

## Sewage Disposal System

Ref:-**MITSD/****Admin/2025/01**

**2025**

**Date-28-06-**

A sewage disposal system is a setup used to collect, transport, treat, and dispose of wastewater generated from households, industries, and commercial areas. Its main purpose is to protect public health and the environment by removing contaminants from wastewater before releasing it back into natural water bodies or reusing it.

### Components of a Sewage Disposal System

#### 1. Collection System

- A network of underground pipes, drains, and sewers that carry wastewater from its source to a treatment facility.

#### 2. Treatment Plant

- Primary Treatment: Removes large solids through screening and sedimentation.
- Secondary Treatment: Uses biological processes to break down organic matter.
- Tertiary Treatment: Advanced treatment to remove nutrients, pathogens, and chemicals (if needed).

#### 3. Sludge Management

- The solid waste collected during treatment is processed, dried, or digested and then disposed of or reused.

#### 4. Final Disposal / Discharge

- Treated water is discharged into rivers, lakes, oceans, or used for irrigation, landscaping, or industrial processes.

### Importance of Sewage Disposal Systems

- Prevents water pollution
- Protects public health
- Reduces the spread of diseases
- Maintains environmental balance
- Supports sustainable urban development

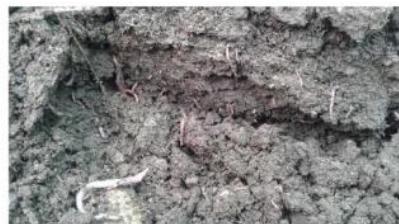


### 1. Solid waste management

Waste segregation is happened on daily basis like listed below



Collected through  
different bins and use in  
verm compost



### Solid waste management

Materials and Resources (Post Occupancy)			
Sr. No.	Points	Current	
1	Separation of waste	Capacity - Wet waste-30-35 kg /day Dry Waste- 10-12 kg/day	E- Waste, MOU is done with MPCB authorised group. (Copy attached) Paper waste – Recycled to various small scale dealers time to time (Monthly chalans are attached).

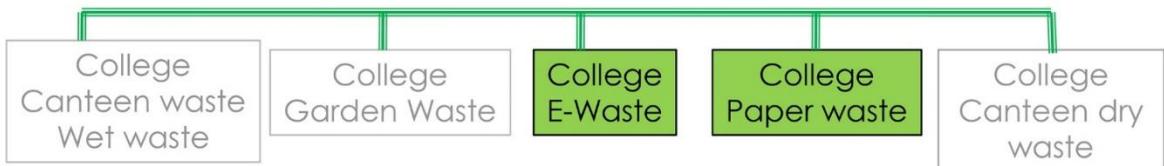




### Solid waste management

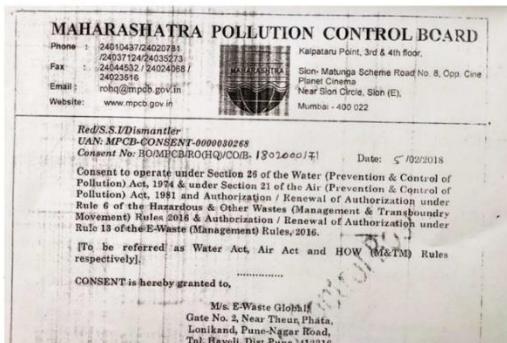
#### 1. Solid waste management

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E-Waste collection MO has been done with MPCB certified E-Waste management company. MOU is attached herewith.

Paper waste is recycled through authorised company Chalans are also attached with the report.



Serial No	Date	Weight	Weight	Date	Weight
9	18/11/20	weight Garbage	0.2	27/11/20	weight Garbage 3.5
10	28/11/20	dry Garbage	4.7	27/11/20	dry Garbage 2
11	29/11/20	weight Garbage	0.7	28/11/20	weight Garbage 0.1
12	29/11/20	dry Garbage	0.2	28/11/20	dry Garbage 1.7
13	29/11/20	weight Garbage	1.6	29/11/20	weight Garbage 4
14	29/11/20	dry Garbage	0.3	29/11/20	dry Garbage 3
15	29/11/20	weight Garbage	2	09/12/20	weight Garbage 1.7
16	29/11/20	dry Garbage	2.4	09/12/20	dry Garbage 2.1
17	29/11/20	dry Garbage	0.2	09/12/20	Weight Garbage 0.1
18	29/11/20	weight Garbage	1	09/12/20	dry Garbage 0.7
19	29/11/20	dry Garbage	2	29/11/20	Weight Garbage 1
20	29/11/20	weight Garbage	0.5	29/11/20	dry Garbage 0.5
21	29/11/20	dry Garbage	2.2	09/12/20	Weight Garbage 2
22	29/11/20	weight Garbage	3	09/12/20	dry Garbage 1.5
23	29/11/20	dry Garbage	2	29/11/20	Weight Garbage 0.6
24	29/11/20	weight Garbage	3.6	29/11/20	dry Garbage 2.7