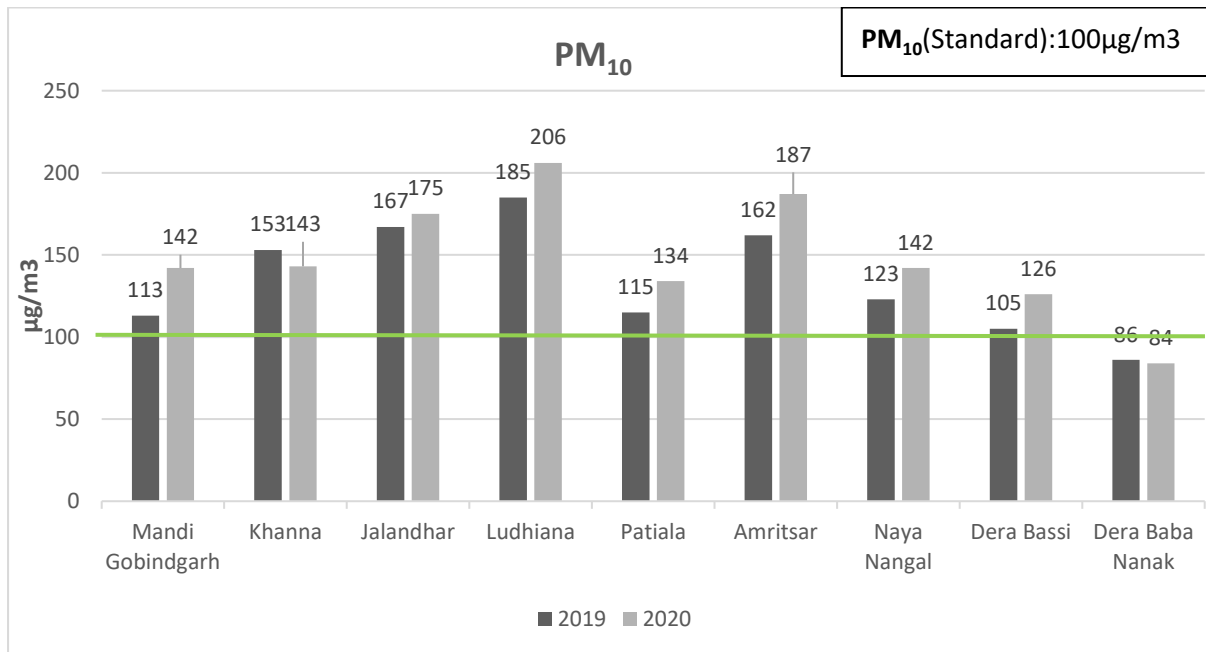
2. Leave of absence may be granted to those, who are unable to attend the meeting.

