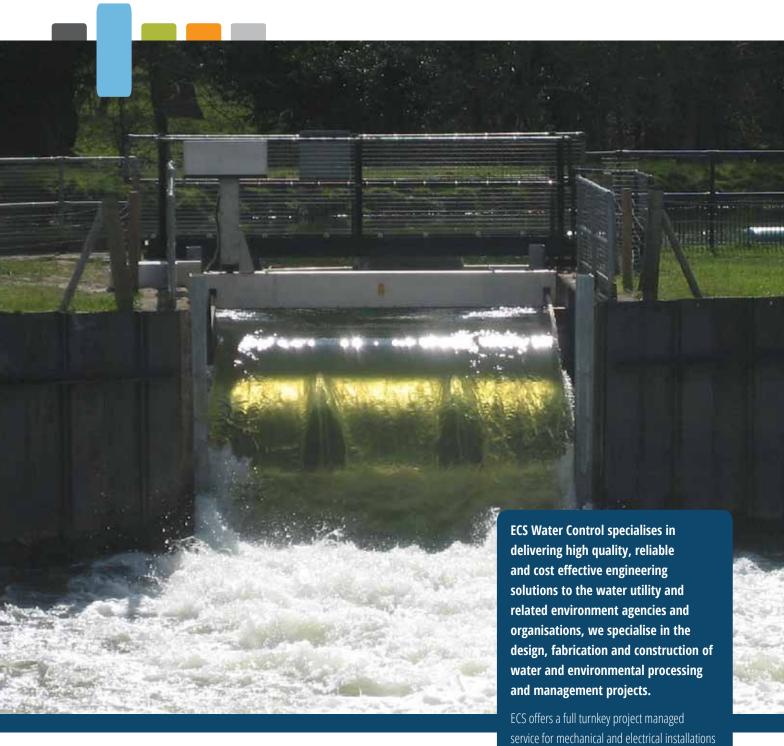
Case Study: 002





Rotary Sluice

ECS offers a full turnkey project managed service for mechanical and electrical installations including managing civils contractors and supplying pipework, fabrication, control and automation work to ensure that every installation is installed and commissioned to the highest standard. Existing clients include the majority of the UK Water Utility companies, Government Agencies and Internal Drainage Boards.



In this £156,000 scheme for the Environment Agency, ECS Engineering Services undertook a procurement exercise to source a replacement rotary sluice gate at the best whole life cost to the client.

The failure of the existing gate had led to localised flooding, so the installation of the replacement was complicated by the need to provide secure, viable access to the site for all

of the required materials over very soft ground.

The new stainless steel rotary sluice was procured by ECS and transported to the site, aided by the use of a set of hired-in track mats, which also allowed suitable access for the necessary craneage.

The flow was controlled using a system of temporary stop logs and the existing gate was removed. The new gate was installed and an electrical actuator was fitted together with a new control system.

All mechanical and electrical works were undertaken using our own skilled and experienced labour force giving the client a robust, durable upgrade to their asset.

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