

Erongo Desalination Plant

Erongo Desert Region, Namibia



60 MLD
water treated



55 %
plant recovery



NaCl; $\text{Mg}(\text{OH})_2$;
 MgCl_2 ; KCl



Supports Trekkopje
Uranium Mine

Seawater Desalination solution for
Southern Africa

CHALLENGES

The client needed a reliable source of water for uranium mining operations in a water-scarce region with no access to groundwater or surface water.

SOLUTION & TECHNOLOGIES

Nafasi designed and built a seawater desalination plant using ultrafiltration (UF) and reverse osmosis (RO).

BENEFITS

- ✓ Reliable water for mining
- ✓ Reduced environmental footprint
- ✓ Proven large-scale desalination expertise



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