

Agenda

**12th Meeting of State Apex Committee to review progress of
Implementation of various Environment Protection Action Plans**



**Date: 16.03.2021 at 4:00 PM
in Committee Room, 6th Floor, Punjab Civil Secretariat-1, Chandigarh**

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

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Agenda No. 12.1 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 Transport
 - (iv) The Chairman
Punjab Pollution Control Board, Patiala
 - (v) The Chief Conservation of Soils
Department of Soil & Water Conservation
2. Leave of absence may be granted to the members who could not attend the meeting.

Agenda No. 12.2 Confirmation of the Proceedings of the 11th Meeting held on 25.01.2021

1. The minutes of the 11th meeting to review progress on Environment Protection Action Plans held on 25.01.2021 at 11.30 AM in compliance of various NGT Orders have been circulated to all the members vide letter no. DECC/ 2021/787-796 dated 03.02.2021.
2. The minutes may accordingly be confirmed.

Agenda No. 12.3 Review of Progress of Action Plans

I. Action Plan for Clean Rivers

a. Compliance of various NGT Orders

- (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). NGT vide order dated 22.01.2021 in O.A. No. 916/2018 titled, “ Sobha Singh & Ors. V/s. State of Punjab” while dealing with River Sutlej constituted a Monitoring Committee to oversee preparation & execution of Action Plans. The NGT in the said order directed that the ownership of the issue may now be taken over by the Chief Secretary, Punjab and personally monitor progress of compliance at least once in a month.
- (iii). NGT vide order dated 22.02.2021 in O.A. No. 593/2017 & 673/2018 directed Chief Secretaries for strict compliance of timelines of commencing of new projects, completing of ongoing projects, failing which the compensation be deposited with MoJS. The Chief Secretaries may personally monitor the progress atleast once every month.
- (iv). In compliance of above said NGT Orders, the Action Plans for 4 polluted stretches of Punjab prepared by DECC, was submitted to CPCB. These Action Plans were approved by CPCB. Further the Action Plan for Reuse of Treated Wastewater of STPs was also submitted to CPCB. The progress of these Action Plans is being regularly monitored by River Rejuvenation Committee & State Apex Committee.
- (v). In compliance of above said NGT Orders, DLG reported that in-situ remediation of Sirhind Choe completed & under progress in Bhulana drain. Depending upon the success, replication in other drains may be taken up. Further, the status for setting up of new STPs is as under:

Description	DPR Stage	Tender Stage	Under Construction	Completed
River Towns (74 New STPs-638.10 MLD)	15 STPs (58.5 MLD)	28 STPs (96.6 MLD)	29 STPs (459 MLD)	2 STPs (24 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)	32 STPs (88.5 MLD)	12 STPs (37.25 MLD)	8 STPs (69.3 MLD)	5 STPs (83.5 MLD)

Category	No. of STPs & Capacity	Revised Timelines
River Towns	74 New STPs (638.10 MLD)	- 7 STPs (58.30 MLD) by 31.03.21 - 18 STPs (73.70 MLD) by 31.03.22 - 37 STPs (470.10 MLD) by 31.03.23 - 12 STPs (36 MLD) by 31.12.23
	13 exiting STPs under upgradation (423.5 MLD)	- 1 STP (25 MLD) completed - 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
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

(vi). DLG to identify the total number of drains requiring in-situ remediation. The compensation for exceeding the NGT timelines for commencement of STPs accrued up to 28.02.2021 has been estimated as 17.20 crores. Further, the compensation @ Rs. 6.4 crores per month will start accruing w.e.f. 01.07.2021 for setting up of STPs beyond NGT timelines.

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

b. Submission of Performance Bank Guarantee of Rs. 5 Crore to CPCB in Compliance of NGT Order

- (i) CPCB vide letter dated 07.8.2020 requested the Chief Secretary for submission of PBG of Rs. 5 Crore in compliance of NGT order dated 08.04.2019 in O.A. No. 673/2018. Further the State Government to authorize the Department for submission of PBG on behalf of State Government.
- (ii) The State Government designated PPCB as the Nodal Agency for submission of PBG.
- (iii) PPCB may present the Status regarding submission of PBG to CPCB.

c. Compliance of NGT Order dated 28.10.2020 in O.A No. 138/2016 w.r.t pollution of River Ghaggar

- (i) NGT vide order dated 28.10.2020 in O.A No. 138/2016 in the matter titled "Stench Grips Mansa's Sacred. Ghaggar River" directed the Chief Secretary to submit status of compliance before 31.01.2021.
- (ii) The compliance of above said NGT orders was submitted to Ministry of Jal Shakti & NGT Executing Committee on 05.01.2021 by DECC.

