

## THE Impact Rankings Questionnaire

University : Universitas Indonesia  
Country : Indonesia  
Web Address : ui.ac.id

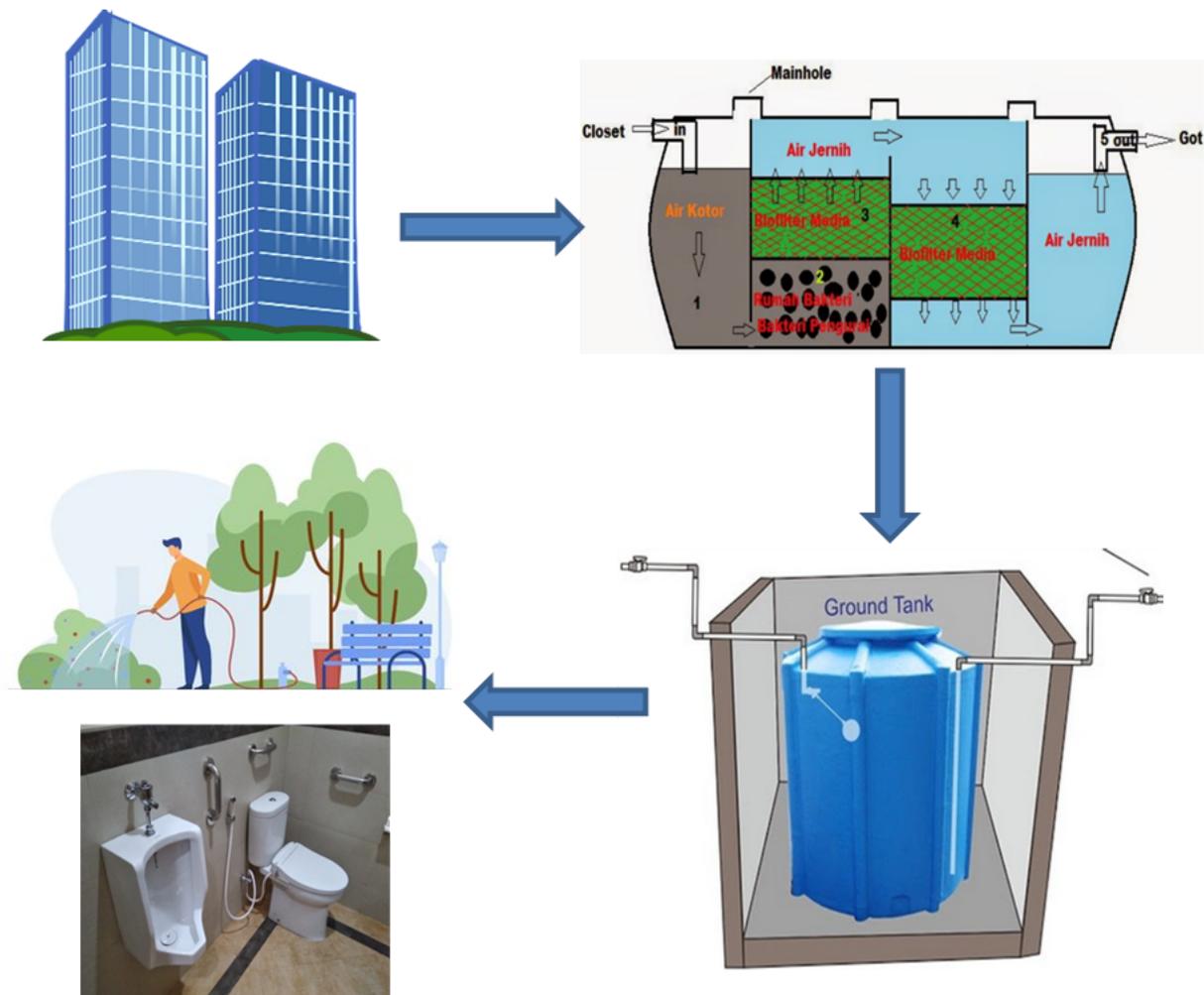
### [6] SDG's 6: Clean Water and Sanitation

#### [6.3] Water usage and care

#### [6.3.2] Preventing water system pollution

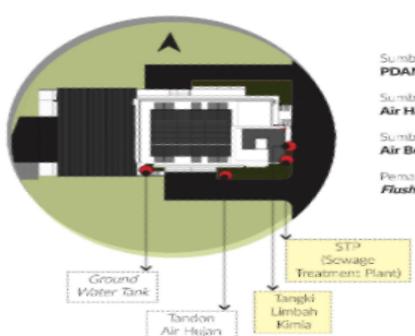
Processes to prevent polluted water entering the water system, including pollution caused by accidents and incidents at the university.

