

Pile Cloth Media Filtration

Thames Batch - 16 sites across Northamptonshire, Oxfordshire, Buckinghamshire, Hampshire and Essex



Scope of services

- Design
- Manufacture
- Installation
- Commission

Scope of delivery

- 6 x Mecana SF2/10. disc filter units
- 1 x Mecana SF4/20. disc filter units
- 3 x SF6/30. disc filter units
- 3 x Mecana TF-4 drum filter units
- 2 x Mecana TF-6 drum filter units
- 23 x Eliquo Hydrok control panels
- 10 x Flocculation tanks with 2 x 0.2kW agitators
- All associated pipework with AVK knife gate valves
- Walkways and Spare parts

Specifics

- Grade 304 stainless steel
- Microfibre Cloth
 - Each Drum filter 4-6m²
 - Each Disc filter 10-30m²
- Tank mounted LCPs
- NCE3 Contract-Option A delivery using CEMAR web platform

Technical data

- Tertiary filtration to 12 mg/l
- Influent TSS @ 35-60 mg/l
- Max hydraulic flow 52 L/sec

Client

Thames Water
Principal contractor: SMB JV

Completion

January 2020