

Agenda for 7th meeting of
Air Quality Monitoring Committee (AQMC)
to be held under the Chairmanship of Principal Secretary, Science, Technology
and Environment
to review progress of Implementation of Action Plans for Clean Air



Date: 9th September, 2019
Time: 3:00 pm
Venue: Committee Room of Punjab State Council for Science & Technology

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

Agenda No.7.1: Confirmation of minutes of the 6th meeting.

The minutes of the 6th meeting of the AQMC have been circulated to all concerned stakeholder departments vide letter no. DECC/2019/1072-1084 dated 25.07.2019. Action taken report have been received by PPCB Vide letter no. 23650 dated 09.08.2019. The minutes may accordingly be confirmed.

Agenda No. 7.2 Action taken on the minutes of 6th Meeting of Air Quality Monitoring Committee (AQMC) held on 08.07.2019.

All the departments are being regularly persuaded for progress on the activities as per the Action Plan and review formats. The current status of progress after taking into account action to be taken in pursuance to the decisions of the committee during previous meetings have been placed in the respective agenda items.

Agenda No. 7.3 Review of meetings held by District Committees for non-attainment cities

Following districts have held the review meetings for review of various activities of action plan for abatement of pollution in various non-attainment cities:

The agenda and proceedings have been uploaded on DECC website.

Agenda No. 7.4 Review of Progress w.r.t the activities pertaining to Punjab Pollution Control Board

Progress upto the month of August, 2019 w.r.t activities pertaining to Punjab Pollution Control Board is at **Annexure-1**. The highlights of the same are given below:

Activity No.	Activity/ Decisions	Progress as on August, 2019/ Observations	Remarks of DECC
CIE -1	Conversion to Side Suction Hood in Induction Furnaces (IFs)	82 (50%) units converted out of total 16 units	Slow in Ldh
CIE -2 (i)	Conversion of Industries from Coal to CNG/ PNG	14 (1.5%) units converted out of total 914 units.	Extremely Slow at MGG & Non starter at Ldh, Khanna & Asr

CIE-3	Conversion of Natural Draft Brick Kilns to Induced Draft	33(48%) Brick Kilns converted to Induced Draft out of total 101 units.	Slow
CIE-4	Action against Non-Complying Industrial units Review of decision taken in the last AQMC The disposal of cases was slow. PPCB was directed to expedite the progress by completing action against the defaulting unit within 45 days.	Regional Office: <ul style="list-style-type: none"> • 1228 (54%) industries inspected. • 155 (13%) industries found not complying. • 45 (29%) No. of pending cases of non compliance. (23 cases more than 45 days old) • No action initiated against 18 units at Ludhiana 	Slow
CBGB-3	Control on burning of agriculture waste and crop residue Review of decision taken in the last AQMC PPCB was directed to expedite recovery of EC.	For period of 15/03/2019 to 31/05/2019 (Rabi season): <ul style="list-style-type: none"> • 11708 nos of fire incidence reported • 869 (7%) nos. of sites visited - • Total EC imposed (Rs. 7,82,500/-) • Rs.25,000/- (3%) recovered as EC 	Extremely Slow
COS-1	Dissemination of Air Quality Index Review of decision taken in the last AQMC PPCB was directed to install display boards at prominent public places like Railway	No progress PPCB to present the status.	Non-Starter

	Station, Bus Stand etc. for dissemination of Air Quality Index.		
COS-2&3	<p>Establish an Air Quality Management Division at SPCB HQ and helpline in each city as well as SPCB HQ</p> <p>Review of decision taken in the last AQMC</p> <p>PPCB was asked to strengthen the division at head office and a Chief Engineer level Officer shall head the division at head office.</p>	No progress	Non-Starter
COS- 4	Monitoring of DG sets and action against violations	<ul style="list-style-type: none"> • 450 no. DG sets inspected. • 17 no. found non complying • 5 no. (29%) pending cases (3 cases more than 45 days old) 	Slow
COS- 5	Source apportionment study	PPCB informed that the study shall conclude within six months from the date of signing of MoU i.e 05.06.2019 in all the seven cities.	Extremely Slow
TCB-1	<p>Training and Capacity Building Programme</p> <p>Review of decision taken in the last AQMC</p> <p>PPCB was asked to develop the IEC material for organizing training and Capacity Building</p>	<p>No Progress</p> <p>PPCB to present the status.</p>	Non Starter

