

Agenda

**11th Meeting of State Apex Committee to review progress of
Implementation of various Environment Protection Action Plans**



**Date: 22.01.2021 at 11:00 A.M.
(Through Video Conferencing)**

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

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Agenda No. 11.1 Leave of Absence

1. The following Officers have been invited to attend the meeting:
 - (i) The Administrative Secretary
Department of Local Government
 - (ii) The Administrative Secretary
Department of Rural Development & Panchayats
 - (iii) The Administrative Secretary
Department of Industries & Commerce
 - (iv) The Administrative Secretary
Department of Transport
 - (v) The Administrative Secretary
Department of Housing and Urban Development
 - (vi) The Administrative Secretary
Department of Water Supply & Sanitation
 - (vii) The Municipal Commissioner,
Ludhiana
 - (viii) The Municipal Commissioner,
Jalandhar
 - (ix) The Additional Director General of Police (Traffic)
Police Department
 - (x) The Chairman
Punjab Pollution Control Board, Patiala
2. Leave of absence may be granted to the members who could not attend the meeting.

Agenda No. 11.2 Confirmation of the Proceedings of the 10th Meeting held on 03.09.2020

1. The minutes of the 10th meeting to review progress on Environment Protection Action Plans held on 03.09.2020 at 11.00 AM in compliance of various NGT Orders have been circulated to all the members vide letter no. DECC/Sep/2020/271-278 dated 09.09.2020.
2. The minutes may accordingly be confirmed.

Agenda No. 11.3 Review of Progress of Action Plans

I. Action Plan for Clean Rivers

a) Status of Existing Sewage Treatment Plants (STPs)

(i). High rate of Non-Compliance of STPs observed:

- Ist quarter-31%
- IInd quarter-32%
- IIIrd Quarter-36%

(ii). Main reasons identified for Non-Compliance:

- 43 % of the STPs failed only due to F.Coli
- 26% of STPs failed based on MBBR & SBR technologies
- 31% of STPs failed based on UASB & WSP technologies

(iii). Non-Compliance can be reduced, by improving chlorination, & with proper Operation & Maintenance of STPs based on latest technologies (SBR/MBBR).

(iv). Committee may accordingly review the matter.

b) Status of Proposed STPs

(i). NGT vide order dated 21.05.20 in O.A 593/2017 directed to ensure 100% treatment of sewage at least in-situ treatment of drains and commencement of setting up STPs by 30.06.2020, failing which the concerned departments of the States will be liable to pay compensation @Rs. 5.0 Lacs per month per drain for default in in-situ remediation and Rs. 5.0 lacs per STP for default in commencement of setting up of STP. Further, all steps of action plans including of setting up of STPs and their commissioning shall be completed by 30.06.21. In case of default, compensation @Rs. 10.0 Lacs per month per STP would be liable to be paid.

(ii). In-situ remediation of Bhulana drain by installing bioremediation, phyto-remediation enhanced by Nano Bubble Technology on pilot basis is under progress, & in-situ remediation of Sirhind Choe carrying wastewater of Bhadson town completed. The performance evaluation of these drains is under process.

(iii). The status for setting up of new STPs is as under:

Description	DPR Stage	Tender Stage	Under Construction	Completed
River Towns (75 New STPs- 632 MLD)	16 STPs (62 MLD)	27 STPs (83 MLD)	32 STPs (487 MLD)	-
Rehabilitation of Existing STPs (13 STPs- 424.5 MLD)	6 STPs (18.6 MLD)	3 STPs (17.9 MLD)	3 STPs (363 MLD)	1 STP (25 MLD)
Non-River Towns (57 STPs -278.55 MLD)	33 STPs (91.5 MLD)	11 STPs (34.25 MLD)	13 STPs (152.8 MLD)	-

