

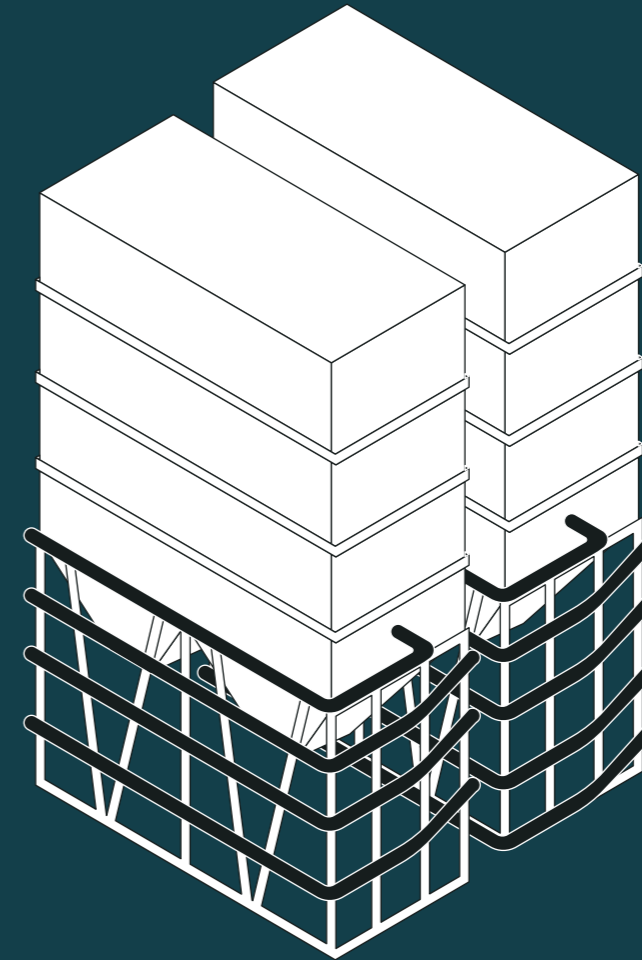
SetFlocTM

SetFloc

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The SetFloc™ is a Conventional Water Treatment System:

- Coagulation
- Flocculation
- Sedimentation
- Filtration
- Disinfection
- Stabilisation

