

Subject: Proceedings of the District Environment Committee (DEC) meeting of District Mansa held under the Chairmanship of Additional Deputy Commissioner (G), Mansa on 29.11.2023 at 11:00 AM at District Administrative Complex, Mansa.

At the outset of the Meeting, the Asstt. Environmental Engineer, Punjab Pollution Control Board, Regional Office, Bathinda welcomed the Chairperson of the meeting, Additional Deputy Commissioner(G), Mansa, and other members of the District Environment Committee. Thereafter, it was informed that earlier the Hon'ble NGT had constituted a Monitoring Committee under the Chairmanship of Justice Jasbir Singh (Rtd.), Punjab & Haryana High Court to monitor the progress of various activities of the Action Plan from time to time. The said monitoring committee has now been dissolved by the Hon'ble NGT and the concerned Divisional Commissioner of the area has been appointed to review the progress of activities of the District Environment Plan by taking a meeting after every two months. The last meeting was held on 20.09.2023.

The list of Officials attended the meeting is enclosed as Annexure-1.

On the outset of meeting, the Asstt. Environmental Engineer, Punjab Pollution Control Board, Regional Office, Bathinda briefed about the progress of activities made by the different departments w.r.t the decisions of the previous meeting and timelines given in the District Environment Plan of District Mansa.

The various issues discussed in the meeting are as under: -

2. Compliance of Municipal Solid Waste Rules, 2016

2.1 Segregation of Solid Waste:

The progress regarding the segregation of solid waste by the ULBs was discussed in detail and as per the progress submitted by the MCs, the segregation of solid waste is as under: -

MC Mansa-90%, MC Budhlada-94%, NP Joga-100%, NP Boha-90%, NP Sardulgarh-95%, NP Bhikhi-94%, NP Bareta-100%. Further, as reported by BDPO the waste collection is yet to be started in villages.

Decision: The Chairperson directed the EOs to cross-check the report submitted as there's a gap found between reported results & on-site condition during visits carried out by PPCB at MC Mansa which is a serious concern and MRF Sheds/composting pits and MC Budhlada composting pits/MRF sheds. The compost pit needs to be maintained dry & wet and solid waste should be collected separately and no unsegregated waste should be allowed to be dumped at legacy waste site. EO shall be responsible for compliance regarding this. Further, BDPO was directed to immediately start solid waste collection and source segregation as per the first phase timeline by 31.12.2023. PPCB was directed to check the MRFs and legacy waste sites of remaining MCs/NPs.

2.2 **Sweeping:**

2.2.1 **Manual Sweeping:**

It was informed by EO's during the meeting that all the MCs have achieved 100% progress of manual sweeping in their respective area of jurisdiction. Further, DDPO has informed that manual sweeping is being done in 214 villages i.e. 87% target has been achieved.

Decision: The Chairperson directed that DDPO and MCs to continue the activity regularly and cover the remaining villages/areas to achieve the implementation of manual sweeping in all villages.

2.3 **Waste Collection:**

The progress regarding the waste collection of solid waste by the ULBs was discussed in detail and as per the progress submitted by the MCs, the waste collection of solid waste is 100% in all the MCs and NPs. Further, BDPO has reported that 2 no. Block level plastic waste collection projects have been taken up at Villages Bajewala (Jhunir) and Makah Chehlan (Bhikhi) and will be completed by 31.12.2023.

Decision: The Chairperson reiterated that 100% source segregation of waste should be ensured and no unsegregated waste should be allowed to be dumped at the legacy waste site. Further, directed BDPO to achieve the first phase of implementation of waste collection from 57 villages by 31.12.2023.

2.4 **Waste Collection: Arrangement for Waste collection of solid waste, Waste Collection Trolleys with separate compartments, Mini Collection Trucks with separate compartments, and Review existing Infrastructure and Bulk Waste Trucks:**

The progress regarding the arrangement for waste collection of solid waste by the ULBs was discussed in detail and as per progress submitted by the MCs, the waste collection of solid waste is as under: -

MC Mansa-7 Tata Ace 3 E-Rickshaw 45 Rickshaw Rehri

MC Budhlada-5 TATA ACE and 15 Rickshaw Rehri 2 Tractor Trollies

NP Joga- 1 Tractor Trolley 1 E-Riksha 9 Rickshaw Rehri

NP Boha-2 Tata Ace, 6 E-Rickshaw, 2 Tractor Trollies

NP Bhikhi-2 Tata Ace 11 Rickshaw Rehri, 2 Tractor Trollies

NP Bareta- 2 Tata Ace, 2 Rickshaw Rehri, 2 Tractor Trollies

NP Sardulgarh-10 Riksha Rehris 1 Tata ace 2 Tractor Trolley

DDPO- 6 vehicles.

