

Keadby Pumping Station in the Isle of Axholme

We are working to improve Keadby Pumping Station so that we can continue to manage flood risk across the Isle of Axholme. This briefing will tell you why the work is needed, what is happening and how you can contact us.

Background

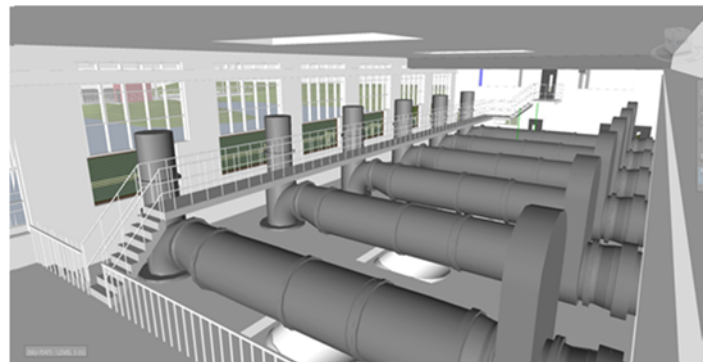
Keadby Pumping Station is at the end of a complex network of rivers and pumping stations within the low-lying Isle of Axholme. The pumps help transfer flood water from the Three Rivers into the River Trent during high tides, servicing a catchment of some 37,000 hectares.

Why are the improvements needed?

Keadby Pumping Station is nearly 80 years old and has reached the end of its working life. The current pumps and associated equipment is unreliable, inefficient and costly to maintain.

What is happening?

We have been working in partnership with North Lincolnshire Council, Doncaster Metropolitan Borough Council, Doncaster East Internal Drainage Board and the Isle of Axholme and North Nottinghamshire Water Level Management Board to consider our options. This work has involved the assessment of river models, the study of historic flooding and the analysis of the existing pumping station's operation, which has enabled us to establish the best and most sustainable solution to improve the Pumping Station and manage water in the wider Isle of Axholme.



Visualisation of Refurbished Pumping Station

The preferred option is to reuse the existing building fitted with new pumps and equipment that comply with current health, safety and environmental legislation. These new pumps and equipment will increase reliability and efficiency leading to more effective water level management in the Isle of Axholme. The new pumps will also improve the access for fish and eels to migrate between the Three Rivers and the River Trent. Improved access to the River Trent outfall for maintenance will also help reduce the risk of blockages caused by silt and debris and will help to extend the life of the structure into the future.

How can I find out more?

A public drop-in session will be held between 11:00 and 18:30 on the 29th November 2018, at Keadby Church Hall, Station Road, Keadby. Representatives from the Environment Agency, local IDBs and North Lincolnshire council will be available to answer any questions the public may have about the project and delivery timescales.

If you want to contact us email: IsleofAxholmeStrategy@environment-agency.gov.uk