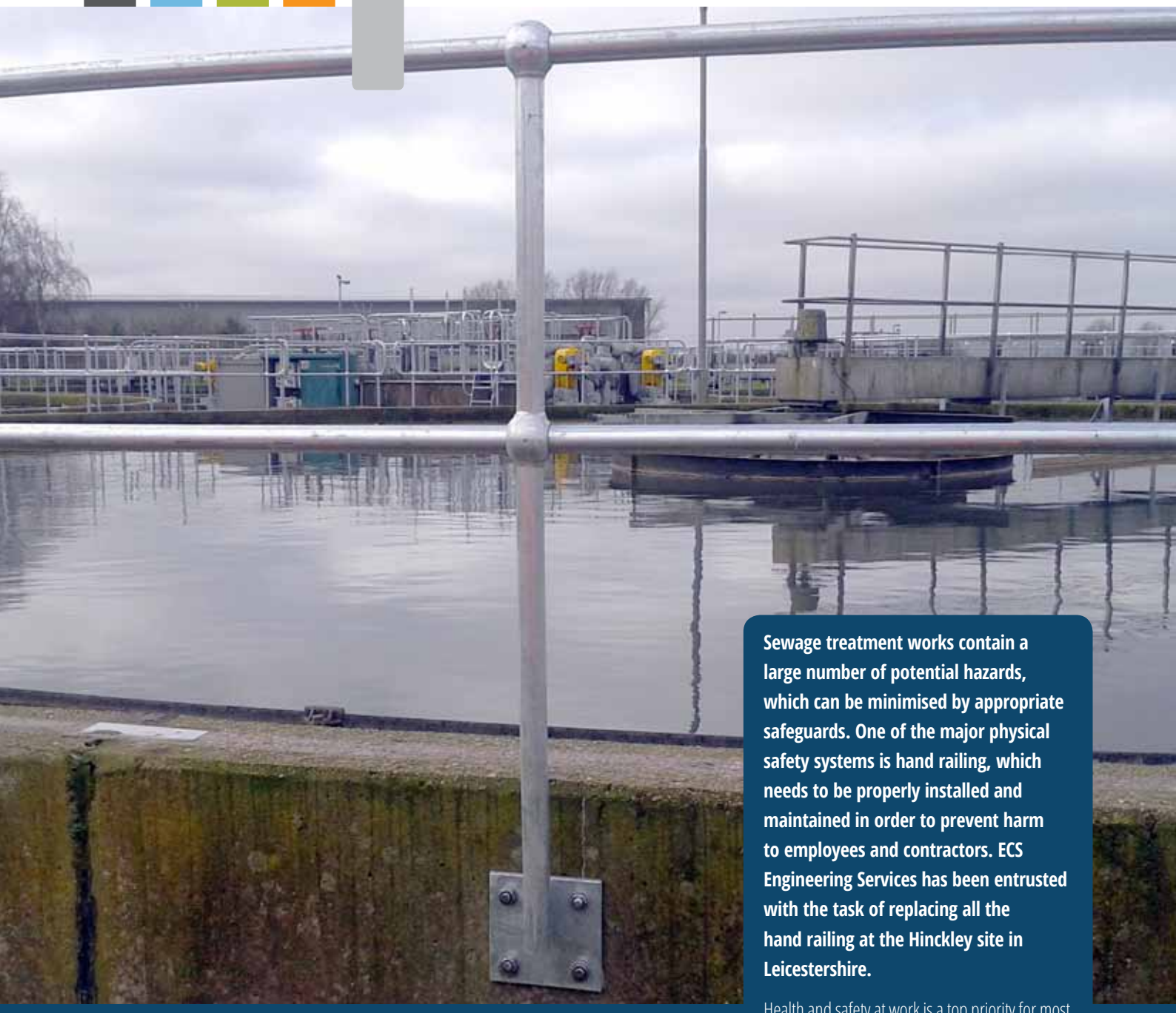
Case Study: 017

ECS Fabrications



# Hinckley Sewage Treatment Works

**Sewage treatment works contain a large number of potential hazards, which can be minimised by appropriate safeguards. One of the major physical safety systems is hand railing, which needs to be properly installed and maintained in order to prevent harm to employees and contractors. ECS Engineering Services has been entrusted with the task of replacing all the hand railing at the Hinckley site in Leicestershire.**

Health and safety at work is a top priority for most companies, so identifying potential hazards is crucial in being able to attribute suitable budgets to ensure that appropriate action is taken. Severn Trent Water, who operate a large number of sewage treatment sites, have a policy of letting every person who is visiting or working on a site submit a report regarding any issue that could potentially be a risk.

Case Study: 017

# Hinckley Sewage Treatment Works



**Severn Trent Water requested ECS, which has a framework agreement for fabrication and steelwork, to complete this important project**

This proactive approach has led to many improvements that may otherwise have been missed. In the case of Hinckley, an assessment of the overall site led to a proposal to replace all of the existing barriers and to also install new hand railing and access steelwork in areas where previously there had been none. Severn Trent Water requested ECS, which has a framework agreement for fabrication and steelwork, to complete this important project.

Andy Swindells, Project Manager, comments 'The Hinckley site covers a large area and contains several assets that need to have suitable barriers in place. Previously, some of the hand railing required work to meet current regulations while some areas required new barriers to be installed in order to provide additional protection to personnel on site. The project has been carefully planned so as to ensure minimal disruption to the operators.

'We developed a detailed method statement and risk assessment for the project because we knew our engineers would be removing an existing safety barrier before installing the new hand railing. This meant that extra care must be taken throughout the project to ensure that we maintained our excellent safety record.'

Part of the project will involve ECS installing new hand railing on four primary settlement tanks, which will involve bending the pipework to suit the 24m diameter tanks. In addition, the site engineers will also be installing access steelwork and a viewing platform to allow the site operators improved access to various assets on site.

All of the additional steelwork will be designed and fabricated by ECS engineers at the new Fulwood fabrication site, ready for installation at the same time as the hand railing. All of the equipment being supplied will be hot-dip galvanised in order to meet customer standards and to ensure enduring corrosion resistance.

Landustrie

InfraCore inside

CE

NICEIC

UVDB empowered by Achilles

UVDB verify

CHAS Accredited Contractor

BM TRADA CERTIFICATION

RoSPA Member

ECS Engineering Services

Water Control · Site Services · Environmental · Fabrications

**ECS Engineering Services Ltd** • **T:** 01773 860001 • **E:** info@ecsengineeringservices.com • **W:** www.ecsengineeringservices.com