

New Goreangab Water Reclamation Plant — Direct Potable Water Reuse in Windhoek, Namibia

PES & Nature-Based Solutions · Good practice · Namibia

Quality score: 33/100

Evidence strength: Cautionary / limited

Summary

Windhoek has turned reclaimed sewage into drinking water since 1968. The New Goreangab plant (2002) now supplies 21,000 m³/day — a quarter of the capital's water — with a second facility planned to reach 50% amid prolonged drought.

Key dimensions

Dimension	Score
Carbon — sequestration / storage, evidenced	0/3
Biodiversity — conservation / improvement, evidenced	0/3
Water & soil — retention, infiltration, erosion control	3/3
Fire resilience — risk reduction, evidenced	0/3
Governance, certification & transferability	2/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-08-28

[City of Windhoek / Windhoek Goreangab Operating Company \(WINGOC\)](#) — accessed 2026-08-28

[Aquatech Trade — Namibia's second direct potable reuse project](#) — accessed 2026-08-28

[Springer — Windhoek/Goreangab Direct Potable Water Reuse case study](#) — accessed 2026-08-28

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