

WATCH WATER UAE | TECHNICAL OVERVIEW

LonGeVa Media

LonGeVa™ Media is a multi-reaction treatment medium combining mineral conditioning, catalytic adsorption, scale prevention and redox treatment in one engineered bed. Watch Water presents it as a compact approach for producing clean, mineral-balanced and pH-stable water without salt regeneration or brine discharge.

TREATMENT FOCUS

- 01 **Scale prevention through NAC conditioning**
- 02 **Chlorine and selected organics**
- 03 **PFAS and emerging-contaminant support**
- 04 **Mineral and magnesium balance**
- 05 **pH stabilisation**
- 06 **Biological and redox treatment support**

TECHNICAL WORKFLOW

- 01 Prefilter: Remove excessive turbidity and suspended solids before the multi-reaction media bed.
- 02 Adsorb: Catalytic and adsorptive components target chlorine, organics and selected difficult contaminants.
- 03 Condition: NAC-based conditioning changes the behaviour of scale-forming calcium without sodium-cycle softening.
- 04 Balance: Mineral reactions support magnesium availability and a stable, non-aggressive treated-water profile.