	Programme.		
CIE-0	<p>Air Quality Monitoring Report</p> <p>Review of decision taken in the last AQMC</p> <p>AQI data and online data from other devices shall be integrated into one portal for effective monitoring. The detailed protocol, validation, calibration and other relevant modalities need to be worked out. It will also require adequate data space and data analysis including AI. PSCST to organize separate follow up meeting on the same to finalize the way forward.</p> <p>The impact of various measures on air pollution also needs to be demonstrated. A model needs to be developed accordingly. PSCST had done source apportionment study for Ludhiana and the same shall be developed to forecast the impact of various measures.</p>	<p>i) PM₁₀ =50-153 µg/m³</p> <p>ii) Value of PM₁₀ of only Dera Baba Nanak is less than 60 µg/m³</p> <p>PSCST informed that RFP for developing an integrated central portal is being prepared. The data would be imported into the portal for its effective monitoring.</p>	Slow

Agenda No. 7.4: Review of Progress w.r.t the activities pertaining to Department of Local Government

Progress up to the month of August, 2019 w.r.t activities pertaining to Department of Local Government is given at **Annexure-2**. The highlights of the same are given below:

Activity No.	Activity/ Decisions	Progress as on August, 2019/ Observations	Remarks of DECC
CRD 1 (i)	Maintain pothole free roads /Patch work of roads	<p>i) 129 Km (63%) road length made pothole free out of 201km.</p> <p>ii) No Progress by Derabassi ULBs.</p>	Satisfactory

CRD 2 (i)	<p>Water sprinkling on identified roads</p> <p>Review of decision taken in the last AQMC</p> <p>It was decided that GPS / GIS based monitoring of water sprinklers to be adopted. PSCST to organize discussion separately for way forward on GIS/ GPS systems with all the stakeholders.</p>	<p>i) 157 Km/day (100%) of average road length is being sprinkled out of the total 157Km</p> <p>PSCST informed that meeting was conducted on 18.07.2019 wherein MC Jalandhar, Amritsar & Ludhiana informed that they have developed a portal where GPS / GIS based water sprinklers monitored.</p>	Satisfactory
CRD 2 (ii)	<p>Procurement of water sprinklers</p>	<p>4 (31%) water sprinkler has been procured out of the total target of 13 sprinklers.</p>	Slow
CRD 3	<p>Procurement of Mechanical sweeping machines</p> <p>Review of decision taken in the last AQMC</p> <p>It was decided that GPS / GIS based monitoring of mechanical sweeping machine to be adopted. The movement of all such vehicle should be integrated at a single station for better monitoring. PSCST to organize separate discussion on the subject with all the stakeholders for way forward.</p>	<p>No mechanicalsweepingmachine procured out of the total target of 13no.</p> <p>PSCST informed that meeting was conducted on 18.07.2019 wherein Amritsar informed that they have developed a portal where GPS / GIS based mechanical sweeping monitored.</p>	Non-Starter
CRD 4(i)	<p>Creation of green buffers along road side</p> <p>Review of decision taken in the last AQMC</p> <p>It was directed:</p> <p>i) to prepare green map for Ludhiana, Jalandhar and</p>	<p>20343 (72%) trees/shrubs planted by out of total target of 28325.</p> <p>Deputy Joint Director, Local Govt. to update the status</p>	Satisfactory

	<p>Amritsar ULB</p> <p>ii) to monitor progress of activity on GIS map</p> <p>iii) to present the progress on GIS map in the next meeting</p>		
CRD 5	<p>Greening of parks, open areas, community places, schools and housing societies</p> <p>Review of decision taken in the last AQMC</p> <p>It was directed:</p> <p>i) to prepare green map for Ludhiana, Jalandhar and Amritsar ULB</p> <p>ii) to monitor progress of activity on GIS map</p> <p>iii) to present the progress on GIS map in the next meeting</p>	<p>27661 (51%) trees/shrubs planted by out of total target of 53850.</p> <p>Deputy Joint Director, Local Govt. to update the status</p>	Slow
CRD 6	Installation of Water fountains at major traffic intersections	i) 2 (29%) water fountains installed out of total target of 7 no.	Slow
CRD 7 (a-i)	Kaccha/Brick Paved Roads to be made Pucca roads	<p>i) 18.4 (18%) Km Kaccha road made Pucca out of total target of 83 km.</p> <p>ii) No progress in Khanna ULBs.</p>	Extremely Slow
CRD 7 (b-i)	Existing roads requiring recarpeting	77.4 km (40%) of roads recarpeted out of total 207 km.	Slow
CRD 7 (c-i)	Pavement of road side using interlocking tiles	20.75 km (34%) of pavement of roadsides done out of 61km.	Slow

