

Working to reduce flood risk in your area.

May 2024

Improvements to Cawood flood risk management assets

This document aims to provide you and your community with details of our current and planned work in Cawood.

Transfer of Bishop Dyke Pumping Station from Yorkshire Water to the Environment Agency

You may be aware that the Environment Agency and Yorkshire water have been working towards the transfer of the pumping station on Old Road to our control. The map below shows the location of the pumping station and associated assets.

The Environment Agency has finalised a project design to be delivered this financial year to improve the reliability of the Pumping Station. The transfer of the asset will take place at the commencement of the refurbishment project. Our contractor BAM Nuttall have scheduled a start date for this project of the 28th of May 2024; however, this is subject to change.



We have agreed with Cawood Parish Council to site a small secure compound/working area between the pumping station and the bridge. The impacts of delivering this refurbishment on the residents of Cawood is expected to be minimal, with work confined to the building/compound, small numbers of people working on site at sociable times and in the main modest deliveries of equipment/materials.

The first phase of the project will install temporary pumps and control equipment. This will mean that the pumping station will be able to pump more water than is possible at present. During this phase our contractor will need to use a HIAB (lorry mounted crane) from the bridge end of Old Road and having an area free of parked vehicles will make this activity much easier. We will use cones and signs to show where we will be working and would politely request that you leave the marked area clear between the

27th and 31st May 2024 to facilitate this phase of the project.

The lead time for the new permanent pumps is around 6 months so there will be a period where there is minimal site presence or activity. The second phase of the project will then focus on preparing for and installation of the permanent pumps. The project has been developed in this way to ensure that the station is reliable from the point the asset is under Environment Agency control. The current expectation is that the project will be completed by the end of March 2025.



Foreshore Monitoring

The Environment Agency commissioned a series of monitoring surveys of Cawood foreshore, which started in September 2022, with 7 surveys to date. We are using the surveys to monitor the amount of movement occurring in the area between the church and the bridge, shown in the map below. The data will provide us with evidence to inform decisions on how we maintain the foreshore and flood risk management assets in the future.



The initial work involved: installation of stainless-steel monitoring points in the crest of the floodwall (by way of drilling and fixing), and multiple ground markers at intervals between the floodwall and the river's edge. These markers are being monitored for movement using a manual height measuring tool. Additionally, we have also recently installed three glass tell-tale monitors to measure cracks occurring on the wall.

The surveys to date have shown there is minor movement on the foreshore, with an average elevation change of less than 1mm. We have commissioned 3 more surveys to further build our understanding of what is happening. This data and our analysis of it will underpin short, medium and long-term asset management decisions.

We greatly appreciate the cooperation we have received from the residents affected, in allowing us to carry out this monitoring.

Future Capital Works

The Environment Agency is constantly reviewing the condition of the assets which manage flood risk from main rivers, working in partnership with other risk management authorities to deliver the best standard of protection and asset reliability with the funding available. We are currently assessing both the Lower Wharfe and Lower Ouse catchments considering both the present day and future risk. This will include an assessment of the condition of the assets which protect Cawood Village.

Who can I contact for more information?

If you would like further information on these projects, please get in touch using the contact details below:

YORKS.AP.SUNOW@environment-agency.gov.uk

Post - National Customer Contact Centre PO Box 544 Rotherham S60 1BY United Kingdom

Telephone - 03708 506 506 (Monday to Friday, 8am-6pm)

Incident Hotline - 0800 80 70 60 - to report urgent or emergency issues to the EA.

BAM Nuttall Site Agent - Craig Smith 07443 267415. If there is an urgent need to raise an issue outside office hours, please contact the Incident Hotline number above and ask for the York Flood Incident Duty Officer.

