

PFT Odour Control System

Clean water protects the final effluent booster pumps

Operator

Thames Water Utilities Limited, Beckton Sewage Treatment Works, East Ham, London, United Kingdom.

Background

A high level investment of £67m has been provided as part of a key project to significantly reduce odour levels around the site, including 16 primary settlement tanks, an area roughly the size of 10 football pitches, which comprises the installation of both odour containment covers and odour removal plant to significantly reduce odour emissions (target of 50% reduction).

Description of the solution

For this application, 2 x BOLLFILTER Automatic Type 6.18 units are fitted within the PFT Odour Control system. The BOLLFILTER units provide clean filtered washwater used as part of the odour control process protecting the final effluent booster pumps. In addition to our quarterly service plan with Thames Water at Beckton, the BOLLFILTER UK Service Team have recently carried out a full refurbishment of these filters.

Advantages and benefit for the customer

The refurbishment works rectified issues on the MCC site controls, as well as mechanical works on both filters. By ensuring the BOLLFILTER aspect of the PFT system is working efficiently, Thames Water are able to achieve important environmental performance targets.

The site management team were impressed with the professional planning and execution of the work, carried out by the BOLLFILTER UK Service Team.

Testimonial

Aziz Mustafa, Technical Co-ordinator, Beckton Sewage works said; "BOLLFILTER is one of our valued contractors that gives us a good service with the work we are doing at Beckton STW. The filters are maintained to a high standard by way of regular planned maintenance by BOLLFILTER engineers. Thanks for the great work you have put in to get filters up and running, we will look forward to your revisit."

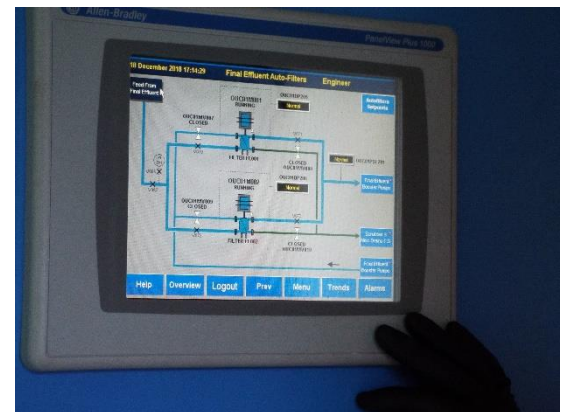
System 2 x BOLLFILTER Automatic Type 6.18 DN50
Filtration Level: 100 micron
Flow Rate: 38 m3/hr
Operating Pressure: 3 bar



2 x BOLLFILTER Type 6.18 DN150 Odour Control Filters



Alex Wood checks BOLLFILTER status in the PFT System



2 x BOLLFILTER units are running at peak performance



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