**Agenda No. 10.2      Confirmation of minutes of the 9th meeting of AQMC held on 15.01.2020.**

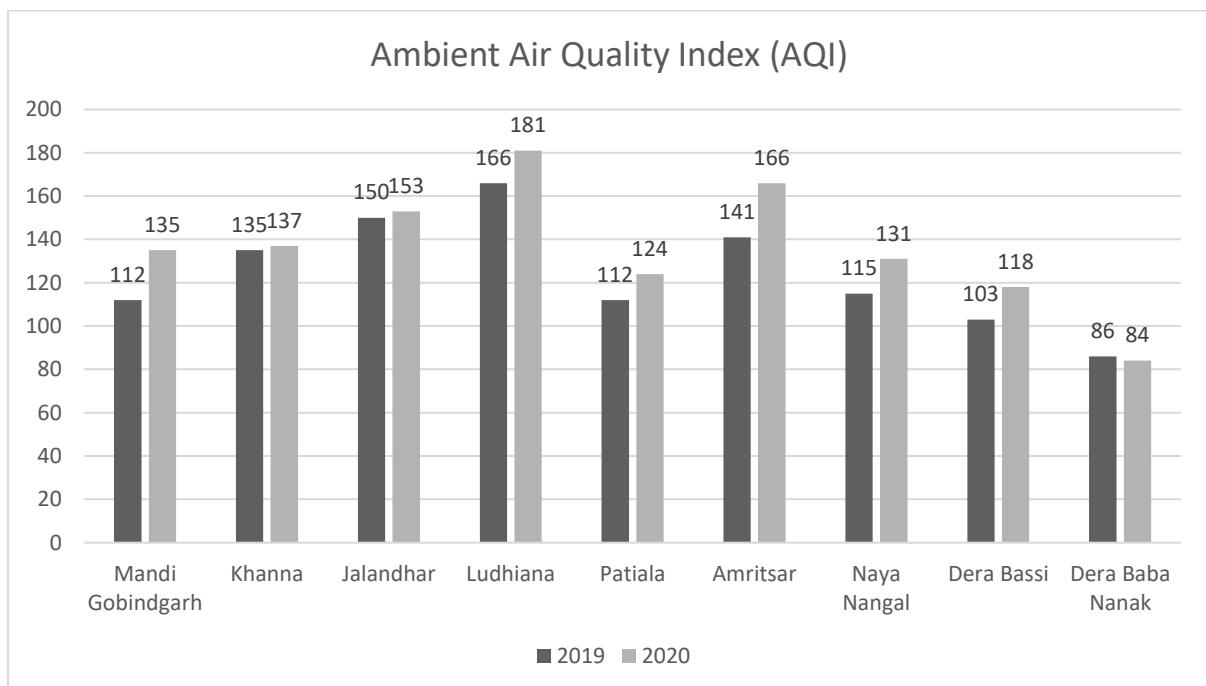
1. The minutes of the 9<sup>th</sup> meeting of the AQMC have been circulated to all concerned stakeholder departments vide letter no. DECC/2020/2824-2834 dated 24.01.2020.
2. No comments have been received from any of the departments.
3. The minutes may accordingly be confirmed.

**Agenda No. 10.3 Status of Ambient Air Quality**

1. Comparison of PM<sub>10</sub> (24 hourly) for the month of October 2019 viz a viz October 2020.



2. Comparison of AQI for the month of October 2019 viz a viz October 2020.



3. Requirement of CAAQMS and Manual Stations for monitoring Ambient Air Quality.

Name of the Cities	CAAQMS		Manual	
	Existing Stations	Additional Stations Required as per NGT order dated 06.08.19	Existing Stations	Additional Stations Required as per NGT order dated 06.08.19
Mandi Gobindgarh	1	NA	3	0
Amritsar	1	4	2	1
Khanna	1	0	2	1
Patiala	1	0	2	1
Jalandhar	1	2	4	0
Ludhiana	1	4	4	0
Naya Nangal	NA	NA	2	0
Dera Bassi	NA	NA	2	0
Dera Baba Nanak	NA	NA	1	0
<b>Total</b>	<b>6</b>	<b>10</b>	<b>22</b>	<b>3</b>

