



Amity University Water Reuse Policy

1. Purpose and Scope:

The purpose of this Water Reuse Policy is to outline the strategies and guidelines for maximizing water reuse across our university campus. This policy applies to all university facilities, operations, and stakeholders.

2. Measurement of Total Water Usage

The university is committed to measuring and monitoring the total volume of water used on campus. This will include water used in academic and administrative buildings, residences, and other facilities. The measurements will be conducted regularly to track consumption, identify trends, and establish baseline data for water conservation efforts.

3. Water Reuse Goals

- a) **Reduction of Water Consumption:** The university is committed to reducing its water consumption through efficient use and recycling.
- b) **Promotion of Sustainable Practices:** Promote responsible and sustainable water management practices.
- c) **Education and Engagement:** Educate and engage students, staff, and faculty in water conservation and reuse efforts.

4. Water Reuse Practices

- a) **Greywater Reuse:** Implement greywater systems where appropriate, capturing and treating non-potable water from sinks, showers, and other sources for landscape irrigation or other non-potable uses.
- b) **Rainwater Harvesting:** Install rainwater harvesting systems to collect and store rainwater for landscape irrigation and other non-potable applications.
- c) **Efficient Irrigation:** Utilize smart irrigation systems to optimize water use for landscaping and outdoor areas.
- d) **Water Recycling:** Promote the use of treated wastewater for non-potable applications, such as cooling and industrial processes.
- e) **Dual Plumbing Systems:** Explore dual plumbing systems for new buildings or major renovations to separate potable and non-potable water sources.

5. Preventing Polluted Water from Entering the Water System: Accidents and Incidents: The university will implement and maintain practices to prevent polluted water, including that resulting from accidents and incidents, from entering the water system. This includes prompt

response and containment of any water pollution incidents and collaboration with relevant authorities to address the situation.

6. Provision of Free Drinking Water

The university is committed to providing free access to safe and clean drinking water for students, staff, and visitors through water fountains, hydration stations, and other accessible means.

7. Application of Building Standards to Minimize Water Use

- a) **New Buildings and Renovations:** The university will apply building standards that emphasize water efficiency in the design and construction of new buildings and major renovations. This includes the use of water-saving fixtures and technologies.
- b) **Existing Buildings:** The university will assess and retrofit existing buildings to improve water efficiency by installing water-saving fixtures, conducting regular maintenance, and addressing leaks.

8. Promotion of Conscious Water Usage: The university will actively promote conscious water usage on campus, in the following ways:

- a) **Awareness Campaigns:** Organize awareness campaigns and educational programs to educate students, staff, and faculty about responsible water usage.
- b) **Incorporate Water Conservation in the Curriculum:** Encourage the incorporation of water conservation topics in academic programs.

9. Supporting Water Conservation Off-Campus: The university recognizes its responsibility beyond campus boundaries. It will actively support water conservation efforts in the wider community by collaborating with local organizations and participating in community-based water conservation initiatives.

10. Cooperation with local, regional, national or global governments on Water Security: The university will collaborate with local, regional, national, and global governments, as well as relevant organizations, to enhance water security. This includes sharing expertise and resources to address water-related challenges and participating in initiatives aimed at ensuring a sustainable and secure water supply.

11. Providing Educational Opportunities for Local Communities: The university will offer educational opportunities to local communities to learn about good water management practices. This includes workshops, seminars, and other outreach programs designed to raise awareness and build capacity for responsible water management.

12. Mandate to Treat, Reuse, and Recycle Water:

The university acknowledges the importance of treating, reusing, and recycling water as part of its commitment to sustainability. This includes:

- a) **Toilet and Landscape Water Reuse:** Implement systems for treating and reusing water for toilets, landscaping, and irrigation, where applicable and feasible.
- b) **Wastewater Recycling:** Explore opportunities for treating and recycling wastewater for non-potable purposes within campus operations.
- c) **Regular Maintenance:** Ensure regular maintenance and monitoring of water treatment and recycling systems to maximize efficiency and safety.

13. Monitoring and Measurement:

- a) Regularly monitor and measure water consumption and reuse across the university.
 - b) Set specific targets and KPIs for water conservation and reuse, and regularly report progress to the university community.
- 14. Education and Outreach:**
- a) Develop water conservation and reuse educational programs for students, staff, and faculty.
 - b) Organize workshops, seminars, and awareness campaigns to promote responsible water use.
- 15. Water Reuse in Research and Education:** Encourage and support research projects related to water reuse and sustainability. Incorporate water reuse principles into relevant academic programs.
- 16. Collaboration:** Collaborate with local authorities, environmental organizations, and other institutions to share knowledge and best practices in water reuse.
- 17. Compliance and Regulations:** Adhere to all relevant local, state, and federal regulations and guidelines regarding water reuse.
- 18. Continuous Improvement:** Regularly review and update this policy to reflect changing technologies, practices, and regulations to enhance water reuse efforts.
- 19. Responsibility and Accountability:** The Administration & Maintenance Department will oversee and report on the progress of water reuse initiatives. Ensure accountability for meeting the stated goals.
- 20. Resources and Funding:** Allocate necessary resources and funding to implement and maintain water reuse initiatives across the university.
- 21. Review and Revision:** This policy will be reviewed and, if necessary, revised annually to ensure it remains current and effective.
22. By implementing this water reuse policy, our university is dedicated to maximizing water efficiency, promoting sustainability, and contributing to responsible water management practices.
23. This policy should be communicated to all stakeholders, and a clear action plan should be developed for its implementation. Regular monitoring, reporting, and engagement is crucial to the successful execution of the policy's goals.
24. This policy represents our university's commitment to responsible water management, conservation, and sustainability. It is the collective responsibility of all members of the university community to support and adhere to the principles outlined in this policy. Regular monitoring and reporting will be carried out to ensure the policy's effectiveness and alignment with our environmental goals.