

STP Design & Setup Guide

Water, RO & Sanitation

Document type: Plan / SOP / strategy / guide · Generated 14 Oct 2026

This guide explains what the tool produces, how to use the output, and what to watch for. The actual output (draft/report) is generated on the tool page.

Background

Produces an STP design brief for a building, township or institution — sewage load, technology choice, discharge and reuse norms and sizing — for compliance and water reuse. Use it to scope a sewage treatment plant.

Purpose of this tool & output

Design a sewage treatment plant

How the output is used

Use it to design a sewage treatment plant — an STP design and setup guide across load, process and reuse.

Important cautions

Indicative scoping; STP design and the mandate to install one depend on building or township size and state and PCB norms and need an environmental engineer. Confirm requirements and design with the authorities and a competent consultant.

Companion documents

- ETP Design & Setup Guide
- Water Treatment Plant (WTP) Design Guide
- Treatment Plant O&M SOP
- Effluent Compliance & Monitoring Plan
- Sludge Management Plan
- Treatment Plant Performance Audit

This is AI-assisted guidance. Verify with a qualified professional before any binding decision. Fees, authorities and processes vary by state and change over time — confirm with your state authority.