Category	No. of STPs & Capacity	Revised Timelines
River Towns	75 New STPs (632 MLD)	- 8 STPs (60.30 MLD) by 31.03.21 - 17 STPs (71.70 MLD) by 31.03.22 - 37 STPs (460 MLD) by 31.03.23 - 13 STPs (40 MLD) by 31.12.23
	13 exiting STPs under upgradation (423.5 MLD)	- 3 STPs (17.90 MLD) by 31.03.21 - 2 STPs (263 MLD) by 31.03.22 - 1 STP (100 MLD) by 31.03.23 - 6 STPs (18.6 MLD) by 31.12.23 - 1 STP of 25 MLD completed
Non-River Towns	57 New STPs (278.55 MLD)	- 6 STPs (69.25 MLD) by 31.03.21 - 1 STP (4 MLD) by 31.03.22 - 15 STPs (106 MLD) by 31.03.23 - 35 STPs (99.30 MLD) by 31.12.23

(i). The Committee may accordingly review the matter.

c) Status of Existing and Proposed CETPs

- (i). Out of 4 Existing CETPs, CETP of 15 MLD capacity for textile dyeing units at Ludhiana consistently found Non-Compliant since its commissioning from May,20.
- (ii). Out of 2 new CETPs of 40 & 50 MLD, 40 MLD CETP is under trial run & 50 MLD is likely to be installed by Feb,2021.
- (iii). PPCB is yet to provide the timelines for up-gradation of 5 MLD CETP for Leather Complex, Jalandhar.
- (iv). PPCB to update the status.

d) Review of Progress of Action Plan for Rejuvenation of Ponds

- (i). The revised Action Plan for Rejuvenation of Ponds was prepared and submitted to CPCB in compliance of NGT order dated 10.05.2019 in O.A. No. 325/2015.
- (ii). Total 15,466 rural and 249 urban ponds identified by Department of Rural Development & Panchayats (DRDP) and Department of Local Government, respectively for rejuvenation in phased manner.
- (iii). As per the Action Plan, 1290 Village Ponds and 88 Urban Ponds are to be rejuvenated to DRDP & DLG, respectively by 31.03.21.
- (iv). No tangible progress reported, may be due to non-availability of Funds.
- (v). The Committee may review the matter.

e) Review of Progress of Reuse of Treated Wastewater of STPs

- (i). The revised Action Plan for Re-use of Treated wastewater was prepared and submitted to CPCB in compliance of NGT order dated 21.05.2020 in O.A. No. 593/2017 with O.A. No. 148/2016.
- (ii). As per the Action Plan, Department of Soil & Water Conservation to reuse wastewater for irrigation, Department of Local Government to reuse wastewater for Urban Landscaping, Green Belts, construction & PPCB for Industrial use.
- (iii). No tangible progress reported by any of the Departments, may be due to non-availability of Funds.
- (iv). The Committee may review the matter.

II. Action Plan for Waste Management

a) Solid Waste Management

- (i) Hon'ble NGT vide order dated 10.01.2020 & 17.09.2020 in O.A no. 606 of 2018 directed that continued failure of local bodies on the subject of commencing work of remediation of legacy waste sites along with compliance of para 22 of SWM Rules, 2016 will result in liability to pay heavy compensation w.e.f. 01.07.2020 till compliance.
- (ii) The progress of the activities w.r.t. compliance of Rule 22 of SWM Rules, 2016 i.e. Door to Door collection of Municipal Solid Waste and source segregation of waste achieved to the tune of 98% and 84% respectively. Besides these activities, no tangible progress has been achieved.

S. No.	Activity	Unit	Baseline 31.03.19	Target	Timelines given by the Deptt.	Progress (April-Nov.,20)	Progress up to 30.11.20
1*	Setting up of Material Recovery Facilities (MRFs)	No. of MRFs	83	600	31.03.21	223 (37.1%)	235 (39.16%)
2*	Setting up of suitable sites for setting up sanitary landfill facilities (SLFs)	No. of SLF site	Nil	167	31.12.20	3 facilities at MC, Ldh, Lalru & Moonak	5 facilities at MC, Ldh, Lalru, Moonak, Fazilka & Longowal
3*	Setting up of Waste to Energy Facilities	No. of WTE facilities	1	3	31.03.21	1 (33.3%)	1 (33.3%)
4*	Bio-remediation or capping of old and abandoned dump sites	No. of ULBs	initiated in 4 ULBs	167	31.03.23	Initiated work in 29 ULBs	Initiated work in 65 ULBs

* Timeline given by NGT for the activities mentioned under Rule 22 of SWM Rules, 2016 was 01.07.2020.

