



## Manipal University Jaipur Water Reuse Policy

### **Policy Statement:**

Manipal University Jaipur recognizes the critical importance of water conservation and sustainable water management to address global water challenges and reduce its environmental impact. This Water Reuse Policy establishes guidelines and procedures for the responsible reuse of water on campus, promoting a culture of water efficiency and environmental stewardship among faculty, staff, and students.

### **I. Purpose**

The purpose of this Water Reuse Policy is to:

1. Promote responsible water management practices within Manipal University Jaipur .
2. Reduce the consumption of potable water for non-potable purposes.
3. Encourage the implementation of water reuse systems and technologies.
4. Establish guidelines for the collection, treatment, and distribution of reclaimed water.
5. Comply with all applicable local, state, and federal regulations related to water reuse.

### **II. Scope**

This policy applies to all university facilities, including academic buildings, residence halls, administrative offices, athletic facilities, and outdoor spaces.

### **III. Definitions**

1. **Reclaimed Water:** Treated wastewater that is safe and suitable for non-potable uses, such as irrigation, cooling, and toilet flushing.
2. **Greywater:** Wastewater generated from sinks, showers, and laundry facilities that can be treated and reused for certain non-potable purposes.
3. **Rainwater Harvesting:** The collection and storage of rainwater for later use, primarily for landscape irrigation.





4. Water Reuse System: Infrastructure and technologies designed to treat and distribute reclaimed water for non-potable purposes.
5. Potable Water: Safe and clean drinking water suitable for human consumption.

#### **IV. Guidelines and Procedures**

##### **A. Water Reuse Systems:**

Manipal University Jaipur shall assess and implement water reuse systems, where feasible, to reduce potable water usage. Such systems may include but are not limited to greywater recycling, rainwater harvesting, and reclaimed water distribution.

##### **B. Greywater Recycling:**

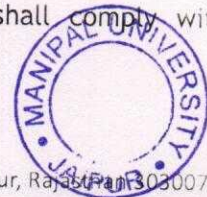
1. Greywater generated within university facilities shall be collected, treated, and reused for approved non-potable purposes.
2. Treatment and storage systems for greywater shall be designed, installed, and maintained in compliance with applicable regulations and industry standards.
3. Campus users shall be educated on the safe and responsible use of greywater.

##### **C. Rainwater Harvesting:**

1. Rainwater shall be collected from roofs and other surfaces and stored for landscape irrigation and other non-potable uses.
2. The design and maintenance of rainwater harvesting systems shall conform to applicable guidelines and regulations.

##### **D. Reclaimed Water Distribution:**

1. Manipal University Jaipur shall establish a reclaimed water distribution network to provide treated wastewater for non-potable purposes across campus.
2. The treatment and distribution of reclaimed water shall comply with regulatory standards and ensure the safety of users.





**E. Monitoring and Reporting**

1. Manipal University Jaipur shall establish a monitoring program to track water reuse system performance and water quality.
2. Regular reports on water reuse activities, water savings, and system maintenance shall be submitted to the appropriate university departments and regulatory agencies.

**V. Implementation and Compliance**

**A. Responsibility:**

1. The Directorate of General Services & Administration shall be responsible for overseeing the implementation and compliance of this policy.
2. All university departments and users shall cooperate in the implementation and enforcement of this policy.

**B. Compliance:**

1. Failure to comply with this policy may result in disciplinary action as per university regulations.
2. Manipal University Jaipur shall maintain compliance with all local, state, and federal regulations related to water reuse.

**VI. Review and Revision**

This policy shall be reviewed annually and updated as necessary to reflect changes in technology, regulations, and best practices related to water reuse.

**VII. Conclusion**

Manipal University Jaipur is committed to reducing its environmental impact and promoting responsible water management through this Water Reuse Policy. By implementing water reuse systems and fostering a culture of water efficiency, Manipal University Jaipur aims to contribute to a sustainable and water-conscious campus environment and set an example for its community and beyond.





### Version History

Number	Year	Major Revision
Version 3.0	2022	Greywater Resue
Version 2.0	2021	Special Clause added due to COVID 19
Version 1.0	2018	Initial policy

Approval

*Handwritten signature in blue ink.*

