Prevention of Water Pollution, Including Accidents and Incidents

SDG 6 Water pollution prevention | Reporting year 2025

UzSWLU applies a set of operational processes to prevent polluted water from entering the municipal water system, covering routine operations as well as accidents and incidents on campus. These processes form the University's Water Pollution Prevention and Control Program, implemented under the Sustainable Campus Action Plan (2021–2025).

Preventing pollution in routine operations

- **Source control.** Grease traps in cafeterias, sediment filtration units and catch basins at discharge points, and neutralization of acidic or alkaline laboratory effluent before discharge (ShNK 2.08.02-09*, clause 5.10).
- **Stormwater management.** Permeable pavement in parking and pedestrian areas, vegetated bioswales, sediment retention systems and rainwater diversion keep surface runoff from carrying sediment and contaminants into the drainage network. Green drainage covered 88% of university territory in 2024–2025.
- **Water quality monitoring.** Monthly samples are taken at 12 discharge locations (dormitories, food service, administrative buildings and drainage systems) and analyzed for pH, turbidity, biochemical oxygen demand (BOD), chemical oxygen demand (COD) and total suspended solids (TSS). Results are verified jointly with the city water utility.

Preparedness for accidents and incidents

- **Water Incident Response Plan.** The University's Water Incident Response Plan defines how water-related accidents and incidents on campus are handled; the plan has been distributed to all departments.
- **Emergency drills.** Two practical emergency exercises were held in 2024–2025 jointly with the Tashkent water authority and the district emergency department.
- **Rapid reporting and repair.** Leaks and drainage faults can be reported by anyone on campus through the "Green Hotline" on the University website and Telegram; maintenance personnel respond within 24 hours.

Results

Indicator	2023–2024	2024–2025	2025–2026
Compliance with discharge standards	97%	100%	100%
Wastewater pre-treated before discharge	94%	100%	100%
Recorded contamination incidents	0	0	0

Evidence

- Water Pollution Control report: https://uzswlu.uz/backend/web/uploads/pagepdf/icon/17840467253779.pdf
- Building code extract (ShNK 2.08.02-09*, Section 5): https://uzswlu.uz/backend/web/uploads/pagepdf/icon/16741176703456.pdf
- UzSWLU SDG 6 page: https://uzswlu.uz/en/sdg-6-clean-water-and-sanitation