



SEWAGE WATER TREATMENT AND RECYCLING/REUSE PLANT, PHUKET

WOG Technologies partnered with Patong Municipality, Phuket, to address rising freshwater demand by installing and operating a 25 MLD sewage treatment and water recycling plant on a 30-year BOOT concession.

The plant produces high-quality potable water from treated sewage, meeting standards set by the Provisional Water Authority (PWA).

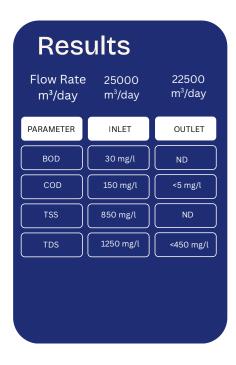


Challenges

- Growing freshwater demand in a major tourist hub.
- Limited availability of clean water for residents and visitors.
- Need for sustainable wastewater management to minimize environmental impact.
- Ensuring reliable, longterm operation in a hightourist area.

Solutions

- Multi-stage treatment:
 Flash → Floc → Lamella →
 Sand → UF → Cartridge →
 2-stage RO (90% recovery)
- End-to-end delivery: Design, engineering, supply, installation, commissioning, and 30-year O&M
- BOOT model: Ensures longterm sustainability and community benefits



For detailed techno-commercial proposal or site visit coordination.

Modern Drop us an e-mail at: info@woggroup.com

Impact

- Affordable potable water for residents & tourists
- Reduced environmental wastewater disposal
- Long-term local employment (30 years)
- Improved sustainability and resource efficiency