Further, it was also informed that 2 no. Block level plastic waste collection projects have been taken up at villages Bajewala and Makha Chehlan for door to door collection of dry waste.

Decision: The Chairperson directed DDPO to immediately implement the waste collection that have been started in 2 villages and also take up remaining 55 villages in order to achieve the first phase of implementation in 57 villages by 31.12.2023.

2.5 Waste Deposition Centre (For domestic Hazardous waste):

The progress regarding the waste deposition centre for domestic waste by the ULBs was discussed and as per the progress submitted by the MCs, the waste collection of solid waste is as under:-

MC Mansa – 5MRF Sheds, MC Budhlada – 1 MRF Sheds, NP Bhikhi – 1 MRF Shed, NP Sardulgarh -1 MRF Shed, NP Bareta - 1 MRF Shed, NP Boha – 1 MRF Shed, NP Joga – 1MRF Shed and DDPO – 20 MRF Sheds have been installed as waste deposition centre for domestic hazardous waste at MRFs.

Decision: The Chairperson directed DDPO to provide waste deposition centre in the MRFs being constructed in each village to achieve the first phase of implementation in 57 villages by 31.12.2023.

2.6 Waste Transfer Points:

It was informed by EOs during the meeting that all the MCs have removed waste transfer points and the waste is being lifted from the source directly upto the MRF and waste disposal point. Further, EO Mansa informed that 2 no of CCTV Cameras have been installed and 2 more will be installed at GVPs.

Decision: The Chairperson noted the compliance and directed that MC Mansa and MC Budhlada shall ensure to install night vision CCTV cameras at Garbage vulnerable points and boards shall also be installed at all such locations regarding imposition of fines for littering of solid waste.

2.7 Wet-waste management: On-site composting by bulk waste generators (BWGs)

The progress regarding bulk waste generators by the ULBs was discussed in detail and as per the progress submitted by the MCs, the detail is as under:- MC Mansa-6, MC Budhlada-4, NP Sardulgarh-2, NP Bhikhi-4, NP Bareta-4, NP Joga-0, NP Boha-0. Further, all BWGs are managing the wet waste in their own premises. However, dry waste is being lifted by respective MC/ NP.

Decision: The Chairperson directed EOs to identify the wet waste management process followed by Dhaba & Palaces. Further, the chairperson directed BDPO to identify Bulk Waste generators in their respective areas outside the MC limits. Further, PPCB official was directed to inspect some bulk waste generators w.r.t. composting of wet waste.

2.8 Wet Waste Management: Composting of Wet Waste:

It was informed by EOs during the meeting that all the MCs have provided an adequate number of compost pits for the disposal of wet waste. Further, as per the progress submitted by the MCs, the detail of the compost pits is as under:-

MC Mansa – 125 Pits (out of which 45 pits are under repair)

MC Budhlada – 30 Pits

NP Bareta – 26 Pits

NP Bhikhi - 22 Pits

NP Sardulgarh - 29 Pits

NP Boha - 26 Pits

NP Joga - 24 Pits.

Further, BDPO has informed that 70 no. compost pits have been constructed whereas only 4 compost pits are functional. Further, PPCB in compliance with the previous meeting decision has also visited the compost pits of MC Mansa and MC Budhlada and observed that wet waste is not being disposed of into the compost pits and most of them were found non-functional.

Decision: The Chairperson took a serious view of the non-functional compost pits which thereby led to wet waste disposal onto the legacy waste sites and directed that separate letter be issued to EOs for ensuring that the entire wet waste is disposed of into the compost pits and a proper record of manure generated is to be maintained. Further, the chairperson directed that BDPO shall immediately share the details of the whereabouts of the 70 compost pits constructed.