**Agenda No. 10.4 Review of Activities pertaining to Punjab Pollution Control Board.**

<b>Activity No.</b>	<b>Activity</b>	<b>Timeline by Dept</b>	<b>Progress (up to October, 2020)</b>
CIE -1	Conversion of Induction Furnaces (IFs) to Side Suction Hood	30.09.19	109 units converted out of total 118 units (92.37%)
CIE -2 (i)	Conversion of Industries from Coal to CNG/ PNG	31.03.21	30 units converted out of total 928 units (3.2%)
CIE-3	Conversion of Natural Draft Brick Kilns to Induced Draft	30.09.19	51 Brick Kilns converted to Induced draft out of total 62 units (82.3%)
CIE-4	Action against Non-Complying (NC) Industrial units	Regular Activity	2019-2020: Action pending against 03 NC units. 2020-2021: Action pending against 65 NC units.
CIE-5	Shifting of industries from non-designated areas to industrial area.	31.08.25	PPCB had sent the list of industries of Jalandhar and Amritsar NACs only to Chief Town Planner Punjab whereas has not sent the list for the remaining NACs.  Further, informed that Industries in Mandi Gobindgarh and Khanna permitted to operate in Non-Designated Area till 23.06.2026 and 03.01.2026 respectively.  PPCB to update the status.
CBGB-3	Control on the burning of agriculture waste and crop residue	Seasonal Activity	PPCB informed that mobile application developed for end to end reporting of each fire incident. Further, Rs.1.17 Crore EC has been imposed out of which only Rs. 2.95 Lacs has been recovered.  NGT vide order dated 21.08.20 directed SPCB to provide the compliance of action plan as on 31.12.20 to CPCB by 15.01.21.  PPCB to update the status regarding slow recovery of EC and compliance of above order.
COS-1	Dissemination of Air Quality Index	28.02.20	PPCB informed that E-Tendering regarding procurement of 8 No. CAAQMS has been published, out of total requirement of 10 No. under NCAP and specifications for the same has been received by the technical committee on 28.09.20 and the process of uploading the corrigendum is under process.  NGT vide order dated 21.08.20 directed SPCB to install requisite no. of CAAQMS within 6 months i.e.

Activity No.	Activity	Timeline by Dept	Progress (up to October, 2020)
			by 20.02.21 and utilize funds under Consent Mechanism/Environmental Compensation. PPCB to update the status regarding procurement of remaining 2 No. CQAAMS for Jalandhar NAC.
COS-2&3	Establish an Air Quality Management Division at SPCBHQ and helpline in each city as well as SPCBHQ	31.03.21	PPCB informed that Air Quality Management Division with Helpline No. set up at H.O, PPCB and Public Grievance Redressal Portal (PGRP) is under trial run.  NGT vide order dated 21.08.20 directed SPCBs for compiling the analysis of complaints received by PGRP by 31.12.20 and file report to CPCB.  PPCB to update the status.
COS- 4	Monitoring of DG sets and action against violations	Regular Activity	2019-2020: Action pending against 5 NC DG sets.  2020-2021: Action pending against 13 DG sets.
COS- 5	Carrying Capacity (CC) and Source Apportionment (SA) studies.	31.12.20	PPCB informed that the study will be completed by 31.12.20. Further, IIT Delhi has been assigned the work of carrying capacity study for all 9 NACs.  NGT vide order dated 21.08.20 directed to complete the studies within 6 months, i.e., 20.02.21. Further, on the basis of SA/CC studies steps to be taken for shifting of polluting activities which are found unsustainable and beyond carrying capacity of NACs.  PPCB to update the status regarding compliance of above NGT order.
COS- 6	Training and Capacity Building Programme (Design & Development of IEC material related to Air, Water & solid waste)	Regular Activity	PPCB is regularly broadcasting Jingles on AIR at Jalandhar Station and advertisements are being released on social media platforms.
CIE-0	Air Quality Monitoring Report	Regular Activity	PM <sub>10</sub> =84-206 µg/m <sup>3</sup>
CNP-1&2	Noise Mapping and identification of Hot Spots	31.07.20	No progress received from PPCB.  CPCB vide letter dated 21.06.19 directed PPCB to conduct study of Noise Mapping for metropolitan cities (Amritsar & Ludhiana) and identify hotspots in compliance to NGT order O.A No. 681/2018 dated



Activity No.	Activity	Timeline by Dept	Progress (up to October, 2020)
			15.03.2019 Further, PSSTE directed PPCB in a meeting held on 14.08.2019 to hire agency for noise mapping and identification of hotspots. PPCB to update the status.
CNP-3	Issuing of guidelines/directions regarding installation of Noise Limiter on noise polluting devices.	30.06.20	No progress received from PPCB. NGT in O.A No. 681/2018 dated 06.08.2019 directed to install Noise Limiters on noise polluting devices. PPCB to update the status.
CNP-4	Procurement of adequate numbers of Noise Level Meters (NLMs) for monitoring.	31.07.20	No progress regarding procurement of equipment received from PPCB whereas, has finalized the technical specifications. NGT vide order dated 21.08.20, directed all states to procure NLMs including applying the compensation regime prepared by CPCB and file the status of compliance as on 31.12.20 by 15.01.21. (Copy attached at Annexure-A) PPCB to update the status regarding Procurement of adequate numbers of Noise Level Meters (NLMs) in compliance to above NGT order.