### Water Pollution Prevention Process in UI



# 1. Sewage Treatment Plant at UI

**Pengolahan Air Bekas & Air Kotor**



Sumber air bersih utama:  
**PDAM**

Sumber air bersih alternatif:  
**Air Hujan**

Sumber air recycle:  
**Air Bekas, Air Kotor**

Pemanfaatan air recycle:  
**Flushing, Irigasi**

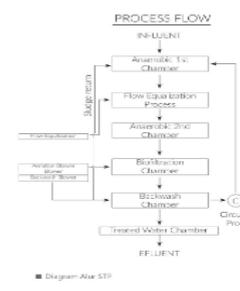
Ground Water Tank

Tandon Air Hujan

STP (Sewage Treatment Plant)

Tangki Limbah Kimia

**PROCESS FLOW**



IN-UJUN

Aerasi/21<sup>st</sup> Chamber

Flow Equalization Process

Aerasi/20<sup>th</sup> Chamber

Bioreaktor Chamber

Bioreaktor Chamber

Treated Water Chamber

EFFLUENT

Diagram Air STP

Lab. KI-14, Lab. Remediasi

Lab. Kontrol

STP (Sewage Treatment Plant)

Tangki Limbah Kimia (Gardol tank)

Polangan C-C

Tracing The U1 GreenMetric by FTCE, Integrated Chemical Engineering Learning Laboratory (IC-CELL)

## I-Cell Building of Faculty of Engineering (FT)



UI Hospital (RSUI)



Health Sciences Cluster (RIK) Building



Faculty of Engineering (FT)



Faculty of Engineering (FT)



**Faculty of Nursing (FIK)**



**Wastewater/sewage treatment equipment**

**Faculty of Nursing (FIK)**

## 2. Water Ground Tank



**Faculty of Medicine (FK)**



**Faculty of Economics and Business (FEB)**



**Faculty of Mathematic and Natural Sciences (FMIPA)**



**Faculty of Mathematic and Natural Sciences (FMIPA)**



**Vocational Program**



**Faculty of Medicine (FK)**



**Faculty of Dentistry (FKG)**



**Faculty of Economics and Business (FEB)**

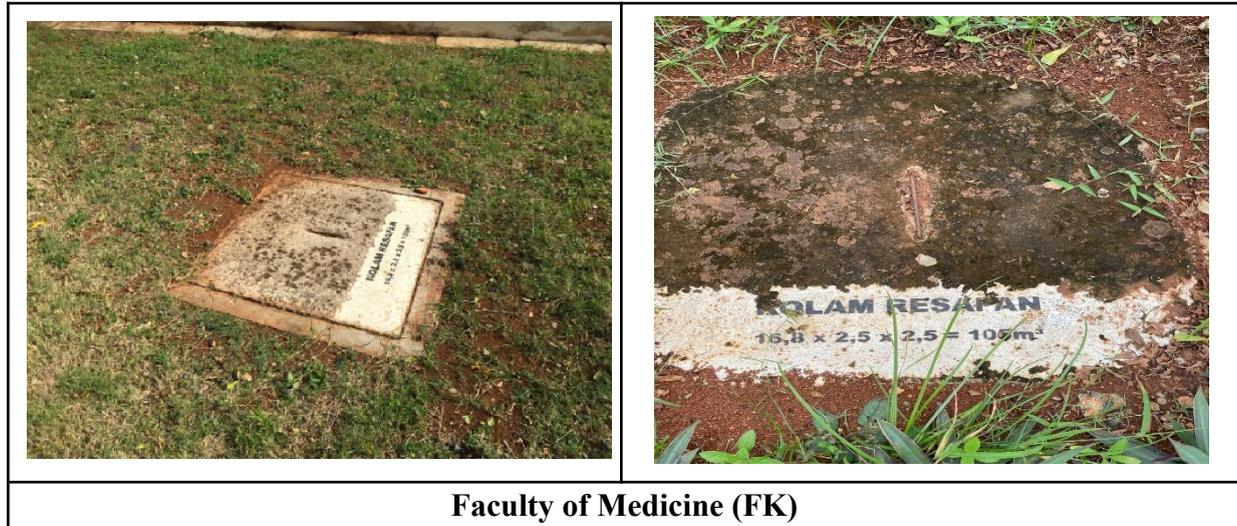


**Faculty of Social and Political Sciences (FISIP)**

		
<p align="center"><b>Health Sciences Cluster (RIK)</b></p>		<p align="center"><b>Faculty of Psychology</b></p>

**3. Infiltration Well.**

	
<p align="center"><b>Faculty of Economics and Business (FEB)</b></p>	<p align="center"><b>Faculty of Psychology</b></p>
	
<p align="center"><b>Faculty of Public Health (FKM)</b></p>	<p align="center"><b>Faculty of Psychology</b></p>



### Descripstion :

In preventing water contamination in water sources within the University of Indonesia, UI has implemented various policies that must be carried out by all work units. One of the activities carried out by UI to prevent water pollution is to process wastewater. Wastewater treatment needs to be carried out to prevent contamination of water sources from wastewater/dirty water generated from the daily activities of the university.

The University of Indonesia always carries out environmental monitoring and evaluation. From these results, UI received Environmental Documents (Environmental Documents) in the form of Environmental Evaluation Documents (DELH) and Environmental Permits from Depok and Jakarta BLH. The monitoring of the Environmental Management Plan (RKL) and the Environmental Monitoring Plan (RPL) by the University of Indonesia must be reported to the agency in charge of environmental management at the Capital City, Provincial and City levels. The report on the implementation of the RKL and RPL is a form of responsibility to disclose true and accurate information regarding the management and monitoring activities of the surrounding environment as well as to fulfill the community's right to obtain environmental information and participate in environmental management. Monitoring and evaluation of environmental quality in this sense becomes important, especially the quality of surface water and clean water

### Evidence Link :

1. <https://eng.ui.ac.id/blog/implementasi-program-pemanfaatan/>
2. <http://fk.ui.ac.id/kampus-hijau/air.html>
3. <https://k3l.ui.ac.id/download/dokumen-rencana-pengelolaan-lingkungan-hidup-dan-rencana-pemantauan-lingkungan-hidup/>