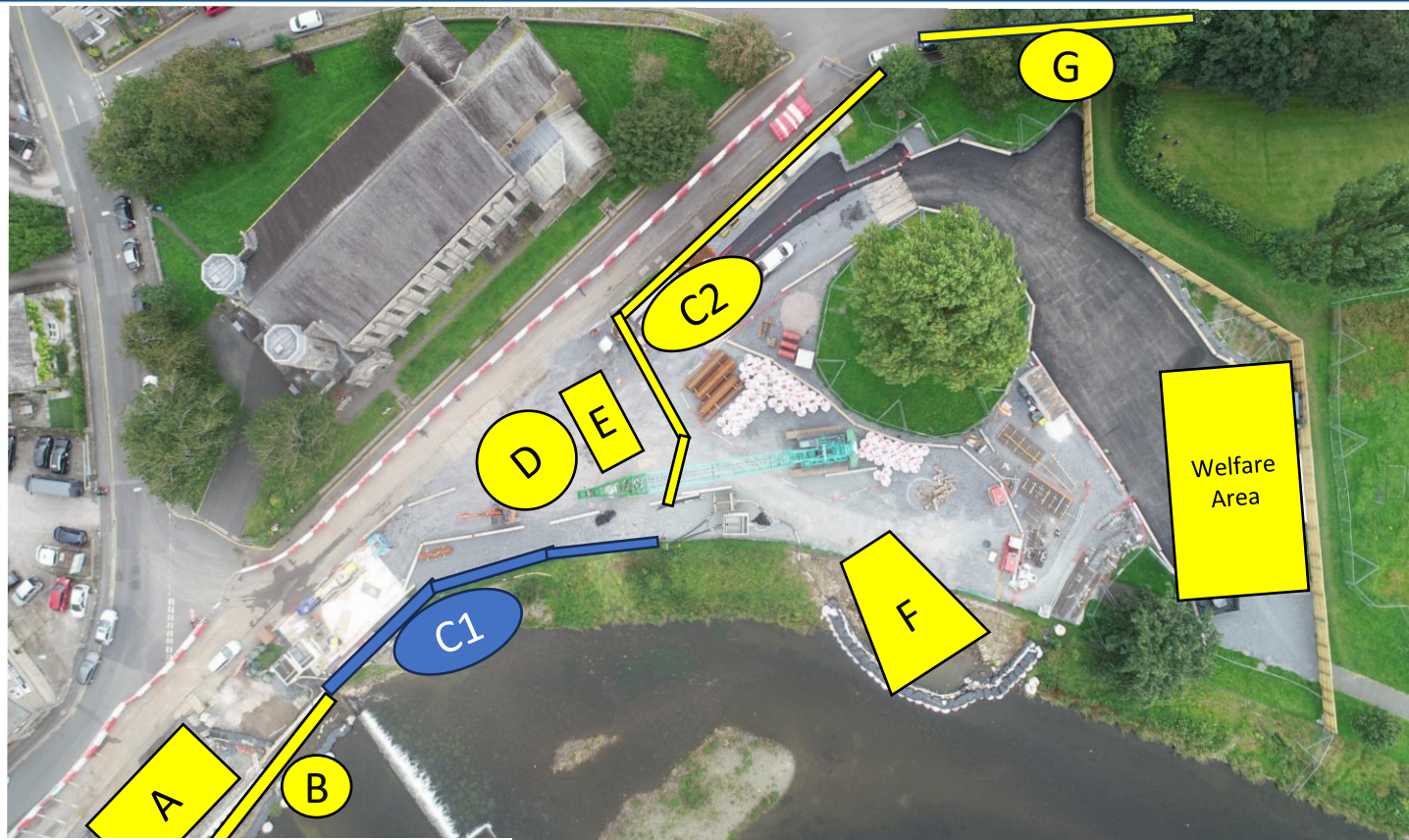


# Kendal Flood Risk Management Scheme

Gooseholme Common progress as of 17<sup>th</sup> of February 2025



A – Motor Control Centre Building

95%

B – Glass Panel Flood Wall

COMPLETE

C1 – Flood Defence Wall

0%

C2 – Flood Defence Wall

50%

D – Wet Well Shaft

80%

E – Valve Chamber

80%

F – Outfall

35%

G – Kerbing Construction

COMPLETE

Overall completion -

70%

### A – Motor Control Centre

#### Building (MCC)

This building will house all the electrical infrastructure that will power the stock beck pumps in flood conditions.

### B – Glass panel flood wall

The glass panels will be partially uncovered with the remaining uncovered once the MCC building is completed

### C1 & C2 – Flood wall construction

Constructed from a sheet pile foundation the concrete flood wall will be clad in local stone.

### Overall completion tracker

70%

### D – Wet Well Shaft

This is the underground structure which will house the pumps for stock beck designed to transfer water of Stock Beck from the Well to the Outfall (A).

### E – Valve Chamber

This chamber will house the valves for the onward pumping of Stock Beck in flood conditions.

### F – Outfall

The new Stock Beck outfall into the river Kent.

### G – Kerbing

Kerbing is now complete in this location and forms part of our flood defence.



### What's happening this week

**Motor Control Centre Building (MCC)** – Adjacent to the MCC building, landscaping has started to create the new walled fern garden. The base of the wall has been poured, and tree pits are being prepared so the trees can be placed in the coming weeks. As part of the landscaping, drainage will be installed along with the paving. In addition, the MCC building continues to have electrical installations which will power the Stock Beck underground pumps.