1. PPCB to provide the timelines for:
  - a. Conversion of Induction Furnaces & Brick Kilns and for switching of industries from coal to CNG/PNG.
  - b. Dissemination of Air Quality Index.
  - c. Noise mapping and identification of Hot Spots.
  - d. Issuing of guidelines/directions regarding installation of Noise Limiter
  - e. Procurement of Noise Level Meters for monitoring.
2. PPCB to share the list of industries of the 9 NACs for shifting of industries from Non-Designated Areas to Industrial Area with DTCP and DECC.
3. PPCB to intimate the status of AAQ study under progress since April,2019 for removing the towns of Dera Baba Nanak and Naya Nangal, from the list of NACs.
4. PPCB to provide the progress report regarding various activities of Action Plan for Control of Noise Pollution in requisite proformas already shared by DECC vide email & reminder dated 08.09.20, 03.10.20 & 30.10.20.
5. PPCB to impose EC directly instead of PBG and shall maintain separate account for EC recovered as directed by PSSTE, DSTE, Govt. of Punjab vide letter dated 20.01.20.

6. PPCB was directed to directly impose EC on non-compliant industrial units instead of imposing Performance Bank Guarantee and expedite the progress of recovery of PBG/EC.

**Agenda No. 10.5: Review of Activities pertaining to the Department of Local Government.**

Activity No.	Activity	Timeline by Dept	Progress (Up to October, 2020)
CRD-1(i)	Maintain pothole-free roads /Patchwork of roads	Regular Activity	Satisfactory in all the 9 NACs.
CRD-2(i)	Water sprinkling on identified roads.	Regular Activity	Satisfactory
CRD-2(ii)	Procurement of water sprinklers.	31.03.20	11 water sprinklers procured out of total 12. Patiala yet to procure. (2) Deptt. to intimate the status of installing GPS/GIS based monitoring systems. Deptt. to submit the revised timeline.
CRD-3	Procurement of Mechanical sweeping machines.	31.12.21	6 Machines (Jalandhar (2/2) & Amritsar (4/2)) procured out of total 9 Machines. Naya Nangal (2) & Mandi Gobindgarh (1) yet to procure. Deptt. to intimate the status of installing GPS/GIS based monitoring systems.
CRD-4(i)	Creation of green buffers along roadside	Regular Activity	Satisfactory (46165 trees/shrubs planted) Deptt. to intimate the status of installing GPS/GIS based monitoring systems.
CRD-5	Greening of parks, open areas, community places, schools, and housing societies.	Regular Activity	Satisfactory (66360 trees/shrubs planted)
CRD-6	Installation of Water fountains at major traffic intersections.	30.06.21	2 installed at Amritsar. Patiala (1), Amritsar (1) & Naya Nangal (2)- yet to install.

