



KTMU

Water Management

University : Kyrgyz-Turkish Manas University
Country : Kyrgyz Republic
Web Address : www.manas.edu.kg

[4] Water (WR)

[4.3] Water Efficient Appliances Usage (e.g. hand washing taps, toilet flush, etc.) (WR.3)

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|  A photograph of a standard chrome faucet on a white sink. The faucet has a single-lever design with a curved spout. |  A photograph of a toilet flush valve. It features a white ceramic bowl with a black textured pattern and a white flush handle protruding from the side. |
| Conventional tap | Toilet flush system |

Description:

Kyrgyz-Turkish Manas University utilizes two sources of water: the "Bishkek vodokanal" governmental structure and its own underground water system. From "Bishkek vodokanal," the university consumes a volume of 31,193 m³/year for the period from December 2021 to December 2022. For watering the green areas, 46,236 m³ of water is used, with 34,113 m³ coming from the ground water source between May 1, 2022, and October 24, 2022. Approximately 60% of the planted trees are watered using drop irrigation. The university plans to implement tap nozzles to aerate the water. Furthermore, about 60% of the toilets do not have cisterns for flushing.



Drop irrigation system in university

Additional evidence link: