

# Kendal Flood Risk Management Scheme

## Reducing flood risk in your community



### Flood wall construction at Waterside

A new flood defence wall is being constructed along Waterside. The new glass topped flood wall will extend from the top of Kent View along the riverside to downstream of Edgecombe Court.

The flood wall has an integrated flood gate which will be closed in flood conditions once the full scheme is complete.

Visualisation showing new glass topped flood wall and flood gates. The glass panels will retain riverside views.

### Temporary bridge crossing and platform

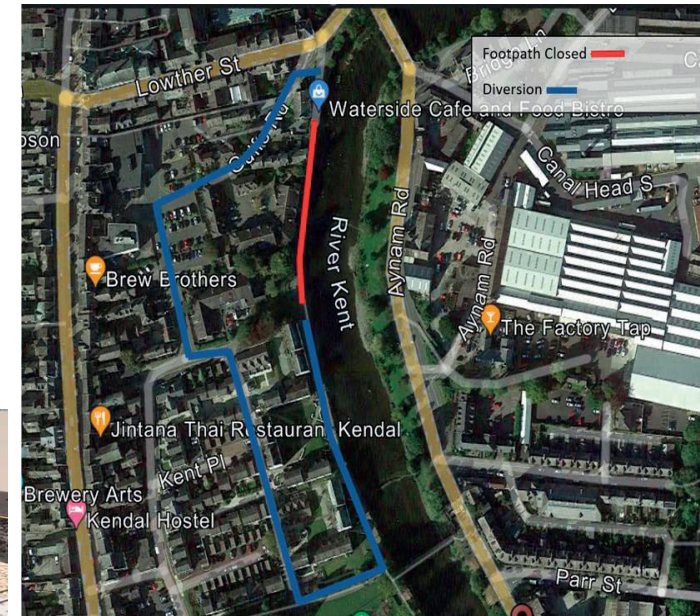
The new flood wall along Waterside is being constructed from the temporary riverside working platform which provides the working space required and protects vital services that run underground along Waterside.

The temporary bridge crossing and platform aids the construction of the flood wall. The bridge crossing provides a stable river crossing for construction traffic and materials to the work area.

The bridge and platform have been designed to with stand high river flows and poses no increase in flood risk to this area.