**Wet Well** – All work we can possibly conduct for the Wet Well has been completed, further works to the wet well won't begin until the sewer diversion is complete due to the proximity of these works.

**Valve Chamber** – Pressure testing of the system's pipes as well as the installation of the lid has now been completed. Further reinstatement around the valve chamber will continue following the completion of the sewer diversion.

**Flood Wall** – A 21m stretch of flood wall is almost complete along St George's Walk. The next stage is for the wall to pass alongside the valve chamber once the area has been backfilled and reinstated.

**Stock Beck Outfall** – The first side wall of the outfall wall has been cast. Next week, the team will start constructing the second supporting wall. This process will continue for several weeks as there are four walls to be constructed in total. Throughout this period, the cofferdam area will be pumped, removing groundwater to maintain a dry working environment for the team. There will be Saturday working this weekend to prepare the working area for works scheduled on Monday morning.

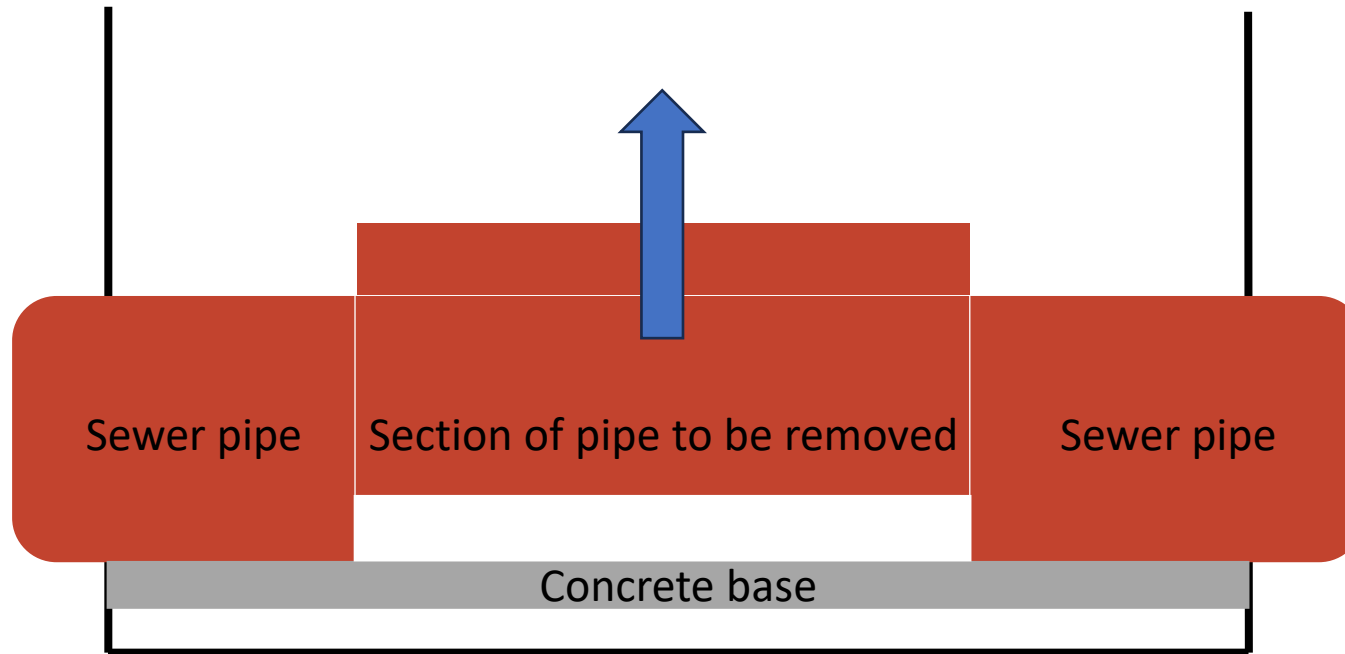
**Pumping arrangements:** To manage water levels effectively at the outfall location, we will be conducting on-site pumping. This is needed to keep the excavation areas dry and ready for work each morning, preventing delays and keeping the project on schedule. This pumping operation is expected to last up to four weeks when we expect the outfall works to be complete. As we start to programme the next phase of works which will involve the decommissioning of the old sewer network, and the start of the construction of the new Stock Beck culvert, pumping will be necessary at times. This will be communicated in more detail, once the scheduled activities are confirmed.

To minimise noise from the ongoing pumping operations, we have placed echo barriers around all pumps and generators. We are also in the process of reviewing the placement of the generators on site and considering any further additional noise reduction measures we can make.

Water treatment will be carried out whenever groundwater is pumped back into the river to ensure environmental safety.



Water Treatment Soakaway Area



Excavated area for installation of the new Manhole

**Sewer Diversion** – This week, our team will be setting up and installing the pumping arrangements for the sewer. This preparation will allow us to remove a section of the pipe later in the week.

Please note that these works are weather-dependent. We need to cut and remove a section of the pipe, which requires us to pump water around the area and back into the pipeline. If the weather permits, we will begin installing shuttering, a temporary wooden mould used to shape poured concrete. Once the concrete has hardened, the shuttering will be removed, and we will schedule the concrete work accordingly.

If conditions allow, we will proceed with removing the section of the pipe. Over-pumping will then commence and is expected to last for four weeks for this section of the works. This will run overnight and over the weekends. We have mitigation measures in place, including placing the generators and pumps in suitable locations and are surrounded by echo barriers to minimise noise.

**Piling works** – There is no piling works planned this week.

[www.thefloodhub.co.uk/kendal](http://www.thefloodhub.co.uk/kendal)

For more information on the  
Kendal flood scheme



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.