2.9 **Dry Waste Management: Material Recovery Facilities (MRFs)**

It was informed by EOs during the meeting that all the MCs have provided an adequate number of material recovery facilities (MRF) for the management of dry waste. Further, as reported by BDPO that they have already provided MRFs in 20 villages and the waste collection will be started in the remaining 37 MRFs.

Decision: The Chairperson directed BDPO that MRFs be constructed in the remaining villages also and submit the progress in the next District environment committee meeting.

2.10 **Disposal of inert and non-recyclable wastes: Sanitary landfill site:**

It was informed by EO's during the meeting that all the MCs have identified sanitary landfill site, however Mansa, Bhikhi, Sardulgarh and Joga have not developed the sanitary land fill site. Further, the detailed action on going is as under:-

MC Mansa - The SLF will be provided after remediation of Dera Bhai Gurdas legacy waste site by 31.03.2024

NP Sardulgarh - The tenders for SLF will be floated by 31.01.2024 and the work would be completed by 31.03.2024.

NP Bhikhi - EOs informed that the funds have been sought from the Govt. vide letter no. 337 dt. 02.02.2023.

NP Joga - Work under progress

Decision: The Chairperson directed EOs of NP Bhikhi and NP Joga to take concrete step to develop the sanitary landfill site within the agreed timeline and follow up in getting the funds required for developing SLF and also directed BDPO to identify sanitary landfill site in each block and develop the

sanitary land fill site so as to achieve the first phase of implementation by 31.03.2024.

2.11 Remediation of historic / legacy dump site:

The progress regarding remediation of legacy waste by the ULBs was discussed in detail and as per progress submitted by the MCs, the detail is as under:-

MC Mansa- Under process and will be completed upto 31.03.2024

MC Budhlada- 91% Remediated, Pending (4680MT)

NP Sardulgarh- Under process and will be completed upto 31.01.2024

NP Bhikhi- Remediated-100%

NP Bareta- Remediated-100%

NP Joga- Remediated-100%

NP Boha- Remediated-100%

Further, the legacy waste site of MC Budhlada and MC Mansa was also visited by AEE PPCB and it was observed that the remediation work was not going on at MC Budhlada and the mechanical separator for remediation has been installed. Further, at MC Mansa, the remediation work was under progress. In compliance, EO Budhlada informed that the remediation work was started thereafter and 91% waste have been remediated and 4680MT is pending which would be completed by 31.03.2024. Further, no fresh waste is reaching the legacy waste site and the entire fresh waste is being disposed off at the MRF site.

Decision: The Chairperson directed the concerned ULBs to remediate the remaining legacy waste as per DEP timelines before 31.03.2024 and submit the progress in the next monthly meeting.

2.12 Providing compartments and GPS tracking in garbage carrying vehicles:

The progress regarding GPS tracking in garbage carrying vehicles as per progress submitted by the MCs, the detail is as under:-

MC Mansa- Total vehicles-20, With GPS system in working condition -0

MC Budhlada- Total vehicles-9, With GPS system in working condition -0

NP Sardulgarh- Total vehicles-3, With GPS system in working condition -2

NP Bhikhi- Total vehicles-5, With GPS system-3 informed by EOs during the DEP meeting

NP Bareta- Total vehicles-5, With GPS system in working condition -0

NP Joga- Total vehicles-11, With GPS system-3 informed by EOs during the DEP meeting

NP Boha- Total vehicles-11, With GPS system in working condition -0.

Decision: The Chairperson took a serious view of non availability of the GPS on garbage collecting vehicles and directed that all the MCs shall install GPS within 15 days. Further, chairperson directed all the EOs to submit the written report of gap/miss matching found w.r.t. actual situation. A

separate letter be issued for ensuring that all garbage collection vehicles have working GPS system

2.13 Installation of CCTV cameras and Piezo-meter and boundary wall at solid waste dumping site:

It was informed by EO's during the meeting that all MCs have installed CCTV cameras and piezo-meters at the dump sites. Further, AEE PPCB has visited the legacy waste site near Dera Bhai Gurdas and it was informed that there is no boundary wall to it and the legacy waste often gets littered onto the roads creating a very foul environment of the entire area.

Decision: The Chairperson took a serious view on boundary wall not being constructed yet and directed to seek explanation of concerned EO for this incompetence. Further, the chairperson directed EOs to provide details regarding construction of Boundary wall along with its timeline for the completion of work.

