

Separate Note

Progress of Plastic Waste Management (PWM) under SBM(G) Phase-II

(Since 2025), Challenges Faced and Way Forward

1. Background

Under Swachh Bharat Mission (Gramin) Phase-II, Plastic Waste Management (PWM) has been taken up as a key component of Solid Waste Management to ensure environmental sustainability in rural areas. Since the year 2020, efforts have been made in the District to establish systems for collection, segregation, storage, and environmentally safe disposal of plastic waste at the Gram Panchayat and Block levels.

2. Progress Achieved Since 2025

- Awareness activities have been conducted across Gram Panchayats for segregation of plastic waste at source and reduction of single-use plastic.
- Plastic waste collection mechanisms have been initiated in several Gram Panchayats through door-to-door collection and community collection points.
- Plastic waste storage facilities/collection sheds have been established in selected blocks.
- Engagement of Swachhagrahis, SHGs, and sanitation workers has been ensured for collection and handling of plastic waste.
- Linkages with authorized recyclers, cement plants, and scrap dealers have been initiated in some blocks for disposal and recycling of collected plastic waste.
- PWM activities have been partially integrated with the Solid Waste Management (SWM) framework under SBM(G) Phase-II.

3. Challenges Faced

- Incomplete saturation of PWM infrastructure in all blocks of the District.
- Limited segregation of plastic waste at source due to behavioral and awareness gaps.
- Logistical challenges in transportation of plastic waste from remote Gram Panchayats to storage or recycling facilities.
- Limited availability of authorized recyclers and formal forward linkages.
- Insufficient dedicated funds for regular operation and maintenance (O&M).
- Need for continuous capacity building, monitoring, and supervision at field level.

4. Way Forward for Saturation of Residual Blocks

- Preparation and implementation of a block-wise action plan to achieve 100% coverage of PWM in all residual blocks.
- Establishment of plastic waste collection, segregation, and storage facilities in every Gram Panchayat.

- Strengthening door-to-door collection and segregation at source through IEC/BCC activities.
- Active involvement of Gram Panchayats, SHGs, and Swachhagrahis for sustainable implementation.
- Promotion of single-use plastic free villages through community resolutions and incentives.

5. Forward Linkages

- Establishment of district-level and block-level forward linkages with authorized recyclers, cement plants (for co-processing), and registered scrap dealers.
- Execution of MoUs/agreements to ensure regular lifting and disposal of plastic waste.
- Exploring revenue generation through sale of recyclable plastic waste to support sustainability.
- Strengthening reporting and tracking mechanisms for plastic waste generation and disposal.

6. Operation and Maintenance (O&M) Arrangement

- Clearly defined roles and responsibilities for operation and maintenance at Gram Panchayat and Block levels.
- Utilization of SBM(G) funds, Panchayat own resources, and convergence with other schemes for meeting O&M expenses.
- Engagement of Swachhagrahis/SHGs for day-to-day operation, cleanliness, and upkeep of PWM facilities.
- Regular monitoring, inspection, and review by Block and District level officials.
- Capacity building and refresher training of field functionaries to ensure long-term functionality.

7. Conclusion

With focused implementation of the above measures, the District aims to achieve complete saturation of Plastic Waste Management across all blocks, ensure effective forward linkages, and establish a sustainable O&M mechanism, thereby contributing to environmental protection and the overall objectives of Swachh Bharat Mission (Gramin) Phase-II.



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