CRD-7 (a-i)	Kacha/Brick Paved Roads to be made Pucca roads.	31.03.22	Non-Starter at Mandi Gobindgarh. (25 km) Jalandhar (41 km)- Satisfactory. (98%) Ludhiana (10 km)- Satisfactory. (55%)
CRD-7 (b-i)	Existing roads requiring re-carpeting.	31.03.22	Satisfactory (180 km road recarpeted out of total 201 km)
CRD-7 (c-i)	Pavement of roadside using interlocking tiles.	31.03.20	Non-Starter at Amritsar. (28 km) Satisfactory in remaining NACs. Deptt. to submit the revised timeline.
CVE-4 (a-i)	Creating parking infrastructure to prevent parking of vehicles in non-designated areas by designated parking lot site (Nos.)	31.12.22	Sites yet to be identified. Deptt. to intimate the compliance of directions issued by the 9 <sup>th</sup> SAC meeting held on 14.05.20.
CVE-4 (a-ii)	Creating parking by developing Multi- storey parking lots (Nos.)	31.12.22	DPRs for 3 sites prepared by MC Ludhiana. No progress in Jalandhar, Amritsar and Khanna. Deptt. to intimate the compliance of directions issued by the 9 <sup>th</sup> SAC meeting held on 14.05.20.
CVE-4 (a-iii)	Creating parking for trucks/ commercial vehicles (Nos.)	31.12.22	Approval pending at Govt. Level for Khanna ULB. Deptt. to intimate the compliance of directions issued by the 9 <sup>th</sup> SAC meeting held on 14.05.20.
CVE-4 (b-i)	Creating parking infrastructure to prevent parking of vehicles in non-designated areas (Additional Roadside parking earmarked by the yellow line)	31.03.21	Progress Satisfactory for Amritsar. Non-Starter in Dera Baba Nanak and Patiala. Deptt. to intimate the compliance of directions issued by the 9 <sup>th</sup> SAC meeting held on 14.05.20.
CVE-4 (b-ii)	Prevent parking of vehicles in non-designated areas by enforcement (Additional no parking sign boards to be installed)	31.03.21	Satisfactory (303 sign boards installed out of 309) Deptt. to intimate the compliance of directions issued by the 9 <sup>th</sup> SAC meeting held on 14.05.20.
CVE-6(a)	Widening of roads and infrastructure for	31.12.20	Progress satisfactory in Mandi Gobindgarh, Khanna and Ludhiana.

	decongestion of roads		Progress slow in Patiala. Non-Starter in Jalandhar (7 km), Amritsar (7 km) and Dera Bassi (2 km).
CVE-6(b)	Road design improvement	31.03.21	Satisfactory
CVE-7	Installation of intelligent traffic systems	30.09.21	Work initiated in Jalandhar. Non-starter in Patiala and Amritsar. Deptt. to intimate the compliance of directions issued by the 9 <sup>th</sup> SAC meeting held on 14.05.20.
CVE-8	Construction of expressways/ bypasses to avoid congestion	30.06.21	Satisfactory (32 % work completed by Ludhiana ULB at Pakhowal)
CVE-11 (b)	Introduction of CNG based city Bus Service	31.03.22	No work started in Amritsar and Jalandhar. Deptt. to submit the progress Deptt. to intimate the compliance of directions issued by the 9 <sup>th</sup> SAC meeting held on 14.05.20.
CBGB-1	Control on open burning of bio-mass in City	31.03.21	Satisfactory
CBGB-2	Control on burning of municipal solid wastes	Regular Activity	Satisfactory
CCDA-1(a)	Enforcement of Construction & Demolition Waste Rules	Regular Activity	Satisfactory
CCDA-1 (b)	Development of Infrastructure of Construction & Demolition waste	31.03.22	Satisfactory (21 out of 25 sites notified)
CCDA-2	Control measures for fugitive measures w.r.t Construction & Demolition Activities	Regular Activity	107 inspections made and 6 challans issued.
CCDA-3	Control measures for carrying the construction material enclosed/ covered vessels	Regular Activity	140 inspections made and 5 Challans issued.

**Agenda No. 10.6: Review of Activities pertaining to PWD.**

<b>Activity No.</b>	<b>Activity</b>	<b>Timeline by Dept</b>	<b>Progress (Up to October, 2020)</b>
CRD-1 (ii)	Maintain pothole-free roads / Patchwork of roads	31.03.20	Slow Progress (43 Km out of total 56 Km completed)  Deptt. to submit the revised timeline.
CRD-7 (b-ii)	Existing roads requiring re-carpeting	31.03.20	Slow Progress (85 Km out of total 97 Km re-carpeted)  Deptt. to submit the revised timeline.
CRD-7 (c-ii)	Pavement of roadside using interlocking tiles	31.03.21	Satisfactory (58 Km out of total 59 Km paved)
CVE-6 (a)	Widening of roads and infrastructure for decongestion of roads	31.03.21	Satisfactory (20 Km out of total 35 Km widened)

