

Separate Note

Progress of Grey Water Management (GWM) under SBM(G) Phase-II

(Since 2020), Challenges Faced and Way Forward

1. Background

Under Swachh Bharat Mission (Gramin) Phase-II, Grey Water Management (GWM) is a key component of Liquid Waste Management aimed at safe collection, treatment and reuse/disposal of household wastewater generated from kitchens, bathrooms and handpumps. Since 2020, the District has undertaken various initiatives to establish decentralized and sustainable GWM systems at village level to support ODF Plus sustainability.

2. Progress Achieved Since 2020

- Baseline assessment of grey water generation and existing drainage systems in villages.
- Implementation of village-level GWM interventions such as soak pits, leach pits, kitchen gardens, drainage with treatment units and community soakage systems.
- Integration of GWM works with Individual Household Toilets (IHHLs), CSCs and Solid Waste Management activities.
- Construction of GWM assets in several Gram Panchayats using SBM(G) Phase-II funds and convergence with other schemes.
- Capacity building of Gram Panchayat functionaries and awareness generation among households on safe disposal and reuse of grey water.

3. Challenges Faced

- Incomplete coverage of GWM infrastructure in all villages, particularly in residual and remote habitations.
- Improper household-level connections to soak pits/drainage systems leading to stagnation of grey water.
- Limited technical understanding at field level for design, execution and maintenance of GWM structures.
- Encroachment, siltation and poor upkeep of open drains and soakage systems.
- Inadequate and irregular Operation & Maintenance (O&M) arrangements at Gram Panchayat level.

4. Way Forward for Sustainability and Saturation of Residual Villages

- Preparation of village-wise and block-wise GWM saturation plans to cover all residual villages.
- Adoption of technically suitable, low-cost and decentralized GWM models as per site conditions.
- Ensuring 100% household connectivity to drainage/soakage systems to prevent open discharge.
- Convergence with MGNREGS, 15th Finance Commission grants and other schemes for infrastructure creation.
- Strengthening IEC/BCC activities to promote community ownership and behavior change for proper use of GWM assets.

5. Operation and Maintenance (O&M) Arrangements

- Responsibility of routine operation and maintenance to be vested with Gram Panchayats through defined roles.
- Engagement of sanitation workers/SHGs for regular cleaning, desilting and minor repairs of drains and soak pits.
- O&M expenditure to be met through SBM(G) Phase-II funds, Gram Panchayat own resources and convergence funds.

- Regular monitoring, inspection and reporting by Block and District level officials.
- Periodic training and handholding support to ensure long-term functionality of GWM systems.

6. Conclusion

With focused implementation of GWM interventions, strengthened O&M systems and active community participation, the District aims to achieve complete saturation of Grey Water Management in all villages, ensure environmental sustainability and maintain ODF Plus status under SBM(G) Phase-II.



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