



Repainting of Colwick Sluice awarded to ECS Engineering Services

As part of the continued work on Colwick Sluice, ECS has been awarded a contract to repaint the structure on the River Trent to improve durability and reduce corrosion. The project forms part of a wider initiative conducted on behalf of the Environment Agency, with the aim of improving safety and operational efficiency at the installation.

Case Study: 054 Repainting of Colwick Sluice awarded to ECS Engineering Services



Colwick Sluice is comprised of five vertical rising steel gates, forming a vital section of flood control infrastructure in the area. ECS has already carried out extensive work on the gates and associated control systems, but will now proceed with blasting and repainting sections of the sluice. The re-painting process requires increased environmental sensitivity, but as an appointed framework contractor to the Environment Agency, ECS was selected due to a proven track record in water control projects spanning over 25 years.

The project will require ECS to encapsulate areas of the sluice with scaffolding, which will

ensure that any debris generated during work is collected and safely disposed of. To paint the steel beams present in the structure, a gantry and walkway will have to be removed, with ECS engineers relying on the scaffolding to ensure smooth and safe operations throughout.

The scaffold has been carefully designed to enable access to the structure for painting, as well as providing support for an encapsulation system that will collect all of the debris generated during the work. Having collected the debris, it will then be removed from site avoiding any contamination of the river. ECS combines a unique set of expertise in operating

in environmentally sensitive areas, providing turnkey solutions that attain engineering requirements while causing minimal impact to the environment.

Phil Anderson, ECS Project Manager at Colwick Sluice commented: "As a full service provider with an ethos of preserving environmentally sensitive sites, ECS is uniquely positioned to take on work of this kind. Over the course of the project we will adhere to the environmental standards and safety practices required by the Environment Agency, so that we can further improve Colwick Sluice to offer increased flood control capabilities in the local area."



Engineering Services ■■

Water Control ■■ Site Services ■■
Environmental ■■ Fabrications ■■