d. High rate of Non-Compliance of Existing STPs

- (i) The rate of Non-Compliance of STPs monitored during 2020-21 is as under:
 - Ist quarter-31%
 - IInd quarter-32%
 - IIIrd Quarter-36%
 - IVth Quarter (upto Feb,21): 39%
- (ii) Main reasons identified for Non-Compliance (as per Feb, 2021 STP results):
 - 62 % of the STPs failed only due to F.Coli
 - 21 % of STPs failed based on MBBR & SBR technologies
 - 17 % 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 SBR/MBBR technologies.
- (iv) The Central Monitoring Committee, MoJS, GoI during meeting held on 04.03.21 to review the progress of the State of Punjab took serious note for high rate of non-compliance and requested the State to frame the timelines for making these STPs compliant. Further, the Committee asked the State that the parameter of Faecal Coliform (FC) be mandatorily monitored in all the rivers by the Punjab Pollution Control Board.
- (v) In the last meeting held on 25.01.2021, the Committee directed the Department of Local Government and Department of Water Supply and Sanitation to hold a separate meeting to decide upon the transferring of Operation & Maintenance of Muktsar Sahib STPs and other ULBs.

e. 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. PPCB may impose the EC as decided in the last meeting held on 25.01.2021.
- (ii) Out of 2 new CETPs of 40 & 50 MLD, 40 MLD CETP is under hydraulic testing & 88% work completed for 50 MLD. CETPs are targeted to be installed by 31.03.2021.
- (iii) SSTE has taken a separate meeting with PPCB, DC Jalandhar on 24.02.2021 for fixing the timelines for upgradation of 5 MLD, CETP of Leather Complex, Jalandhar. DC Jalandhar informed that the tender for upgradation of CETP was due to be opened on 09.03.2021. The timelines are to be fixed after opening of tenders.
- (iv) PPCB to update the status.

f. Review of Progress of Action Plan for Rejuvenation of Ponds

- (i) As per the Action Plan, 1290 Village Ponds and 88 Urban Ponds are to be rejuvenated to DRDP & DLG, respectively by 31.03.21.
- (ii) 223 Village Ponds rejuvenated by adopting Seechewal/Haripur Model and the work in 828 village ponds is under progress & likely to be completed by 30.06.2021.
- (iii) DLG and DRDP to update the latest progress.

g. Compliance of NGT Order dated 18.11.2020 in O.A. 325/2015

- (i) NGT vide above said order directed all States to designate Nodal agency for restoration of water bodies.
- (ii) Under oversight of the Chief Secretaries of the States/UTs, the designated nodal agency may:
 - a) Hold its first meeting not later than 31.1.2021 to take stock of the situation and plan further steps, including directions to District Authorities for further course of action upto Panchayat levels and to evolve further monitoring mechanism as well as Grievance Redressal Mechanism GRM).
 - b) Submit periodical reports to the CPCB/Secretary Jal Shakti, Government of India. First such report may be furnished by 28.02.2021.
- (iii) In compliance, State Government designated PPCB as Nodal Agency. PPCB held its first meeting on 27.01.2021.
- (iv) PPCB may present the status regarding submission of report to CPCB/ MoJS by 28.02.2021 in compliance of above NGT order.

h. Compliance of NGT order dated 21.05.2020 in OA no. 593/2017 regarding Reuse of Treated Wastewater of STPs

- (i) In compliance, the revised Action Plan for Re-use of Treated wastewater was submitted to CPCB on 30.06.2020 by DECC.
- (ii) As per the Action Plan, 1519.3 MLD from 187 STPs was to be reused by Department of Soil & Water Conservation by 31.10.25 for irrigation purposes, 52 MLD by Department of Local Government by 31.12.2023, for Urban Landscaping, Green Belts, construction & 1.5 MLD PPCB by 31.03.2022 for Industrial use.
- (iii) 48 projects (246.3 MLD) completed, 3 (18.5 MLD) are under progress for using treated wastewater of STPs for irrigation by Department of Soil & Water Conservation. No progress received from DLG & PPCB.
- (iv) DSWC, DLG & PPCB to update the status.

i. Shifting of Dairies of Tajpur Dairy Complex outside MC limits

- (i) PEDDA has initiated the process of setting up of Biogas CNG Plant at Tajpur Dairy Complex for the management of dairy waste by 31.07.2022. The 2.5 Acre of land has already been transferred to PEDDA & Tripartite Agreement has been signed amongst Municipal Corporation Ludhiana, Tajpur Dairy Owner Association & Punjab Energy Development Agency on 20.12.2019. Further PEDDA has published the EOI for selection of Technology providers.
- (ii) In the mean time it was decided to shift the dairies outside the MC Limits of Ludhiana. The process of identification of sites for shifting of dairies is under process.
- (iii) DLG to present the latest status in this regard.

j. Compliance of NGT Order dated 05.02.2021 in O.A. No. 95/2018

- (i) The NGT vide Order directed the Chief Secretaries in coordination with respective Secretaries, Environment, & Chairman, SPCB to study & address the issues emerging from CPCB report, prepare & execute their respective Action Plans which will include the filling up of all vacant posts, procuring the requisite equipments including commissioning & upgradation of all laboratories under EPA Act,1986. The steps in this regard be initiated & completed as far as possible within 6 months i.e. by 04.08.2021.
- (ii) The SSTE has already taken up the matter with PPCB to ensure the compliance of said orders.
- (iii) PPCB may present the progress.

