



# Explainer on Waste Segregation Policies in Delhi

## Waste Segregation Authorities in Delhi

The waste management system in Delhi is the responsibility of five Municipal Authorities, namely the North Delhi Municipal Corporation, South Delhi Municipal Corporation, East Delhi Municipal Corporation, New Delhi Municipal Corporation, and the Delhi Cantonment Board. Entrusted with the primary responsibility, the Urban Development Department and Urban Local Bodies had been notified of the revised Solid Waste Management Rules 2016 by the Government of India. Delhi has three landfill sites that operate beyond their capacity: Bhalswa, Ghazipur, and Okhla landfill sites. Another integrated MSW management plant has been developed at Narela-Bawana in North Delhi.



## Relevant Waste Management Policies

The Environment (Protection) Act, 1986, provides for protecting and improving the environment and matters connected.

Framed under this Act and conferred under Rule 11 of Solid Waste Management Rules 2016, which provides specifications relating to the collection, segregation, storage, transportation, processing, and disposal of municipal solid waste (MSW), the Principal Secretary of the Urban Development Department of Delhi made the State Policy and Solid Waste Management Strategy for Delhi.

## Relevant Waste Management Policies

Aiming to achieve 100 percent door-to-door collection, efficient and safe handling, and transportation to the waste processing plants, these policies seek to fulfill environmental outcomes by adopting appropriate measures.



### SWM Rules, 2016

- Waste is to be segregated by waste generators into three fractions as per the three-bin system: Wet (green container), dry (blue container), and domestic hazardous waste (black container).
- Construction, demolition waste, and sanitary waste should be stored and collected separately.
- The wet fraction should preferably be used for composting; the dry waste should be sent for recycling.

### Did You Know?

- Sanitary waste should be wrapped securely, marked and handed over separately to the waste collectors.
- The domestic hazardous waste should be collected individually and deposited at the collection centers designated by each Municipal Corporation.



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## Rules for Transportation & Disposal of Waste

As per the 2016 SWM Rules:

- A well-synchronized primary and secondary collection and transportation system with route mapping is essential to avoid container overflow and waste littering on streets.
- The vehicles used should be able to transport segregated waste and be compatible with the equipment design at the waste storage depot to avoid multiple handling of the garbage.



## Rules for Transportation & Disposal of Waste

SWM Rules continued:

- Waste should be handled mechanically across the MSW value chain with minimum human contact. We should adopt modernized fleet management services with a covered transportation system including compactors and mobile transfer stations to transport the waste.
- We should undertake the training of informal sector waste pickers and waste collectors to enable them to use such modernized fleet management services.



## A Huge Challenge

Apart from the unavailability of land for waste disposal, a multiplicity of Centre and State authorities, both responsible for different aspects of waste management in Delhi, leads to a massive power struggle between the two resulting in a lack of effective implementation to address the issue.



### Important Information

While some citizens are aware of the problem of waste and know about the importance of segregating, the fact that dumping ground waste might be remixed and dumped improperly makes their efforts futile. It discourages people from carrying out waste segregation at the source.

### Did You Know?

Interventions like 'Model Wards' are difficult to achieve without involving the community and raising awareness of the importance of segregation of waste at source.

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