

Thames Water - Full refurbishment of CF200 Inlet Screens No's 4 & 5 - Beddington Sewage Treatment Works



Beddington Sewage Treatment Works

- Existing asset fully refurbished, using like for like OEM parts
- Principal contractor role
- Off-site refurbishment
- Jacopa's knowledge and expertise of the asset

The Brief

Beddington Sewage Treatment Works is located within the London Borough of Sutton and the site treats the wastewater from a population of some 360,000. Jacopa were instructed by Thames Water to survey the screens and provide a full refurbishment of the existing assets, whilst working directly for Thames Water, acting as principal contractor under CDM regulations. Jacopa subsequently undertook the full refurbishment including fitting new panel seals, new roller track, head shaft bearings, drive chain, motor gearbox, screen mesh panels and washer.

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The Solution

Jacopa took over the designated site area, removed and transported the screens back to its workshop facility where their experienced engineers carried out the work. A full strip down was then followed by a comprehensive rebuild of the screens using OEM parts. On completion the screens were shipped back to site and re-installed where they were fully tested and re-commissioned to ensure they were set up and working to the client's satisfaction.

The Outcome

The asset life of the screens has been extended to provide many further years of service. Full operational capability has been restored ensuring reliable process delivery and reinstating the vital barrier against rag and debris carry over which can result in equipment downtime and costly rectification further downstream.

