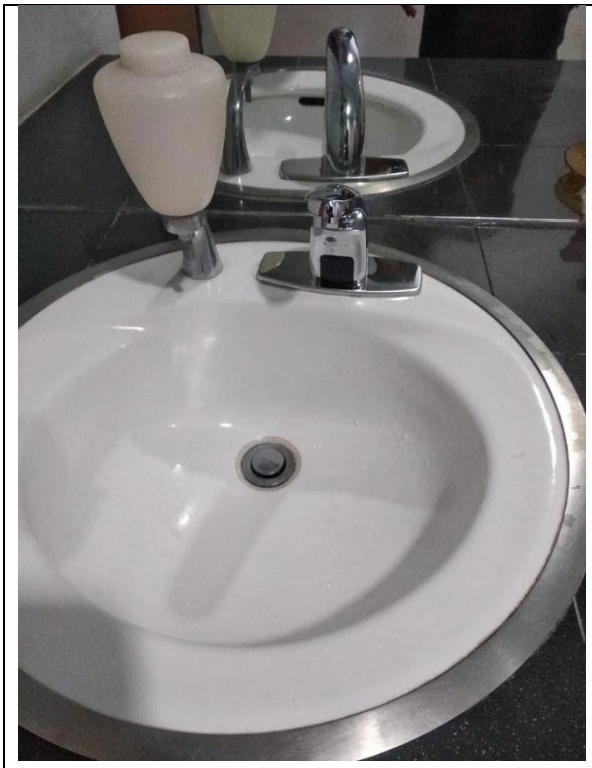
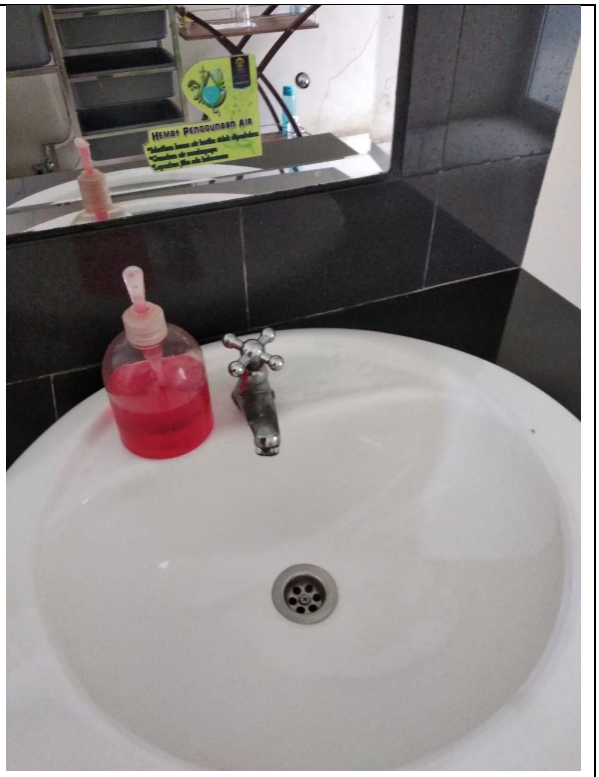
6.3. Water usage and care

6.3.4. Water-conscious building standards

Biopori and Rain Ground Tank System

Water-saving toilets





Water-saving washbasin

Description:

Faculty of Psychology is implementing water-conscious building that can be proven by:

1. Using Rain Ground Tank System so that rainwater will naturally be absorbed into the ground. We use this system to compensate the area that can not naturally absorbed water because there are buildings built above those ground. By doing this we utilize the natural water cycle, so the rainwater can be contained and absorbed optimally.
2. Faculty of Psychology UI has several biopori points scattered around the buildings, this is intentionally done to expand the area of water absorption, as a treatment for organic waste, and improve soil health. Soil moisture is quite well maintained, especially during the dry season thanks to biopori. During the rainy season, several buildings that are on a lower surface tend to have the potential for waterlogging, the biopores around the building helped effectively in dealing with puddles that may occur. Biopori also helps managing organic waste that has accumulated over a certain period.

3. In the Faculty of Psychology's toilets, we use several water-saving equipment, such as manual valve that will pour enough water when the button is pressed and stop when it is not. We also use touchless faucet that will automatically stopped pouring water, this is used to prevent wasting water because of forgetting to turn off the faucets. Below is the percentage of water-saving equipment used in the Faculty of Psychology.

Facility	Number	Number of water-saving equipment	Percent
Toilet	45	35	77.7%
Washbasin	56	42	75%
		Average	**76.35%**