

Metric 6.4



Saint Louis University

strengthening water conservation, wastewater management, and safe sanitation systems across its campuses to ensure reliable, clean, and sustainable water services for the entire university community.



6 CLEAN WATER
AND SANITATION





Indicator 6.4.2

Saint Louis University Water Reuse Measurement



6 CLEAN WATER
AND SANITATION



Measures Water Reuse

Saint Louis University demonstrates a measurable and comprehensive approach to water reuse across all campuses, in full alignment with SDG 6 and institutional values inspired by the Congregation of the Immaculate Heart of Mary (CICM), the United Nations Environment Programme, and Pope Francis’ Laudato Si’. SLU’s Environmental Policy, ratified and reviewed annually, mandates that all academic, administrative, and student units align their operations and programs with sustainable environmental goals, particularly the conservation and reuse of freshwater resources.

SLU measures and reuse >50% of all treated wastewater and 100% of captured spillage/rainwater, with 15.7+ million liters reused annually across campuses. All systems are metered, audited, and integrated into a closed-loop recycling network.

Measured Water Reuse Volumes (2024–2025)

Source	Volume Generated	Volume Reused	Reuse Applications	% Reused
4 STPs (Main, Maryheights, Navy Base, SHMC)	~600 m³/day (220,000 m³/yr)	~310 m³/day (113,000 m³/yr)	Flushing, irrigation, cleaning, fire suppression, construction	>50%
Rainwater Harvesting (SHC + SHH)	~300 m³/wet season (est. 1,200 m³/yr)	400 L stored + overflow to STP	Cleaning, car wash, indoor plants, fountains	100%
“Water is Life” Spillage Capture	250 L/day	250 L/day	STP → non-potable reuse	100%
Olympic Pool Backwash & Filter	225 m³/yr	225 m³/yr	STP → irrigation/flushing	100%

Total Measured Reuse: 15.7+ million L/year
Freshwater Offset: ~35% of campus demand

