



Samarkand State University

Water Reuse Policy

1. Purpose and Scope

This policy inks a framework for the conservation and reuse of water across all Samarkand State University facilities, aligning with our commitment to sustainable resource management, minimizing environmental impact, and promoting water conservation. The policy applies to all university departments, campuses, and residential areas and is designed to support our sustainability goals and compliance with national and regional water regulations.

2. Objectives

The primary objective of this policy is to provide a comprehensive framework for water conservation, reducing the use, recycling, and reuse in the following ways.

- To reduce potable water consumption through water reuse and recycling initiatives.
- To promote efficient water usage across all university operations.
- To educate and engage the university community in sustainable water management practices.
- To set an example for the community in sustainable practices by maximizing water reuse.

3. Key Areas of Implementation

3.1 Greywater Recycling

Greywater from washbasins, showers, and laundry facilities will be collected, treated, and reused where feasible for landscape irrigation and toilet flushing across university premises.

3.2 Rainwater Harvesting

Roofs and other catchment areas will be fitted with rainwater harvesting systems to collect and store rainwater. The collected water will be utilized for irrigation, cooling systems, and other non-potable applications.

3.3 Off-Campus Water Treatment Facilities

The university will develop and operate off-site water treatment plants to ensure the tertiary level treatment for reutilization of wastewater for landscaping, heating, cooling, and other sustainable applications.

3.4 Sustainable Landscaping and Irrigation

Landscape areas will utilize drought-resistant plants and efficient irrigation systems such as drip irrigation, which optimize the use of reclaimed water.

4. Responsibilities

Facilities Management: Oversee the installation and maintenance of water reuse systems, monitor water usage, and assess opportunities for increased efficiency.

University Buildings: Implement water conservation measures in their respective areas and ensure compliance with this policy.

Environmental/Sustainability Office: Promote awareness of water conservation initiatives, provide training on water reuse systems, and report on progress.

5. Monitoring and Evaluation

Regular audits of water use and reuse systems will be conducted to assess the effectiveness of water-saving measures. Annual reports will be prepared, highlighting water conservation achievements and identifying areas for improvement.

6. Education and Community Engagement

Conduct workshops and awareness campaigns for students, faculty, and staff to encourage responsible water usage and support campus-wide sustainability efforts. Collaborate with local government and environmental organizations to share knowledge and encourage community adoption of water reuse practices.

7. Review of Policy

This policy will be reviewed every three years to ensure its effectiveness and alignment with the university's sustainability goals and regulatory requirements. Adjustments will be made as necessary to accommodate new technologies, methodologies, or regulations in water management.

Samarkand State University reaffirms its dedication to environmental stewardship and sustainable practices that ensure responsible water management and conservation by implementing and adhering to this policy.