**Agenda No.10.7 Review of Activities pertaining to PUDA.**

<b>Activity No.</b>	<b>Activity</b>	<b>Timeline by Dept</b>	<b>Progress (Up to October, 2020)</b>
CRD-7 (a-ii)	Kaccha/Brick Paved Roads to be made Pucca roads	31.03.20	Slow Progress in Jalandhar. (Target revised to 9.5km and estimation under preparation)  Deptt. to submit the revised timeline.
CRD-7 (c)	Pavement of roadside using interlocking tiles	30.11.19	No Progress reported.  Deptt. to intimate the status and submit the revised timeline.
CVE-6 (a)	Widening of roads and infrastructure for decongestion of roads	30.11.20	Deptt. to submit the revised timeline. (48% work completed)
CVE-8	Construction of expressways/ bypasses to avoid congestion	16.07.20	Deptt. to submit the revised timeline. (30% work completed)

**Agenda No10.8 Review of Activities pertaining to the Department of Transport.**

<b>Activity No.</b>	<b>Activity</b>	<b>Timeline by Dept</b>	<b>Progress (Up to October, 2020)</b>
CVE-1	Public awareness campaign for control of vehicular emissions	Regular Activity	Satisfactory (252 Public awareness campaigns organized)
CVE-2	Remote sensor-based PUC system	31.03.21	Slow Progress (190 out of 304 PCCs linked with Vahan 4.0)
CVE-9	Phasing out commercial diesel vehicles more than 15 years old.	31.03.21	Deptt. reported that., as per Section 59 of the Motor Vehicles Act, 1988 Central Govt. is empowered to fix the age limit of motor vehicles.
CVE-10	Promotion of E-vehicle	31.03.21	Approval of E-Vehicle Policy under consideration of State Govt.
CVE-11	Introduction of CNG based autos/taxis.	31.03.21	Slow Progress. (191 No CNG based autos/taxis registered)

**Agenda No. 10.9 Review of Activities pertaining to Traffic Police.**

<b>Activity No.</b>	<b>Activity</b>	<b>Timeline by Dept</b>	<b>Progress (Up to October, 2020)</b>
CVE-1	Public awareness campaign for control of vehicular emissions.	Regular Activity	Satisfactory
CVE-3	Extensive drive against polluting vehicles.	Regular Activity	Satisfactory
CVE-4	Prevent parking of vehicles in non-designated areas by enforcement actions.	Regular Activity	Satisfactory
CNP-4	Procurement of adequate numbers of Noise Level Meters (NLMs) for monitoring.	31.07.20	Traffic Police informed vide letter dated 26.11.20 that no NLMs have been procured out of total requirement of 200 No. due to non-availability of funds.  NGT vide order dated 21.08.20, directed all states to procure NLMs including applying the compensation

			<p>regime prepared by CPCB and file the status of compliance as on 31.12.20 by 15.01.21. (Copy attached at Annexure-A)</p> <p>DECC has already sent the technical specifications &amp; minimum no. of NLMs required to be procured to Deptt. of Police vide letter dated 24.09.2019.</p> <p>Traffic Police to update the status regarding Procurement of adequate numbers of Noise Level Meters (NLMs) in compliance to above NGT order and provide the revised timelines.</p>
CNP-5	Providing training to the staff regarding the use of Noise level meter.	31.05.20	<p>Traffic Police informed that as NLMs are not available therefore training has not started yet at identified 71 No. police stations.</p> <p>Deptt. to update the status and provide revised timeline.</p>
CNP-6	Challans for use of pressure horns & vehicles emitting noise pollution	Regular Activity	Satisfactory
CNP-7	Attending complaints and taking appropriate action regarding noise pollution	Regular Activity	<p>Traffic Police informed that no complaint has been received regarding noise pollution.</p> <p>NGT vide order dated 21.08.20, directed all states to apply the compensation regime prepared by CPCB and file the status of compliance as on 31.12.20 by 15.01.21. (Copy attached at Annexure-A)</p>
CNP-8	Patrolling/monitoring of public/religious/private places, community halls etc.	Regular Activity	Satisfactory
CNP-9	Installations of sign boards "No Horn" in silence zone	30.06.20	<p>Traffic Police informed that the matter pertains to Local Govt. and is requesting Local Govt to install No Horn sign boards.</p> <p>Deptt. to provide the revised timelines.</p>

