

Cannington STW, Water Treatment

Overview:

Site Location:	>> Cannington, Somerset
Client:	>> Wessex Water
Contract Value:	>> £1,580,000
Programme	>> 52 Weeks

Lewis operate at the Strategic Partner level within the Wessex Water AMP 6 Delivery programme. The Cannington STW scheme formed part of this delivery programme. The site was identified for improvement as part of the Wessex Water Burnham Jetty Bathing Water Initiative and will also become subject to UV disinfection discharge consent with effect from 31st March 2018 .

The anticipated outputs would be achieved by implementing the following key works:-

- New Reinforced Concrete primary distribution chamber
- New 6 m diameter RC conical primary settlement tank
- New 19 m diameter precast concrete biological filter
- Refurbishment of existing filters
- New UV treatment plant
- Associated chambers and pipework



LCE were engaged to undertake constructability advice early in the design phase which proved to be a major component of a successful delivery.

Works were undertaken using a self-delivery model with support from our supply chain for the design and supply for the biological filter works.



This scheme, consisting of a range of complex structures encompassing the full treatment process has been delivered to a tight programme and within budget. A key component to the successful delivery was the collaborative working relationship of a number of key stakeholders including site operations and client appointed specialist subcontractors.