II. Action Plan for Waste Management

a. NGT order dated 10.01.20 & 17.09.20 in OA no. 606 of 2018 regarding Compliance of Solid Waste Management Rules, 2016

- (i) Hon'ble NGT vide above said order 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 @ Rs. 10.00 Lacs per month per Local Body for population of above 10 lac, Rs. 5.00 Lakhs per month per Local Body for population between 5 -10 lac and Rs. 1.00 lac per month per other Local Body. If the local bodies are unable to bear the financial burden, the liability will be of the State Govt. with liberty to take remedial action against the erring local bodies.
- (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 99.25% and 92% respectively. Besides these activities, the status of the progress of other activities pertaining to compliance under Rule-22 is as under.

S. No.	Activity	Unit	Target	Timelines given by the Deptt.	Progress up to 28.02.21
1*	Setting up of Material Recovery Facilities	No. of MRFs	305	31.03.21	249 (81.6%)
2*	Setting up of Aerobic Composting pits	No. of compost pits	8753	31.03.21	7729 (88.3%)
3*	Setting up of sanitary landfill facilities.	No. of SLF site	135	31.03.22	9 (6%)
4*	Setting up of Waste to Energy Facilities	No. of WTE facilities	3	31.03.21	1 (33.3%)
5*	Bio-remediation of old and abandoned dump sites	No. of ULBs	143	31.03.23	Initiated work in 81 ULBs
6*	Setting up of Processing / Recycling facility for Construction and Demolition Waste	No. of facilities	135	30.09.22	76 (56.29%)

* Timeline given by NGT for the activities mentioned under Rule 22 of SWM Rules, 2016 was 30.06.2020.

- (iii) The committee in the last meeting held on 25.01.2021 directed Department of Local Government to make substantial progress by 31.03.2021.
- (iv) **The compensation amount for not achieving the NGT timelines has been estimated as Rs 15 crores up to 28.02.2020.**

b. Plastic Waste Management

- (i) The committee in the last meeting held on 25.01.2021 directed Department of Local Government to expedite the issuance of the notification to frame bye-laws by all ULBs incorporating provision of the Rules.
- (ii) Department of Local Government to present the latest progress.

c. Biomedical and Hazardous Waste Management

S. No.	Activity	Unit	Target	Timelines given by the Deptt.	Progress up to 28.02.21
A	Biomedical Waste Management				
1	Authorization of HCFs	No. of HCFs	13690	Regular Activity	10236 (74.7%)

S. No.	Activity	Unit	Target	Timelines given by the Deptt.	Progress up to 28.02.21
A Biomedical Waste Management					
2.	Installation of ETPs by Govt. HCFs	No. of HCFs	221	30.06.2021	36 (Funds tied up for 63 HCFs only)
B Hazardous Waste Management					
3	Authorization of hazardous waste generating units.	No of Units	3463	Regular Activity	3296 (95.1%)

III. Action Plan for Clean Air

a. Industries to be converted from Coal to CNG

- (i) PPCB in the last meeting of SAC held on 25.01.2021 reported that 226 units of Mandi Gobindgarh and 89 units of Amritsar will be converted to CNG by 30.06.2021.
- (ii) 36 industries out of 683 industries converted from Coal to CNG in Mandi Gobindgarh by 28.02.2021.
- (iii) PPCB to update the status and submit the revised timelines.

b. Promotion of E-vehicle

- (i) Department of Transport informed in the last SAC meeting held on 25.01.2021 that draft E-vehicle policy will be notified by 31.01.2021.
- (ii) Department of Transport to update the status.

c. Compliance of NGT order dated 21.08.20 O.A No. 681/2018

- (i) NGT vide above order directed all States to procure Noise Level Meters (NLMs), installation of Noise limiters including applying the compensation regime for violation of Noise Pollution and file their status of compliance as on 31.12.2020 by 15.01.2021 to CPCB.
- (ii) The Committee in the last meeting held on 25.01.2021 directed Department of Transport and PPCB to procure the adequate number of NLMs by 31.03.21.
- (iii) Further, committee directed PPCB to file the compliance regarding applying compensation regime for Noise Pollution Control to CPCB by 31.01.21.
- (iv) Department of Transport and PPCB to update the status.

d. Compliance of NGT order dated 03.12.2020 in O.A No. 283/2020.

