

Slough STW

Product:	Hydrotech Discfilter
Model:	3 x HSF2220-2F
Client:	Thames Water
Application:	Tertiary treatment
Maximum Flow:	550 l/sec
Completion Date:	Nov 2005



Project

The contract for Slough STW was for the design and installation of a new tertiary treatment plant as part of an upgrade to the existing works. The upgraded works consist of inlet screens, primary tanks, activated sludge (BNR) followed by final tanks to treat 1,370 l/sec FFT. The Hydrotech Discfilters placed after the final tanks were designed to treat 550 l/sec with a maximum solids load of 30 mg/l and produce a final effluent to meet a 10 mg/l design standard for blending. The design has provision to increase the treated flow to 890 l/sec.



The contract included the design and supply of three Hydrotech Discfilters complete with local control panels. Veolia Water Solutions & Technologies were responsible for the installation and commissioning with the principle contractor responsible for the civil design and construction.