



SEAWATER DESALINATION, PATONG MUNICIPALITY, PHUKET

WOG Technologies partnered with Patong Municipality, Phuket, to meet rising freshwater demand by installing and operating a 25 MLD seawater desalination plant on a BOOT basis.

The plant takes 75 MLD of seawater and produces 25 MLD of highquality potable water, meeting potable water standards for the community and tourists.

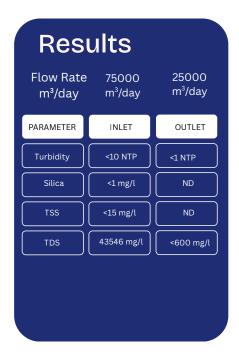


Challenges

- Increasing demand for potable water in a major tourist hub.
- Limited availability of freshwater resources and need to reduce groundwater exploitation.
- Managing seawater intake, piping and reject discharge sustainably.
- Ensuring long-term reliability and community benefit.

Solutions

- Seawater treatment: Intake
 → Self-Cleaning Filters →
 UF → Cartridge → RO (40%
 recovery)
- End-to-end delivery: Design, supply, installation, commissioning, and 30-year O&M
- BOOT model: Long-term sustainability and community benefits



For detailed techno-commercial proposal or site visit coordination.

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

Impact

- 40% recovery through RO system for efficient water use.
- Reliable water supply for residents and tourists.
- Continuous production of high-quality potable water from seawater.