**\*Progress pertaining to activities related to Action Plan for Control of Noise Pollution received vide email dated 26.11.20 has been updated.**

**Agenda No. 10.10 Review of Activities pertaining to PSIEC.**

<b>Activity No.</b>	<b>Activity</b>	<b>Timeline by Dept</b>	<b>Progress (Up to October, 2020)</b>
CRD 4(i)	Creation of green buffers along the roadside	Regular Activity	Satisfactory
CRD 7 (b)	Existing roads requiring re-carpeting	31.03.20	Satisfactory in Jalandhar. Slow Progress in Amritsar (10 km), Naya Nangal (3km) and Dera Bassi (3 km). Deptt. to provide the revised timelines.

**Agenda No. 10.11: Review of Progress Activities pertaining to Department of Town & Country Planning**

<b>Activity No.</b>	<b>Activity</b>	<b>Timeline by Dept</b>	<b>Progress (Up to July, 2020)</b>
CIE 5	Shifting of industries from non-designated areas to industrial areas.	31.08.25	Out 9 NACs, Master Plans of 7 NACs prepared except Naya Nangal and Dera Baba Nanak. PPCB provided the list of industries of Jalandhar and Amritsar to the Deptt. Deptt. to update the status

**Agenda No.10.12: Review of Activities pertaining to DIC.**

<b>Activity No.</b>	<b>Activity</b>	<b>Timeline by Dept</b>	<b>Progress (Up to October, 2020)</b>
CIE 2 (ii)	Creation of Infrastructure for CNG Pipeline	31.07.20	Slow Progress, DIC shared the progress of following districts: Ludhiana District- 37-inch km laid out of 26000-inch km Jalandhar District- 54-inch km laid out of 23380-inch km Fatehgarh Sahib district- 355-inch km laid out of 650-inch km



			Deptt. to provide the revised timelines.
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1. DIC to provide the status of the joint meeting convened along with PPCB regarding conversion of industries from coal to CNG.
2. DIC to intimate the status regarding resolving issues of laying of pipeline with vendors and fixing timelines for the same.
3. It has been observed that DIC is providing progress regarding laying of pipeline for CNG for the whole district whereas progress for NACs (Ludhiana, Jalandhar, Amritsar, Khanna, Mandi Gobindgarh, Dera Bassi, Patiala & Naya Nangal) is required separately.

**Agenda No.10.13 Review of Progress up to July 2020 w.r.t the activities pertaining to the Department of Food and Civil Supplies.**

Activity No.	Activity	Timeline by Dept	Progress (Up to October, 2020)
CVE- 5	Check fuel adulteration	Regular Activity	No violation observed during inspection.
CVE- 11	Infrastructure development for CNG filling stations	31.03.20	<p>Slow Progress.</p> <p>2 CNG station (1 each at Amritsar &amp; Naya Nangal) set up.</p> <p>2 CNG station (1 each at Jalandhar and Patiala) yet to be set up.</p> <p>Petrol pumps upgraded to CNG filling stations:</p> <p>a. Non-Starter at Jalandhar (2) and Dera Bassi (2)</p> <p>b. Progress Slow in Ludhiana (5/6) and Patiala (2/4)</p> <p>Deptt to submit the revised Timelines.</p>

**Agenda No.10.14 Any other item with the permission of the Chair.**