- (i) NGT vide above order directed all the Municipal Corporations/ Local Bodies having Air Quality Index (AQI) as “Poor” and above to ensure water sprinkling of roads using STP water and take further steps of planting of grass/shrubs on the sides of pavements/road shoulders to prevent dust emissions, stop burning of biomass/ waste and compliance report in this regard be submitted to CPCB through Secretary Environment by 28.02.21.
- (ii) DECC vide DO dated 15.12.20, 13.01.21, 03.02.21 & 03.03.21 requested Local Government to submit the compliance of said NGT order. Further, DECC requested Local Government to provide the complete information vide letter dated 09.03.2021.
- (iii) Local Government to present the latest progress.

e. Compliance of directions of Commission for Air Quality Management in NCR and adjoining areas regarding submission of Comprehensive Action Plan to eliminate stubble burning in the State of Punjab by 28.02.2021.

- (i) The Comprehensive Action Plan prepared by DECC in consultation with Stakeholder Departments was submitted to the Commission on 08.03.2021.

f. Performance Evaluation Framework of Million Plus Cities for FY 2020-21 under Fifteenth Finance Commission (FC-XV) Grant to State Finance/Local Government Department for implementation of Air Quality Measures.

- (i) Ministry of Finance, GoI vide sanction 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.
- (ii) Now, MoEF&CC being the nodal agency has developed Performance Evaluation Framework to consider the release of 2nd instalment. CPCB will depute committee to assess the performance of the cities. MoEF&CC after due diligence of CPCB report will forward the recommendations to Ministry of Finance for release of 2nd instalment.
- (iii) Further, CPCB released 1st instalment of Rs. 12.48 Crore directly to PPCB under National Clean Air Program (NCAP) for FY (2020-21), Appropriate funds are to be disbursed to Local Bodies by PPCB for creating green buffer zone along roads, procurement of mechanical sweeping machines, capacity building, procurement of CAAQMS, water sprinklers, development of bicycle tracks, etc.
- (iv) Local Government & PPCB may present the status regarding utilization of Rs. 45 crore and Rs. 12.48 crore funds.

g. 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 & PM2.5 and Annual Resources required till 2025 at District Level and the above information be submitted to CPCB by 18.12.2020.
- (ii) PPCB was requested by DECC vide DO letter dated 23.12.20, 03.02.21 & 04.03.21 to submit the requisite information to CPCB.
- (iii) PPCB to present the latest status.

Agenda No. 12.4 NGT order dated 29.01.21 in O.A No. 360/2018 regarding District Environment Plan.

- (i) The Hon'ble NGT vide order dated 29.01.2021 in OA no. 360 of 2018 directed Chief Secretaries of all the States/UTs to oversee and monitor compliance by the concerned District Magistrates for preparing the requisite plans and execute the plans already prepared.
- (ii) CPCB vide letter dated 25.02.2021 requested the State to prepare District Environment Plan for each District and execute these plans locally at district level for protection of Environment and Public Health. It was further requested to intimate the action taken on or before 31.03.2021.
- (iii) In compliance to the above, the District Environment Plans of 12 Districts submitted to CPCB & NGT Monitoring Committee on 12.03.2021. The District Environment Plans for the remaining 10 Districts are near completion and will be submitted well before 31.03.21.
- (iv) The matter is placed before the Committee for information.

Agenda No. 12.5 Compliance of NGT Order dated 14.12.20 in O.A no 606/2018

- (i) NGT vide order dated 14.12.2020 in O.A. 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 of Action Plans to CPCB.
- (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 (October to December 2020) was submitted to CPCB on 28.01.2021.
- (iii) The matter is placed before the committee for information.

Agenda No. 12.6 Compliance of NGT order in O.A No. 804/2017

- (i) The NGT vide order dated 12.04.2019 in O.A No. 804 of 2017 directed the Chief Secretaries to monitor the compliance of various recommendations issued by the Monitoring Committee constituted by CPCB w.r.t Hazardous Wastes Management Rules, 2016. Further, NGT vide order dated 26.08.2019 directed to submit biannually compliance report to CPCB.
- (ii) DECC in compliance to above directions, submitted the report to CPCB on 13.03.2020. Besides above, the action plan for Hazardous Waste Management also revised, as desired by CPCB.
- (iii) The NGT vide order dated 07.07.2020 in the said matter directed all the States to comply with recommendations made by CPCB and furnish their compliance report by 31.10.2020. The Chief Secretaries of the States at the State level and MoEF & CC & CPCB at the national level may monitor the compliance.
- (iv) DECC vide letter dated 26.11.20 submitted the biannual report to CPCB in their prescribed format.
- (v) The matter is placed before the Committee for information.