

Liquid Waste Management Policy

Effective from Date: June 30, 2020

Objective

The objective of the Liquid Waste Management Policy of Maharishi Markandeshwar (Deemed to be University), Mullana is to ensure the safe collection, treatment, reuse, and disposal of liquid waste generated from academic buildings, hostels, residential areas, healthcare facilities, laboratories, kitchens, and other campus activities. The University is committed to minimizing environmental pollution, conserving water resources, and promoting sustainable water management practices in accordance with applicable environmental regulations.

Policy

The policy behind Liquid Waste Management at MM(DU) is:

- To identify and quantify all sources of liquid waste generated within the campus.
- To ensure segregation of domestic, laboratory, biomedical, and chemical liquid waste streams for appropriate treatment.
- To treat wastewater through suitable treatment systems before discharge or reuse.
- To promote recycling and reuse of treated wastewater for gardening, landscaping, flushing, and other non-potable purposes.
- To prevent contamination of soil, surface water, and groundwater through proper handling and disposal practices.
- To comply with the guidelines of the Central Pollution Control Board (CPCB), Haryana State Pollution Control Board (HSPCB), and other statutory authorities.
- To continuously improve liquid waste management practices through regular audits, monitoring, and stakeholder participation.

Procedures

- Liquid waste generated from hostels, residential areas, academic buildings, kitchens, and healthcare facilities shall be collected through a well-maintained drainage network.
- Wastewater generated on campus shall be treated through Sewage Treatment Plants (STPs) and other appropriate treatment facilities established by the University.
- Treated wastewater shall be reused for horticulture, landscaping, irrigation, toilet flushing, and other non-potable applications to reduce freshwater consumption.
- Laboratory and chemical liquid wastes shall be handled separately and disposed of according to prescribed safety and environmental guidelines.
- Biomedical liquid waste generated from healthcare facilities shall be managed as per Biomedical Waste Management Rules and authorized disposal mechanisms.
- Regular monitoring of wastewater quality shall be carried out to ensure compliance with environmental standards.
- Awareness programs shall be conducted among students, faculty, staff, and residents to encourage responsible water use and wastewater management practices.

- Recommendations from environmental audits and sustainability assessments shall be incorporated periodically to strengthen the liquid waste management system.

Responsibility

The Estate Office, Sustainability Centre, Engineering Department, Health Centre, laboratories, and all campus stakeholders shall jointly ensure effective implementation of this policy.

Review

This policy shall be reviewed periodically and revised as necessary to align with technological advancements, regulatory requirements, and the sustainability goals of MM(DU).