

As we continue to develop the method for delivering the foundations for the new flood wall in this location, a further trial piling activity will take place week commencing the 11th of November 2024 for a period of two weeks. This trial piling activity further develops the piling method we trialled earlier in July.

How will the trial be delivered?

The trial will be undertaken by Volker Ground Engineering using a specialist piling rig and supporting equipment. The piling rig and equipment will access the working area over the in-river bridge crossing and work from the riverside platform. There will be a number of trials undertaken in various locations along the riverside between Edgecombe Court and Waterside Café.

Pedestrian access?

Pedestrian access along Waterside will be closed for the duration of the trial from 11th November for two weeks. The footpath needs to be closed for safety reasons due to the close proximity of the pile trial activity to the footpath. The footpath will be closed from Edgecombe Court to Waterside Café. We will maintain access to Waterside Café for the majority of these works. Once the trial is complete, the footpath will be reopened.

What Is different from the last piling trial in July?

The Piling method used previously in July is known as a ‘down the hole hammer’. Following the review of the success of the trial pile, this technique has been modified to ensure it can be delivered sensitively enough so that it meets the environmental requirements and technical requirements needed to ensure all the surrounding infrastructure and services are undisturbed during the piling activities. It is fundamental in this location that we are able to deliver a solid and secure foundation for the flood defence wall to be built upon.

This modified technique is designed to break through underground boulders and rock. Using this technique, we are trialling two methods.

1. Using a spiral flush system, it will allow for better control of the air the system blows into the hammer to extract the broken ground.
2. Using smaller diameter piles, which creates a smaller surface area for the pile to drive into. This will create a quieter operation with less vibration, but it would require more piles to be placed into the ground.

There will be noise and vibration monitoring in place during this full activity.



The piling rig which will be used and located on the temporary riverside platform

Contact us and keep up to date

We will continue to keep you up to date on scheme progress and provide further information on the methods of construction, scheme aesthetics and finishes and programme of works.

Visit our online information hub at www.thefloodhub.co.uk/kendal

Follow us on Twitter @EnvAgencyNW

Get in touch by emailing kendalFRMS@environment-agency.gov.uk

Contact us on 03708 506 506



Come and see us at our Flood Scheme Information Hub located on Beeson Road (adjacent to Lidl), Kendal, LA9 6BW. Open every Tuesday and Thursday 10am to 4.30pm.



VolkerStevin Engage

Our new project app allows you to keep up to date on the Kendal Flood Risk Management Scheme, view construction progress, images and provide feedback. Scan the QR code to download.

