



Navoi State University Policy on Prevention of Water System Pollution

Navoi State University (NSU) recognizes the importance of protecting water resources and preventing water pollution as part of its commitment to environmental sustainability, public health, and responsible resource management. The purpose of this Policy is to establish institutional measures for preventing contamination of water systems, reducing environmental impacts arising from university activities, and ensuring compliance with national environmental and water management legislation. The University is located in the arid region of Navoi, where water resources are particularly valuable; therefore, NSU is committed to implementing preventive measures that protect surface water, groundwater, drainage infrastructure, and wastewater systems while promoting sustainable water use across all university facilities.

This Policy is developed in accordance with the Water Code of the Republic of Uzbekistan, the Law of the Republic of Uzbekistan “On Water and Water Use”, the Law of the Republic of Uzbekistan “On Drinking Water Supply and Wastewater Disposal” (O‘RQ-784), Presidential Resolution No. PQ-5 of 5 January 2024 “On Measures to Improve Water Resources Management and Increase the Efficiency of Water Resource Use”, and Presidential Decree No. PF-37 of 21 February 2024 approving the State Program for implementation of the Uzbekistan–2030 Strategy, as well as applicable sanitary, environmental, and wastewater management regulations of the Republic of Uzbekistan.

This Policy applies to all academic buildings, laboratories, administrative facilities, student residences, dining facilities, workshops, landscaped areas, sports facilities, and to all members of the university community, including employees, students, contractors, and visitors, ensuring that all institutional activities comply with environmental protection and water pollution prevention requirements.

The University follows key principles that include the prevention of water pollution at the source, responsible and efficient use of water resources, compliance with environmental legislation, continuous monitoring and improvement of water



systems, sustainable wastewater management, promotion of environmental education and awareness, and protection of public health and ecosystems through responsible institutional practices.

Responsibilities

The University Sustainability Office is responsible for providing institutional oversight, coordination, and resources necessary for the implementation of this Policy. The Facilities Management Department is responsible for monitoring water supply and drainage systems, maintaining wastewater infrastructure, conducting inspections of water-related facilities, coordinating preventive maintenance activities, and implementing corrective actions when necessary. Academic departments and laboratories are required to ensure proper handling, storage, and disposal of chemicals and materials that may affect water quality, while all students and staff members are responsible for preventing water pollution and reporting any environmental risks or incidents.

Water Pollution Prevention Measures

The University implements comprehensive measures to prevent the discharge of pollutants into drainage systems, maintain sanitary conditions across campus facilities, reduce contamination risks arising from daily operations, ensure environmentally responsible wastewater disposal, and promote water-saving and pollution prevention practices throughout the university community.

Laboratory Wastewater Management

Special attention is given to laboratory and research activities where the discharge of concentrated chemicals, solvents, oils, hazardous reagents, and other harmful substances into sinks, drains, or sewerage systems is strictly prohibited. Laboratory personnel are required to follow approved environmental and safety procedures, ensure separate collection of hazardous residues, apply designated disposal methods, and participate in environmental compliance training. Regular inspections are conducted to ensure adherence to laboratory wastewater management requirements and to minimize environmental risks.



Wastewater Collection and Disposal

All domestic and sanitary wastewater generated by university facilities is discharged into the municipal sewerage system and transferred to regional wastewater treatment facilities for purification. The University cooperates with regional water management organizations to ensure that wastewater is treated in accordance with environmental standards and that untreated wastewater is not released directly into the environment, thereby contributing to regional water protection efforts.

Stormwater and Drainage Management

The University maintains drainage channels, stormwater collection systems, roof gutter networks, and water absorption areas to reduce pollution risks and support groundwater recharge. Regular cleaning and maintenance activities are carried out to remove sediments, litter, and debris that may obstruct water flow or contribute to contamination. The University continues to expand sustainable stormwater management practices in line with environmental priorities.

Awareness and Environmental Education

Navoi State University promotes environmental awareness through training sessions, workshops, student sustainability initiatives, World Water Day activities, public awareness campaigns, and educational programs focused on water conservation and pollution prevention. The University encourages all members of the academic community to actively participate in protecting water resources and adopting environmentally responsible behavior.

Monitoring and Reporting

The University conducts periodic inspections and environmental monitoring to assess the effectiveness of water pollution prevention measures. These activities include evaluation of drainage systems, review of laboratory practices, assessment of wastewater management procedures, and inspection of infrastructure performance. The results of monitoring activities are used to support continuous improvement and long-term sustainability planning.



Policy Review

This Policy is reviewed at least once every three years or whenever significant changes occur in national legislation, environmental regulations, or university operations, ensuring its continued relevance and effectiveness.

Effective Date

This Policy enters into force upon approval by the Rector of Navoi State University and remains valid until revised or replaced. It was approved in September 2025, and its implementation is overseen by the University Sustainability Office.