

## UI GreenMetric Questionnaire

University : Politeknik Pelayaran Sumatera Barat  
Country : Indonesia  
Web Address : <https://poltekpelsumbar.ac.id/>

### [3] Waste (WS)

#### [3.17] Sewage Disposal (WS.6)



Sewage Disposal (Politeknik Pelayaran Sumatera Barat, Padang Pariaman)

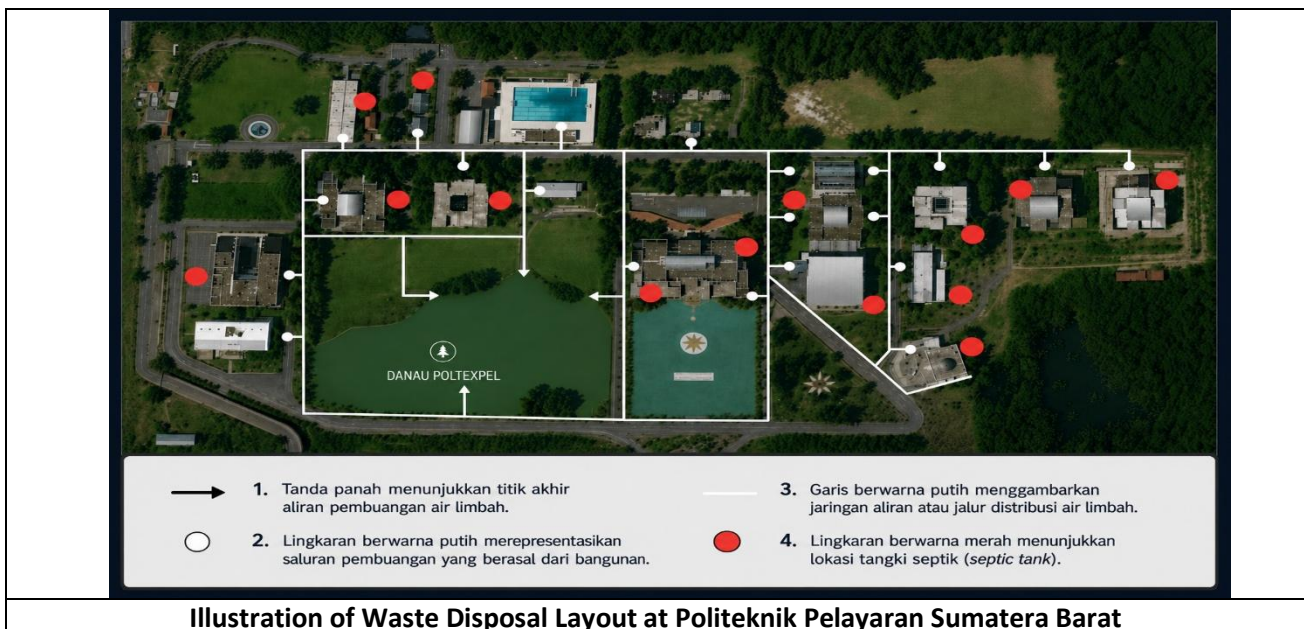


Illustration of Waste Disposal Layout at Politeknik Pelayaran Sumatera Barat

#### Description:

Politeknik Pelayaran Sumatera Barat (Poltekpel Sumbar) implements a sewage disposal system designed to ensure effective wastewater management across the campus area. The system separates wastewater based on its source to optimize treatment and minimize environmental impact.



For blackwater (waste from toilets and sanitation facilities), the campus provides **septic tanks** as the primary treatment system. These units function to collect, contain, and treat human waste through natural anaerobic processes, allowing solids to settle and decompose safely before further handling. This ensures proper sanitation and reduces potential health and environmental risks.

For greywater (wastewater from washing, bathing, and other non-toilet activities), the campus utilizes a natural drainage approach by directing the flow into the campus **lake**. The **lake** serves as a receiving body where wastewater undergoes natural filtration and stabilization processes, supporting water absorption and contributing to the ecological balance within the campus.

Through this system, Poltekel Sumbar ensures that sewage is managed efficiently by combining engineered facilities **septic tanks** and natural systems **lake** discharge. This approach supports proper drainage, reduces pollution, and maintains a clean, safe, and environmentally sustainable campus environment.

**Additional evidence link (i.e., for videos, more images, or other files that are not included in this file):**