



GREENCHAIN GROUP

WATER TREATMENT SPECIALISTS

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What we do

At Greenchain Group we believe in the importance of sustainable water solutions and quality customer service.

We provide water treatment systems and services for commercial, industrial and bulk water supply projects. Our treatment and purification systems are suitable for a wide variety of water sources, from surface and groundwater to seawater and effluent.

Every system is custom designed by our engineers and hand built in the Cape Town area. We design, manufacture, deliver, install and maintain water filtration systems nationwide and in Africa. Feel free to contact us directly for both national and international queries.



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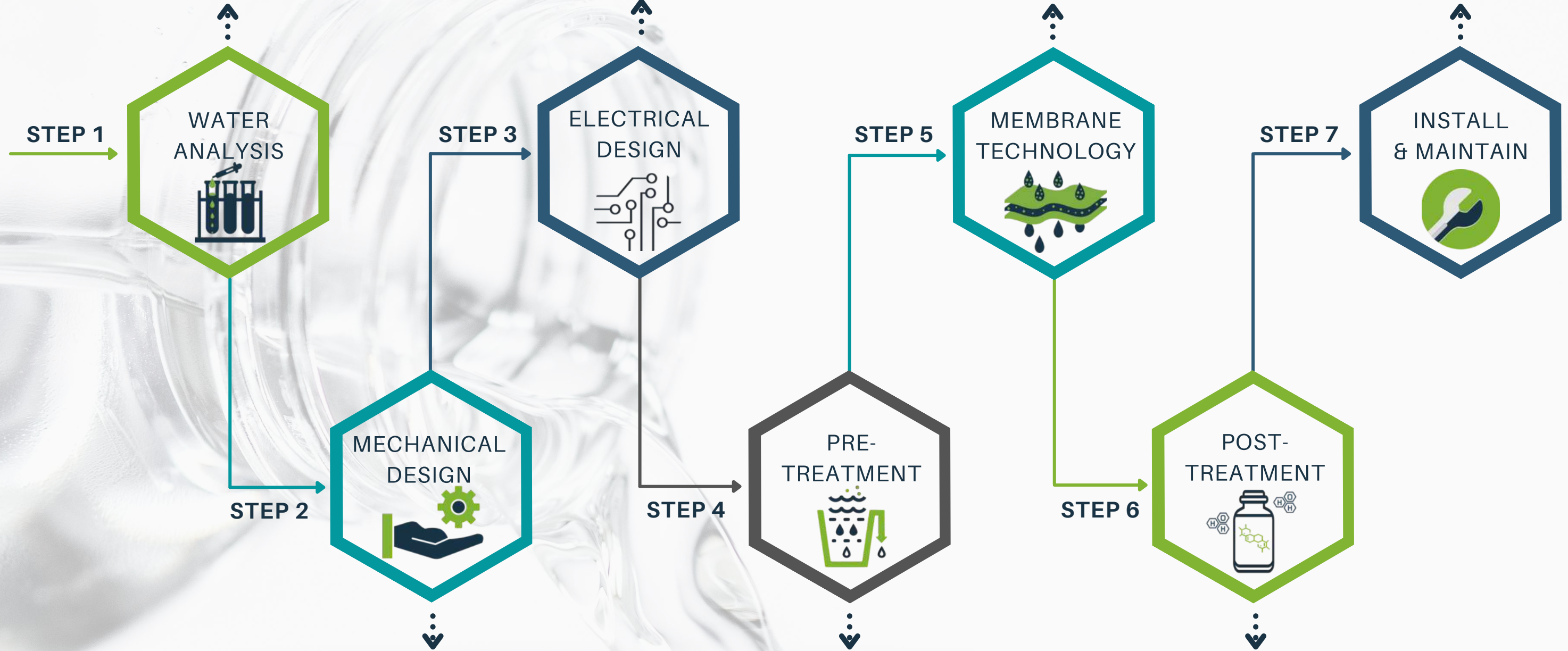
WATER TREATMENT SPECIALISTS

- Outsourced accredited water testing to help us design the best suited water treatment plant.
- In-house testing to determine optimal operating conditions.

- Control automation.
- Purpose built microcontrollers for water treatment.
- Electrical distribution design and operation.

- Brackish water Reverse Osmosis.
- Energy efficient rejection with Nano Filtration.
- Advanced clarification with Ultrafiltration.
- Seawater desalination.

- Professional installation teams.
- Service level agreements.



- Engineered pump design and selection for best performance.
- Engineered pipework for accurate velocities and pressure losses.
- 3-Dimensional framework for space saving and ease of access.
- Containerized spaces for controlled environments

- Conventional pre-treatment such as flocculation, sedimentation and clarification.
- Media filtration engineered for a range of applications.

- Balancing treated water using calcium carbonate and pH correction.
- UV Disinfection.
- Controlled chlorine disinfection.
- Polishing to pharmaceutical or laboratory quality using resins.

- Alternative water for factories, production, reticulation and more
- Water balancing analysis for optimal design
- Cost saving models for realistic payback periods

- Quality control for production consistency
- Strict compliance control in design and maintenance
- Efficient design for waste reduction and energy efficiency



- Strict quality control
- Ultra-pure water production
- Minimising disruptions and unnecessary downtime

- Salt removal for sensitive soils and plant types
- Contaminant removal for staining



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- Alternative potable water supply for residents and gardens
- Cost saving models for realistic payback periods
- Automated and compliant integration with municipal water source

- Containerized solutions for remote applications
- Mobile plants for relocating sites
- Multiple source control for any location



- Quality control to meet or improve crop yields
- Sterilization for skinless food types
- Targeted compound removal for fouling control

- SANS241 water supply systems
- Bulk design for compact filtration and reservoirs
- Strategic partners for project managed outcomes