

Environmental Management Unit (EMU) is in charged with the implementation of programs and activities to maintain a sustainable and eco-friendly campus.

Flush Less, Save More: Water-Efficient Fixtures Leading the Charge in Global Water Conservation

Water-efficient fixtures are essential tools in the ongoing effort to conserve water. As the world faces increasing water scarcity, it becomes crucial to adopt technologies and practices that reduce our water consumption. Water-efficient fixtures, such as low-flow toilets, play a significant role in this endeavor.

Batangas State University has made an important step by adopting water-efficient fixtures, particularly dual flush water closets, throughout its facilities in an effort to lead the way in sustainable campus practices and address the global challenge of water conservation. The initiative is a reflection of the university's dedication to minimizing its environmental impact. By installing water-efficient fixtures, they are significantly decreasing water consumption across the campus.

The university is equipped with a total of 16

efficient water closets throughout the campus. These water-efficient toilets are designed to minimize water usage per flush, contributing significantly to water conservation. Furthermore, the university has 149 water-efficient faucets which can be categorized into three types: 16 that provide water flow from the left and right sides, 104 designed to supply water both upwards and downwards, and 29 rotating faucets providing users with a great control over the flow of water.

Water-efficient fixtures installed in the campus like dual flush water closets and innovative faucets with up and down or left and right controls allow students and staff to manage and reduce their water consumption. These fixtures provide user-customizable options that let users decide how much water they need for a particular operation, helping to significantly increase water saving efforts.



Handwashing Facility with Signage Located at CIT Building

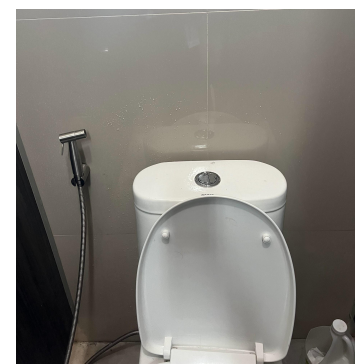
Dual flush water closets represent a notable advancement in water-conservation technology. They offer users a choice between two flush options: a full flush for solid waste and a reduced flush for liquid waste. This flexibility enables individuals to adjust the flush volume to the type of waste, providing a straightforward yet highly efficient method to conserve water. However, faucets with up and down or left and right controls also promote water conservation. By adjusting the lever in an upward or downward or left and right motion, people can precisely

manage the water flow to meet their needs, which includes hand washing, dish rinsing, or any other task that helps reduce water wastage.

Installing water-saving fixtures on campus serves as a demonstration that sustainability is not merely a theoretical concept, but can be implemented into everyday life. Furthermore, this commitment to sustainability aligns with the broader United Nations' sustainable development goals, particularly SDG No. 6: Clean Water and Sanitation. In addressing this global issue, the university is showing how institutions of higher education can lead the way in creating a sustainable and environmentally responsible future.



Urinals Located at Men's Restroom



Dual-Flush Water Closet Located at Female's Restroom at Fitness Development Center (FDC)