

Treatment Plant Performance Audit

Water, RO & Sanitation

Document type: Financial model / analysis · Generated 15 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

Audits an existing treatment plant against design and norms — performance gaps, compliance, energy and chemical use and O&M — with a corrective plan. Use it to fix an underperforming or non-compliant plant.

Purpose of this tool & output

Audit an ETP/STP for performance

How the output is used

Use it to audit an ETP or STP for performance — a treatment plant performance audit that finds process, compliance and efficiency gaps.

Who should vet it

An environmental engineer or auditor, to validate the audit findings and corrective actions before an inspection.

Important cautions

A structured audit from your inputs; a full assessment needs on-site data, sampling and design review. Prioritise compliance and confirm findings with an environmental engineer before major spend.

Companion documents

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

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.