

Pile Cloth Media Filtration

Walsall Wood WwTW



The first Mecana installation in Severn Trent to treat Nereda discharge and first in the UK with ferric dosing to a Nereda discharge to control the final effluent total Phosphorus concentration

Scope of services

- Design
- Manufacture
- Installation
- Commission
- Process support

Scope of delivery

- 3 x Mecana SF12/60 Unit
- 2 x Flocculation tanks including flocculators and static mixers
- Local Control Panel
- All associated pipework & valves
- GMS Access Steelwork

Specifics

- Grade 304 stainless steel
- Microfibre Cloth
- Each filter 60 sq. metres of cloth
- Total: 180 sq. metres of cloth

Technical data

- Design Horizon 2026
- Effluent P Consent @ 0.5 mg/l
- Influent FFT @ 15,509 cubic metres/day (180 l/s)
- Population Equivalent: 26,250

Client
Severn Trent

Completion
December 2019
