



University: UzSWLU
Country: Uzbekistan
Web Address: <https://www.uzswlu.uz/en>

3 Waste

During the 2026 reporting period, UzSWLU managed wastewater through an integrated sewage management system consisting of an internal campus sewerage network, localized pre-treatment facilities, and connection to the centralized municipal wastewater treatment system of Tashkent City. In parallel, the university operates a rainwater harvesting system that collects stormwater for irrigation of campus green areas, reducing potable water consumption.

Sewage Management Infrastructure

Infrastructure	Function
Internal campus sewerage network	Collects wastewater from all facilities and transfers it to the municipal system
Connection to Tashkent municipal sewerage	Ensures wastewater is conveyed to the city's centralized treatment facilities
Grease traps	Reduce oil and grease from cafeterias before entering the sewerage network
Sediment filtration units	Remove suspended solids from dormitory wastewater prior to discharge
Laboratory neutralization units	Neutralize laboratory chemical residues before discharge
Rainwater harvesting system	Collects stormwater for reuse in landscape irrigation, operating independently of the sanitary network

Wastewater Volumes by Source



Source	Est. Annual Volume (m ³)	Disposal Method
Academic and administrative buildings	22,800	Municipal wastewater treatment system
Student dormitories	18,200	Municipal system with sediment filtration
Cafeterias and food preparation areas	6,700	Grease trap pre-treatment + municipal system
Laboratories	1,200	Neutralization prior to municipal discharge
Rainwater harvested	2,000	Reused for irrigation

Monitoring and Maintenance

- Sewer pipeline inspection — Campus Management Division — Monthly.
- Grease trap inspection and cleaning — Campus Management Division — Monthly.
- Laboratory wastewater inspection — Faculty of Natural Sciences — Monthly.
- Manhole and pumping equipment inspection — Campus Management Division — Monthly.
- Wastewater monitoring and environmental reporting — Campus Management Division — Continuous.

The university has confirmed that wastewater discharged from the campus sewerage network undergoes comprehensive treatment at Tashkent City's centralized municipal facility, including full biological (secondary) treatment, before release into the city's wastewater system. UzSWLU's own on-site infrastructure (grease traps, sediment filtration, laboratory neutralization) provides preliminary pre-treatment ahead of this municipal biological treatment stage.



Sewage Disposal

Additional evidence link (i.e., for videos, more images, or other files that are not included in this file):

<https://www.uzswlu.uz/en#>

https://www.instagram.com/uzswlu_official

<https://www.facebook.com/uzswlu.uz>

<https://www.youtube.com/c/Ozbekistondavlatjahontillariuniversiteti>

<https://t.me/UzSWLU>

<https://uzswlu.uz/backend/web/uploads/pagepdf/icon/17310634578481.pdf>

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<https://uzswlu.uz/backend/web/uploads/pagepdf/icon/17313227292977.pdf>

<https://uzswlu.uz/eco-lingua>

<https://t.me/UzSWLU/26206>

<https://uzswlu.uz/backend/web/uploads/pagepdf/icon/17762432776155.pdf>

<https://conference.uzswlu.uz/conf/article/view/2247>

<https://t.me/UzSWLU/23356>

<https://t.me/UzSWLU/40281>

<https://t.me/UzSWLU/35272>

<https://t.me/UzSWLU/33615>

<https://t.me/UzSWLU/31292>

<https://t.me/UzSWLU/31049>

<https://t.me/UzSWLU/20100>

