



**ECS Water Control specialises in delivering high quality, reliable and cost effective engineering solutions to the water utility and related environment agencies and organisations, we specialise in the design, fabrication and construction of water and environmental processing and management projects.**

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.

# Rotary Sluice

# Case Study: 002 Rotary Sluice



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.

**Landustrie** 

**InfraCore** 



**UVDB**  
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# ECS

Engineering Services  

Water Control   Site Services    
Environmental   Fabrications  