CVE 4 (a-i)	Creating parking infrastructure to prevent parking of vehicles in non-designated areas by designated parking lot site (Nos.)	4 no. (11%) of designated parking lot site created out of the total 14 sites.	Extremely Slow
CVE 4 (a-ii)	Creating parking by developing Multi storey parking lots (Nos.)	i) DPRs of 3 multi story parking lots have been prepared by Ludhiana and for 1 multi story parking lot by Khanna. ii) No progress has been made by other ULBs.	Extremely Slow
CVE4 (a-iii)	Creating parking for trucks/ commercial vehicles (Nos.)	i) Estimate prepared by Mandi Gobindgarh ii) No progress made by Khanna ULB.	Extremely Slow
CVE 4 (b-i)	Creating parking infrastructure to prevent parking of vehicles in non-designated areas	i) 3 no. (11%) "Additional Roadside parking by yellow line" earmarked by out of the total target of 21 roadside parking.	Extremely Slow
CVE 4 (b-ii)	Prevent parking of vehicles in non-designated areas by enforcement	40 (12%) no. "Additional No Parking" sign boards have been installed by Ludhiana, Khanna & Jalandhar ULBs out of total target of 294.	Extremely Slow
CVE 6 (a)	Widening of roads and infrastructure for decongestion of roads	12.6 (26%) Km of road length has been widened by Khanna, Ludhiana and Patiala ULBs out of total target of 48 km.	Slow
CVE 6(b)	Road design improvement	Work is under progress for 42.7 Km of road length for Ludhiana ULBs.	Extremely Slow
CVE 7	Installation of intelligent traffic systems Review of decision taken in the last AQMC It was decided that officers of remaining ULBs may take advice from Jalandhar ULB to fast track the process of introduction of intelligent	i) Work under progress in Jalandhar city for introduction of intelligent traffic system under Smart City Project. ii) Estimates sent for vetting by Patiala and Khanna ULB, tender to be called iii) No progress by other ULBs.	Extremely Slow

	traffic system		
CVE 8	Construction of expressways/ bypasses to avoid congestion	Work under progress by Ludhiana ULB.	Extremely Slow
CVE 11 (b)	Introduction of CNG based city Bus Service Review of decision taken in the last AQMC Department was asked to frame the policy for Introduction of CNG based city Bus Service for Amritsar, Ludhiana, Jalandhar	i) No progress has been reported by any ULBs. ii) Report awaited, Deputy Joint Director to present the status.	Non-Starter
CBGB 1	Control on open burning of bio-mass in City	Cumulative progress is 462 (48%) pucca pits constructed out of total target of 969.	Slow
CBGB 2	Control on burning of municipal solid wastes	i) No. of inspections:1422 ii) No. of challans issued: 295 (21% of the inspection)	Extremely Slow
CCDA 1(a)	Enforcement of Construction & Demolition Waste Rules	i) No. of inspections: 3206 71%) ii) No. of challans issued: 554 (19% of inspection)	Extremely Slow
CCDA 1 (b)	Development of Infrastructure of Construction & Demolition waste Review of decision taken in the last AQMC Department was asked to provide the list of major commercial Buildings under construction & work out criteria for imposing penalty	i) No. of site developed for C&D waste processing :Nil ii) No. of site notified for C&D waste processing: 13(48%) iii) Quantity of C&D waste dumped at notified site: 1067.2MT Report awaited, Deputy Joint Director to present the status.	Slow

	for violating C&D rules by the next meeting		
CCDA 2	Control measures for fugitive measures w.r.t Construction & Demolition Activities	i) No. of inspections: 262 (6%) ii) No. of challans issued: 27 (10% of total inspection)	Extremely Slow
CCDA 3	Control measures for carrying the construction material enclosed/ covered vessels	i) No. of inspections: 140 ii) No. of challans issued: 19 (14% of the inspection)	Extremely Slow

State Nodal Officer(Joint Deputy Director), Local Government (ULBs) to present the status of above activities

Item No. 5 Review of progress w.r.t the activities pertaining to PWD

Progress up to the month of August, 2019 w.r.t activities pertaining to PWD is given at **Annexure-3** The highlights of the same are given below:

Activity No.	Activity/ Decisions	Progress as on August, 2019/ Observations	Remarks of DECC
CRD 1 (ii)	Maintain pothole free roads /Patch work of roads	i) 33.74Km (60%) of road length completed out of total 56Km. ii) Work under progress for 9.44Km	Satisfactory
CRD 7 (b-ii)	Existing roads requiring recarpeting	i) 39.18 Km (40%) completed out of total 97Km. ii) A/A awaited for 11.68 km	Slow
CRD 7 (c-ii)	Pavement of road side using interlocking tiles	i) 22 Km (38%) completed out of total 68Km. ii) A/A awaited for 1.15 km	Slow

CVE 6 (a)	Widening of roads and infrastructure for decongestion of roads	i) 7.91 km (22%) completed out of total 38Km. ii) A/A awaited for 6.50 km	Extremely Slow
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Nodal Officer (Chief Engineer), PWD to present the status of above activities.

Item No. 6 Review of Progress w.r.t the activities pertaining to PUDA

Progress up to the month of August, 2019 w.r.t activities pertaining to PUDA is given at **Annexure-4** . The highlights of the same are given below:

Activity No.	Activity/ Decisions	Progress as on August, 2019/ Observations	Remarks of DECC
CRD 1 (iii)	Maintain pothole free roads/Patch work of roads (PUDA)	21 Km work completed out of total 21 Km at Patiala.	Satisfactory
CRD 7 (a-ii)	Kaccha/Brick Paved Roads to be made Pucca roads	4.2 Km (38%) work under progress out of total 10.87 Km.	Slow
CRD 7 (b-iii)	Existing roads requiring recarpeting	11.94 Km (99%) completed out of total 12 Km.	Satisfactory
CRD 7 (c)	Pavement of road side using interlocking tiles	No progress out of total target of 11.84 Km	Non Starter
CVE 6 (a)	Widening of roads and infrastructure for decongestion of roads	0.2 km (1%) work under progress out of total 23.54Km	Extremely Slow

CVE 8	Construction of expressways/ bypasses to avoid congestion	i) Work of Missing Link Phase-III, (Malerkotla road to Dugri Road) allotted and same is under progress. (Only 5% work complete)	Extremely Slow
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Nodal Officer (Superintending Engineer), GLADA to present the status of above activities.

Item No. 7: Review of Progress w.r.t the activities pertaining to Department of Transport

Department has not submitted the progress for the month of August, 2019. However Progress up to the month of August, 2019 w.r.t activities pertaining to transport is given at **Annexure-5** . The highlights of the same are given below:

Activity No.	Activity/ Decisions	Progress as on July, 2019/ Observations	Remarks of DECC
CVE 1	Public awareness campaign for control of vehicular emissions	i) Only 87 awareness campaigns organized. ii) No progress by MGG, Khanna, Ludhiana, Amritsar & DBN cities. Department to update the target no. of camps to be organized.	Slow
CVE 2	Remote sensor based PUC system	i) Deptt. informed that all RTA's are directed that all PUC centres shall get their equipment updated from the manufacturer with Application Program Interface (API) by 31.07.2019. ii) Deptt. did not provide the list of PCCs to DECC.	Slow

		Department to share the list of PCCs which have updated API for linking it to VAHAN Software.	
CVE 9	<p>Phasing out commercial diesel vehicles more than 15 years old.</p> <p>Review of decision taken in the last AQMC</p> <p>It was noted that no policy has been made by the department. Department was directed to intimate proposed steps to be taken for banning of entry of commercial diesel vehicles more than 15 years old in non-attainment cities.</p>	<p>i) Deptt. informed, the Central Govt., as per Section 59 of the Motor Vehicles Act, 1988 is empowered to fix the age limit of motor vehicles.</p> <p>ii) No appropriate reply submitted, Deptt. to present the status on banning entry of commercial diesel vehicles entering non attainment cities.</p>	Non-Starter
CVE 10	<p>Promotion of E-vehicles</p> <p>Review of decision taken in the last AQMC</p> <p>Department was asked to share draft E-vehicle policy with DECC.</p>	<p>Department informed that action is in progress at the level of Govt.</p> <p>Deptt. has not shared the Draft E-vehicle policy yet. Deptt. to present the status</p>	Non-Starter
CVE 11	<p>Introduction of CNG based autos/taxis.</p> <p>Review of decision taken in the last AQMC</p> <p>It was noted that no policy has been framed out by the department. Department was</p>	<p>No progress on the matter reported by the deptt.</p>	Non-Starter

	asked to frame the policy on Introduction of CNG based autos/taxis		
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- 1) Nodal officer (State Transport Commissioner), Department of Transport to present the status.