2.14 Carcass should be utilized by adopting rendering process or incineration and priority may be given to carcass utilization plants:

It was informed by EO's during the meeting that the Municipal Council Budhlada has sent the DPR to Govt. for establishing the carcass utilization plant of 1.20 Cr for Carcass management of District Mansa. After the project is passed, the action will be started as per the instructions of the government. Further, DDPO has informed that there 191 no. Hadda Rories, out of which boundary wall has been provided in 48 no. Hadda Rories and Plantation work in 37 no. Hadda Rories is under progress.

Decision: The Chairperson directed to issue a letter to DDPO for not achieving the target within the given timelines and to construct the boundary wall around all the Hadda Rories by 31.12.2023.

2.15 Management of wastewater and solid waste by the unauthorized colonies / residential complexes / commercial complexes developed by Private Colonizers.

It was informed by EOs during the meeting that every unauthorized colony has laid its own sewerage network. Further, Executive Engineer PWSSB informed that sewerage connections are being permitted to individual homeowners by their department.

Decision: The Chairperson noted the status and directed EOs to ensure and submit the written report that the disposal of all such colonies (105 within MC limit) is connected with the terminal sewerage network in coordination with Executive Engineer PWSSB by 31.12.2023.

3.0 Plastic Waste Management:

It was informed by the EOs that regular checking and challan are being issued and public is being awarded for not using plastic carry bags and disposable items. However, none of MC has provided details regarding

challan issued or inspection carried out in past two months.

Decision: The Chairperson directed all the MCs to carry out campaign and issue challan on the violators of single use plastic and submit the progress report within 15 days.

4.0 **C&D Waste Management:**

It was informed by EOs that facilities to manage C&D waste have been provided whose details is as under:-

MC Mansa: 1 No. recycling facility
MC Budhlada: 1 No. Grinder provided
NP Baretta: 1 No. Grinder provided
NP Bhikhi: 1 No. recycling facility
NP Sardulgarh: 1 No. Grinder provided
NP Joga: 1 No. recycling facility
NP Boha: 1 No. recycling facility

Decision: The Chairperson directed all the ULB's to comply with the provisions of C&D Rules, 2016 and directed DDPO to set up at Block level C&D facility by 30.06.2024. Further, the chairperson directed MCs to utilize the C&D waste in road Patch works.

5.0 **Bio-Medical Waste Management:**

5.1 **Inventory and identification of Health Care Facilities:**

Asstt. Environmental Engineer, PPCB informed that this is a regular activity and proper inventory of identified HCFs has been prepared. He further informed that there are total 329 HCFs in District Mansa and 307 HCFs have obtained authorization under Bio-Medical Waste Management Rules, 2016 and show cause notices have been issued to remaining 22 HCFs which have not obtained authorization from the Board.

Decision: The Chairperson noted the status.

5.2 **Wastewater Treatment Plant:**

The Asstt. Environmental Engineer, PPCB informed that all the Govt. establishments (HCFs) with more than 30 beds have provided ETPs. There are 4 no. HCFs of more than 30 no. bed capacity and all these have installed ETPs. Further, in compliance of decision of previous meeting, HCF's are being regularly visited w.r.t. BMW rules and ETP operational compliance.

Decision: The Chairperson noted the status.

6.0 **Hazardous Waste Management:**

The Asstt. Environmental Engineer, Punjab Pollution Control Board informed that there are total 06 no. hazardous waste generating industries in District Mansa out of which 05 no. units have valid authorization of the Board. The notice has been issued to the industry for renewal of authorization.

Decision: The Chairperson noted the compliance.

7.0 E-Waste Management:

7.1 Inventory of E-Waste generators / Bulk waste generators of e-waste:

It was informed by EOs that the E-waste generated is being stored at MRF sheds.

Decision: The Chairperson directed that MCs shall also identify all the e-waste generators from the unorganized sector and submit the detailed report and also take up the matter regarding lifting of entire E-waste stored by authorized recyclers.

8.0 Air Quality Management:

8.1 Awareness on Ambient air quality data:

The Asstt. Environmental Engineer, Punjab Pollution Control Board informed that a manual ambient air quality monitoring station has been installed in Mansa city. The data of same is in public domain at Board's Website and the data is in the satisfactory range.

Decision: The Chairperson noted the compliance.