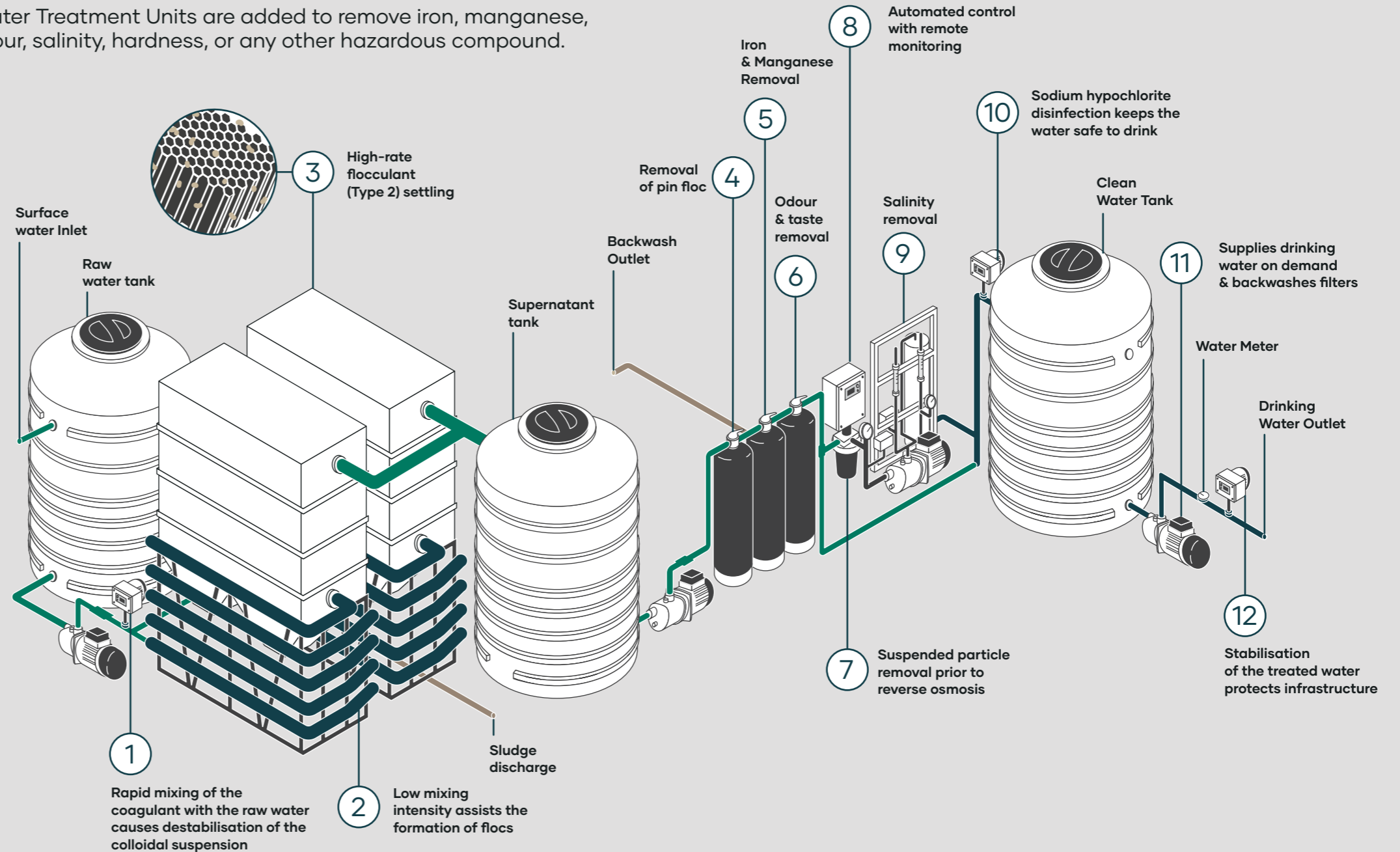
An automated, modular, on-site Water Treatment Plant, ranging from 50 to > 1 000 m³ per day.

SetFloc™



The SetFloc™ utilises the processes of rapid mixing, coagulation, flocculation, sedimentation and filtration to remove colour and/or turbidity from river and dam water. Chlorination of the treated water ensures microbial-free drinking water throughout the water supply system, while stabilisation protects infrastructure against aggression, corrosion and scaling.

Advanced Water Treatment Units are added to remove iron, manganese, taste and odour, salinity, hardness, or any other hazardous compound.



1. Coagulant Dosing Pump
2. Pipe Flocculator
3. Lamellae Settler
4. Glass Media Filter

5. Greensand Filter
6. GAC Filter (Optional)
7. Micro Filter
8. Control Panel

9. Reverse Osmosis Unit (Optional)
10. Chlorine Dosing Pump
11. Drinking Water Supply Pump
12. Stabilisation Dosing Pump

A unique, compact design allows the treatment of large volumes in a small space.

When installing a SetFloc™, you do not need additional pump stations or treatment units.

The SetFloc™ is the complete on-site water treatment solution.

Special Features

- All-in-one system
- Modular
- Compact
- Site flexibility
- Fast installation
- Small footprint
- Low noise
- Low on electricity
- Solar-power option
- Low maintenance
- Low operator intervention
- Remote monitoring
- Automated sludge discharge
- Treatment of high-turbidity water
- Compliant with WHO Guidelines for Drinking Water Quality and SANS 241

Applications

- Housing Developments
- Rural Communities
- Farms
- Schools
- Golf Estates
- Game Lodges
- Camping Sites
- Nature Reserves
- Hotels
- Shopping Malls
- Factories
- Mines
- Municipalities

Ndlamba
Municipality

Bathurst (EC, South Africa)
Municipality

2017

River Water Treatment
SetFloc
300 kl/d
Drinking Water