b) Plastic Waste Management

Notification to frame bye-laws by all ULBs incorporating provision of the Rules is pending since 30.09.2020

III. Action Plan for Clean Air

a) Industries to be converted from Coal to CNG

- (i) 31 industries out of 683 industries converted from Coal to CNG in Mandi Gobindgarh.
- (ii) PPCB reported that 226 units of Mandi Gobindgarh and 89 units of Amritsar will be converted to CNG by 30.06.2021. However, conversion of units in Ludhiana (275) and Khanna (93) could not be completed as work of laying Gas pipe line has been delayed.
- (iii) PPCB to update the status.

b) Creating of infrastructure for CNG Pipeline

- (i) 4057 out of 53648 inch km pipeline laid mostly in Fatehgarh Sahib, Amritsar and Derabassi.
- (ii) Department of Industries was asked to expedite the progress by resolving issues of laying pipeline with vendors and fixing timelines for the same.
- (iii) DIC to update the status.

c) Promotion of E-vehicle

- (i) Department of Transport informed that draft policy of E-vehicle is under consideration of the Government for the last 4 months.
- (ii) Department of Transport to update the latest status.

d) Introduction of CNG based city Bus Service.

- (i) Local Govt. was asked to explore the possibility of introduction of CNG based city Bus Service in Amritsar and Jalandhar city.
- (ii) DLG informed that this activity is not economically viable and requested to remove it from the Action plan.
- (iii) The Committee may accordingly review the matter.

e) Procurement of adequate number of Noise Level Meters (NLMs) for monitoring.

- (i) NGT vide order dated 21.08.2020 in OA No. 681 of 2018 directed to procure Noise Level Meters (NLMs) including applying the compensation regime

prepared by CPCB and file the status of compliance as on 31.12.2020 by 15.01.2021.

- (ii) PPCB and Traffic Police was asked to procure the adequate number of NLMs for monitoring. Traffic police estimated the requirement of 200 Noise Level Meters and proposal of 13.10 crores sent to the State Government to provide the funds.
- (iii) PPCB to update the status regarding filing the status of procurement of NLMs and applying compensation regime to CPCB as decided in the AQMC meeting held on 09.12.2020.

Agenda No. 11.4 Preparation of District Environment Plans in compliance of NGT Order dated 26.09.19

- (i) In compliance to the NGT order dated 26.09.19 in O.A. No. 360/2018, District Environment Plans prepared by 13 Districts (Amritsar, Tarantarn, Ludhiana, SBS Nagar, Hoshiarpur, Patiala, Mansa, Ropar, Barnala, Sangrur, Gurdaspur, Pathankot & SAS Nagar) and are under preparation in remaining 9 Districts.
- (ii) Further, the Hon'ble NGT vide order dated 19.03.2020 in OA no. 360 of 2018 directed CPCB to prepare at least one model District Environment Plan for the State so as to enable the State to replicate the same for other districts. CPCB selected District Sangrur for preparation of "Model District Environment Plan".
- (iii) The requisite information in CPCB format for preparing the District Environment Plan for District Sangrur was submitted to CPCB.
- (iv) The meetings of the District Environment Committees constituted to review the progress of the Action Plan for Clean Air, Clean rivers and Waste Management are not being held on regular basis in most of the Districts except Sangrur & Hoshiarpur. However, districts Bathinda, Ferozepur, Fazilka, and Moga have not conducted meetings since August, 2020.
- (v) The Committee may accordingly review the matter.

Agenda No. 11.5 Submission of Quarterly Progress Report to CPCB in compliance to the NGT order in O.A. no. 606/2018.

- (i) NGT vide order dated 07.03.2019 in Original Application No. 606/2018, titled as "Compliance of Municipal Solid Waste Management Rules, 2016" directed the Chief Secretary to furnish Quarterly Report about the status of various activities.
- (ii) The DECC on behalf of Chief Secretary, Punjab is regularly submitting the Quarterly Progress Reports of the activities of action plan for clean air, clean water and waste management to CPCB as well as NGT. The last quarter report (July to September 2020) was submitted to CPCB on 23.10.2020.
- (iii) The matter is placed before the Committee for information.