

Water Recycling & Reuse Plan

Water, RO & Sanitation

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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

Builds a water recycling and reuse plan for a facility or township — mapping sources and uses, treatment for reuse, and savings — to cut freshwater cost and meet reuse mandates. Use it to design a reuse strategy.

Purpose of this tool & output

Recycle and reuse water to cut cost

How the output is used

Use it to recycle and reuse water to cut cost — a water recycling and reuse plan across treated-water reuse and zero-liquid-discharge options.

Important cautions

Reuse suitability depends on treated-water quality and the end-use and some uses have health and regulatory limits; dual plumbing needs planning. Confirm reuse-quality norms and any mandate with the authorities and validate savings.

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.