Item No. 8 Review of Progress w.r.t the activities pertaining to Traffic Police.

No progress has been received for the month of August, 2019. However, Progress up to the month of July, 2019 w.r.t activities pertaining to Traffic Police is given **at Annexure-6**. The highlights of the same are given below:

Activity No.	Activity/ Decisions	Progress as on July 2019/ Observations	Remarks of DECC
CVE 1	Public awareness campaign for control of vehicular emissions	i) 1456 Public awareness camps as on July, 2019 ii) No progress received for the month of August, 2019	Satisfactory
CVE 3	Extensive drive against polluting vehicles.	i) 4415 challans issued against polluting vehicles as on July, 2019 ii) No progress received for the month of August, 2019	Satisfactory
CVE 4	Prevent parking of vehicles in non-designated areas by enforcement actions Review of decision taken in the last AQMC Traffic police was directed i) To install CCTV camera at 02 locations (non-designated parking areas), on trial basis in Ludhiana City .	i) 25478 challans issued to prevent parking of vehicles in non-designated area. as on July, 2019 ii) No progress received for the month of August, 2019 SP, (Traffic), Police deptt. to update the status.	Satisfactory

	ii) to issue challans for parking in non- designated areas based on the footage of CCTV cameras. iii) to present the progress in the next meeting.		
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Nodal officer, Department of Traffic to present the status of above activities.

Item No. 9 Review of Progress w.r.t the activities pertaining to PSIEC

Progress up to the month of August, 2019 w.r.t activities pertaining to PSIEC is given at **Annexure-7**. The highlights of the same are given below:

Activity No.	Activity/ Decisions	Progress as on August, 2019/ Observations	Remarks of DECC
CIE 5	Shifting of industries from non- designated areas to industrial Area Review of decision taken in the last AQMC PSIEC shall conduct a joint meeting with the Industrial Associations, PPCB. Deptt. of Town & Country Planning to explore the possibility of shifting the industry from non- designated area to designated areas	i) No progress submitted i) PSIEC to update the status.	Non-Starter
CRD 4	Creation of green buffers along the road side	i) 1325 (67%) no. of trees and shrubs has been planted out of total 1975. ii) Progress is slow in Derabassi	Satisfactory
CRD 7	Existing roads requiring re-carpeting	i) 5.5 (17%) Km road length re-carpeted out of the total 31.9Km. ii) No progress by Amritsar, Naya Nangal and DeraBassi cities.	Extremely Slow

Nodal officer (Executive Engineer), PSIEC to present the status of above activities.

Item No. 10**Review of Progress w.r.t the activities pertaining to DIC**

Progress up to the month of August, 2019 w.r.t activities pertaining to DIC is given at **Annexure-8**. The highlights of the same are given below:

Activity No.	Activity/ Decisions	Progress as on August, 2019/ Observations	Remarks of DECC
CIE 2	<p>Creation of Infrastructure for CNG Pipeline</p> <p>Review of decision taken in the last AQMC</p> <p>Action regarding roll out plans and coordination on behalf of the State Government is done by the Department of Industries. Thus, DIC to expedite implementation of laying of CNG pipelines and other related infrastructure in major cities like Mandi Gobindgarh, Khanna, Ludhiana, Jalandhar and Amritsar</p>	<p>i) 2298.46 Km (4%) of pipeline laid.</p> <p>ii) No progress by Khanna, Hoshiarpur and Gurdaspur and Patiala</p>	Extremely Slow

Item No. 11 Review of Progress w.r.t the activities pertaining to Department of Food and Civil Supplies

No progress received for the month of August, 2019. However, the progress up to the month of July, 2019 w.r.t activities pertaining to Department of Food and Civil Supplies is given at **Annexure-9**. The highlights of the same are given below:

Activity No.	Activity/ Decisions	Progress as on July, 2019/ Observations	Remarks of DECC
CVE 5	Check fuel adulteration	227 inspections carried out to check fuel adulteration and no violation was observed.	Slow

CVE 11	Infrastructure development for CNG filling stations	1 (50%) new CNG station and 4 (19%) existing petrol pumps upgraded to CNG filling station.	Slow
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Nodal officer (Additional Director), Department of Food and Civil Supplies to present the status of above activities.

Any other item with the approval of the Chair
