UI
GreenMetric Questionnaire

University : Universitas Pendidikan
Indonesia Country : Indonesia
Web Address : http://upi.edu

[4] Water (WR)

[4.4] Consumption of treated water





Water Treatment Plant

Description:

- Water treatment plant is a water installation of treated-water from natural sources (river water) near campus so that is suitable for use. and it is located at north part of campus. This Water Treatment Plant produces 450.000 liters/day and 100% consumed by all student and staff across buildings of campus.
- Water treatment though several stages namely removing solid components and hazardous substances. It is then distributed through 8 inch and 6 inch pipes to various units on campus. The Water Treatment Plant location at the highest level of the campus helps distribute water by gravity throughout the buildings. If there are buildings on the same level then pushed by plunger pump

Additional Evidence Link:

https://www.youtube.com/watch?v=7cTYAvF7lnc
https://sarpras.upi.edu/water-treatment-plant-wtp-atau-instalasi-pengolahan-air-ipa-universitas-pendidikan-indonesia/





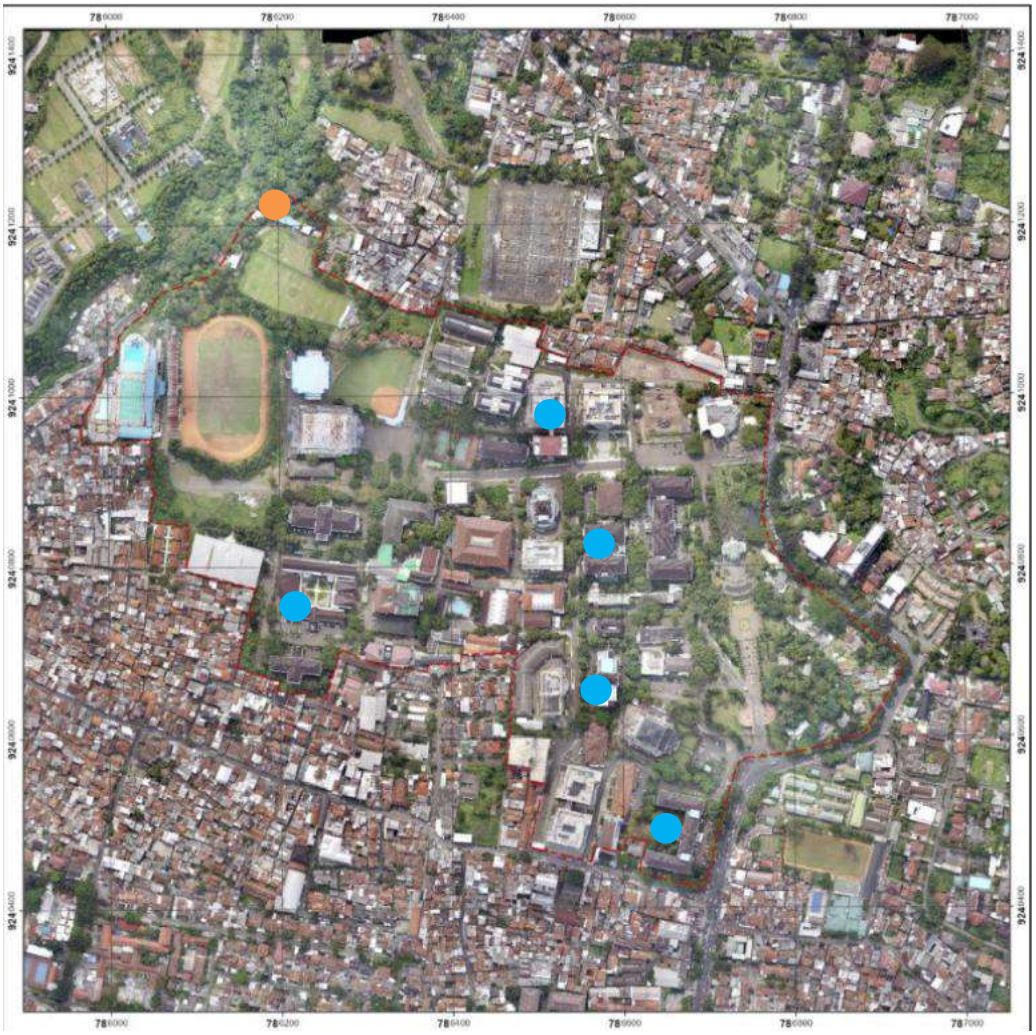




Water Purifier for Public Consumption

Description:

The number of water purifiers are increase from last year and available in several most visited spots in faculty buildings such as in front of the FPEB prayer room, in the FPMIPA lobby, FPTI lobby and Graduate School (Pasca Sarjana) lobby. This water purifier is equipped with quality assurance, licensing, and undergoes regular maintenance (once every two months) to ensure consumer health protection.



Water Treatment Plant Centre (WTP UPI)

Water Purifiers





Atmospheric Water Generator

Description:

Atmospheric Water Generator produces drinking water by extracting moisture from the air through a condensation process. The air is filtered and cooled into liquid water, then filtered and sterilized using activated carbon, reverse osmosis and UV light to fulfil the standard of drinking water. Atmospheric Water Generation are an alternative source of clean water, especially for drinking water. Water consumption from Atmospheric Water Generation has not yet met the vast demand, only in limited areas. In the future, this program will be expanded and implemented in a wider area.