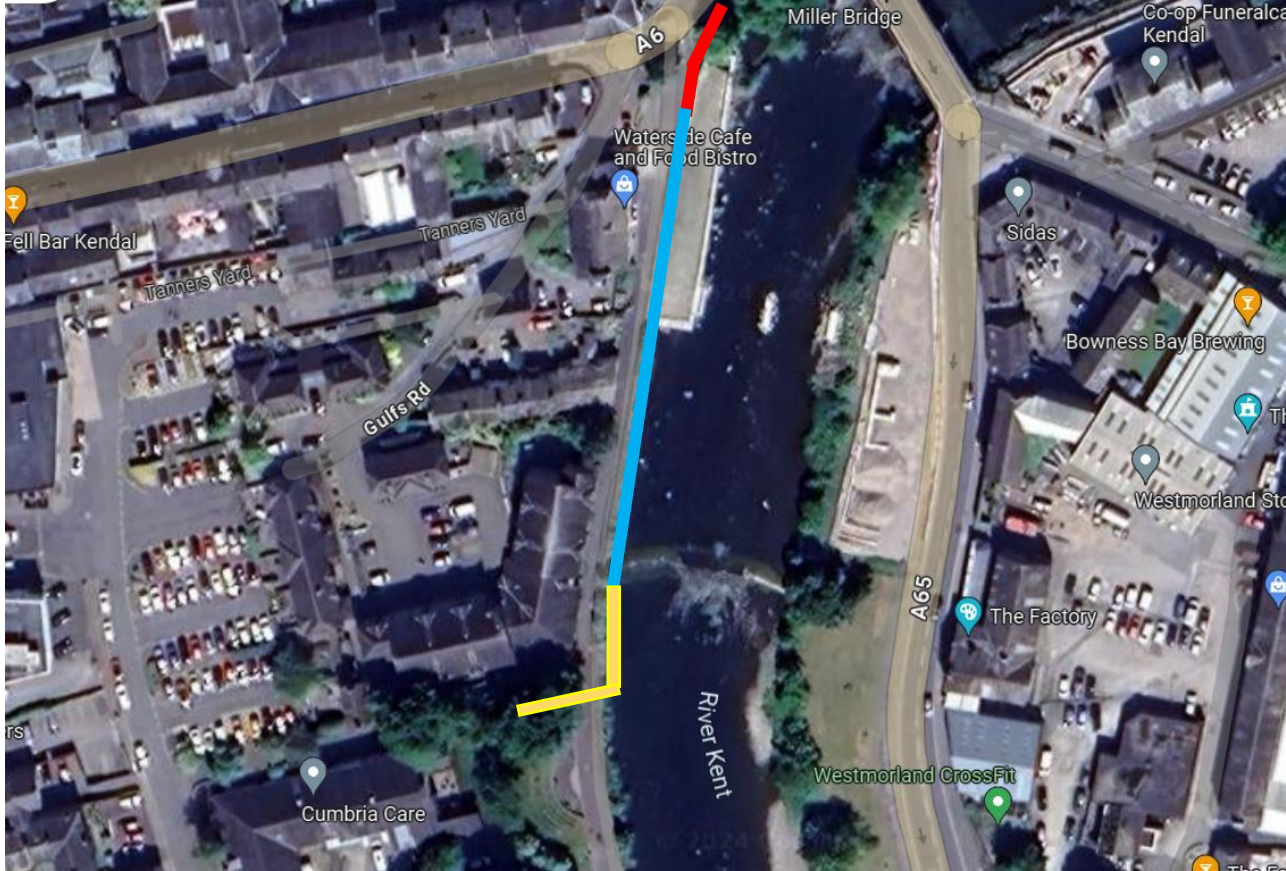
### Footpath diversion

There may be times when we may have to close a section of the footpath due to our works. If this is required, the following footpath diversion will be in place.



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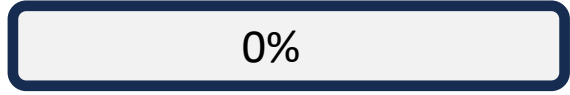
Waterside progress as of 29<sup>th</sup> July 2024



Waterside Café area



Central Waterside



Edgecombe Court area



60%





# Kendal Flood Risk Management Scheme

Protecting the Environment



An Independent Ecological Clerk of Works will monitor all activities and will have a regular presence on site over the coming months. This is an important role that oversees all site preparation and construction works associated with biodiversity. This is to ensure safe working, and protection of the local environment is undertaken in accordance with legislation and best practice.

Pre-construction surveys have been carried out and include, but are not limited to; otters, breeding birds, invasive non-native species, trees and white-clawed crayfish as well as many other species such as salmon. Spawning grounds are known and monitored in respect of salmon and trout on all rivers and tributaries within the Kent catchment.

Full consideration has been given to the in-river working platform and bank stabilisation bags. Consent has been granted for these works to be undertaken and will be monitored by our Independent Environmental Clerk of Works.

All our activities around, or near European Protected Species are carried out under licence, and we will put in place measures to mitigate against impacts from any of our works. We will install environmental monitoring which will monitor noise, vibration and vehicle movements in sensitive locations so we can take further measures to mitigate against any risk of environmental harm.



White Clawed Crayfish



Otter



Kingfisher



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## What's Happening this week

**Waterside Café area** – First section of glass panels have been installed. The construction fencing has now been removed from the riverside path and has been relocated behind the glass panel flood wall. This fencing will remain in place for safety reasons until the in River working platform is removed.

**Central Waterside** – Works have started to construct the flood wall along this stretch of Waterside and will require further piling. We will be mobilising on site on Monday 29<sup>th</sup> July and will be undertaking a piling trial at Waterside on 30<sup>th</sup> July to test the success of breaking through underground boulders and rock. Several noise and vibration mitigation measures will be in place during the trial with additional monitoring on site. If the trial is successful, we will continue the works which will form the strong foundation needed to build the flood wall and glass panels.

**Edgecombe Court area** – A flood wall and flood gate is currently being constructed in this location. The flood gate will be closed in flood conditions once the whole scheme is complete. This area has now had some re-instatement and majority of the masonry complete for that area; no work is planned in this area as piling works will begin this week.



Waterside Café Glass Panels



Trial Piling Rig



Waterside Flood gate