8.2 Management of agricultural waste / residue to control air pollution:

It was informed during the meeting that the deptt. of agriculture has prepared the detailed micro level District Action Plan for District Mansa to manage paddy straw and minimize the incident of crop residue fire. Further, all the sites reported by PRSC were verified during paddy season 2023.

Decision: The Chairperson noted the compliance.

9.0 Water Quality Management:

9.1 Assistant Environmental Engineer in compliance of the decisions of the previous meeting have informed about the results of the joint monitoring according to which the water quality incoming at Sardulgarh is of Class D. (pH 8.6, DO 6.5mg/l, BOD 6mg/l, f.coli 200 MPN per 100ml, TDS 384 mg/l, COD 22mg/l).

Decision: The Chairperson directed that PPCB shall conduct the samples from two locations i.e. from entry and exit points of Ghaggar River passing through Sardulgarh during next monitoring.

9.2 Sewage Treatment Plants:

The Asstt. Environmental Engineer, Punjab Pollution Control Board informed that there are 07 ULB's in District Mansa, out of which 05 ULBs have provided STPs for treatment of domestic effluent. STP Plant at MC, Boha is under stabilization and will be operational by 31.03.2024. Further, BDPO informed that Thapar model has been adopted for waste water treatment in 39 villages and process has been started by construction of screening chambers in 213 villages. EO Np Joga has informed that the cleaning work has been started and remediation tender has also been called.

Decision: The Chairperson directed EO NP Joga to complete the remediation

work by 31.12.2023 and also initiate the process of identifying the land for STP installation and submit the progress and shall also provide chlorination tanks in WSP treatment plants with immediate effect. Further, Executive Engineer PWSSB was directed to submit the report of delay in centrifuge installation with proper timeline for its completion.

9.2.1 Underground sewerage network:

It was informed by Executive Engineer of PWSSB that Detailed Project Report has been prepared for the laying of sewage network pending in the MC areas. He further asserted that estimates have been sent for approval and timeline extension is required as the project will take minimum 12 months for completion after issuance of tender.

Decision: The Chairperson directed Executive Engineer of PWSSB to ensure the compliance and the progress would be monitored in the next meeting.

9.2.2 Inventory of dairy farms and Gaushalas by MCs

It was informed by EOs that inventories of Dairy farms/Gaushalas has been prepared and proposal to provide septic tank for the sedimentation purpose is being prepared before disposal of waste water from Dairy farms/Gaushalas.

Decision: The Chairperson directed that EOs shall submit the detailed report along with its completion timelines by 31.12.2023.

10.0 Industrial wastewater management:

The Asstt. Environmental Engineer, Punjab Pollution Control Board informed that there are 7 no. industries generating trade effluent. All these industries have installed adequate waste water treatment facilities.

Decision: The Chairperson directed that regular monitoring be done by PPCB and shall carry out joint monitoring of some industries in coordination with the district administration.

10.1 Installation of Electromagnetic flow meters at inlet and outlet of ETP:

Asstt. Environmental Engineer, Punjab Pollution Control Board informed in the meeting that electromagnetic flow meters have been installed at outlet of ETP by all the large scale industries falling in the jurisdiction of District Mansa. However, the small scale water polluting industries have provided mechanical water meter outlet of ETP to measure the quantity of water.

Decision: The Chairperson noted the compliance.

11.0 Noise Pollution Management Plan:

11.1 Availability of sound / noise level meters:

Asstt. Environmental Engineer, Punjab Pollution Control Board informed that Punjab Pollution Control Board has one number noise measuring meter for

measurement of noise level. However, the Police department does not have any noise meter to measure the noise level.

Decision: The Chairperson directed that police department shall purchase noise meter for measurement of noise level by 31.12.2023 and further directed PPCB to ensure the same.

11.2 Sign Boards in Noise Zone:

It was informed during the meeting that all MCs have provided sign boards in all the noise zones.

Decision: The Chairperson directed that concerned EOs shall provide the necessary sign boards at appropriate silence zones as per noise rules.

At the end of the meeting, the Chairperson of the District Environmental Committee directed all the member departments to provide monthly progress report before every DEC meeting and ensure that the decisions taken in this meeting are implemented within the given time frame.

The meeting ended with vote of thanks to the Chair.



Additional Deputy Commissioner (G)
Mansa