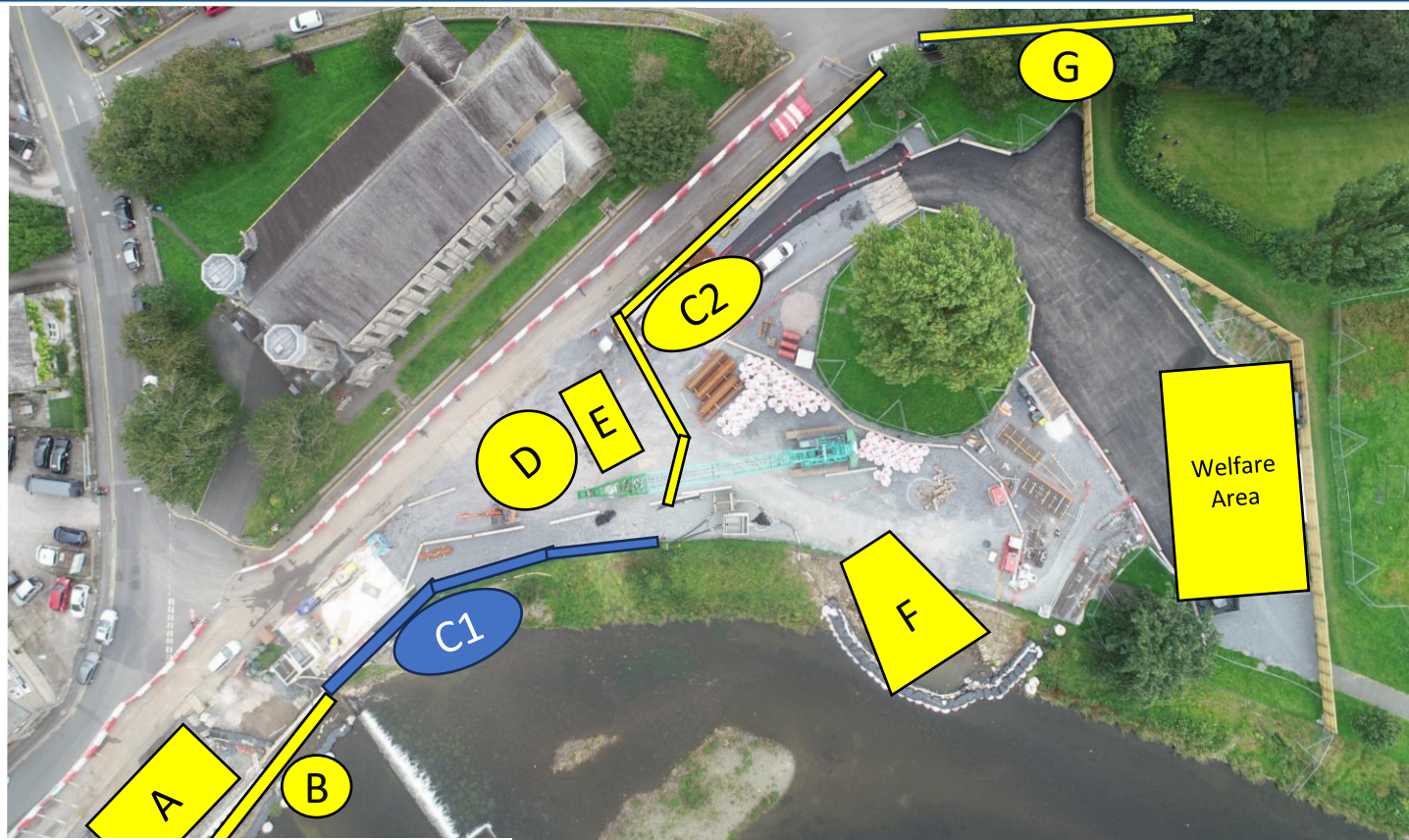


Kendal Flood Risk Management Scheme

Gooseholme Common progress as of 16th September 2024



A – Motor Control Centre Building

65%

B – Glass Panel Flood Wall

COMPLETE

C1 – Flood Defence Wall

0%

C2 – Flood Defence Wall

50%

D – Wet Well Shaft

80%

E – Valve Chamber

70%

F – Outfall

35%

G – Kerbing Construction

COMPLETE

Overall completion -

65%

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

62%

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) – The masonry team have completed as much as they can on the MCC building and will return to finish the cladding once the roof is installed. The roof trusses have started to be lifted into place with the next step of tiling the roof which will commence on the 23rd September.

Sewer Diversion – This week Waitings will be continuing the work on the underpass chamber. Over pumping will begin this weekend of Stockbeck, Waitings are dealing with high flows on Stock Beck meaning a continuous pumping arrangement is required. Other measures to reduce water levels at Castle Street are being instigated further up the culvert. Once levels are manageable, Waitings will lift out the section of culvert which will be cleaned from gravels, debris and silt. Some Piling works will take place in the middle of next week once the culvert section is lifted to secure the area for the base to be cast for the underpass chamber.

Wet Well – This week we are extending the pipe work into the valve chamber and securing them into the walls of the chamber. Our temporary works which were put in place to support the construction of the wet well continue to be removed. Once the pipe work has been extended into the valve chamber, further works to the wet well won't begin until the sewer diversion is complete.

Valve Chamber – The Valve Chamber is almost complete with the final pipe installation taking place this week. Following the installation of the pipes pressure testing will take place to ensure the pipes are connected to the required standard.

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 our temporary works removed.

Stock Beck Outfall – This Saturday the team will be working on minor works on site in the hours of 08:00 – 18:00 in preparation for the piling works which are to commence on Monday 16th September over the course of 2 weeks to help re-seal the cofferdam. This is due to the in river working window fast approaching. Pumping will commence within the cofferdam structure during these weeks to manage the water whilst it is being sealed.

Working Hours – With delays to the sewer diversion, Waitings are struggling to complete this section on time before the in river working window closes which we cannot continue to pump water into the River Kent. In order for Waitings to get back on track they will be working within the planning permission until 18:00 during the week with the potential to be working Saturdays 08:00 – 18:00 until this section is complete before the middle of November.

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.



Jacobs



Kendal Flood Risk Management Scheme – Gooseholme Common update for week of 16th September 2024



Motor Control Centre Building – Housing for all the electrical equipment for the Stock Beck pumps



Sewer Diversion – Sheet piled area for the underpass chamber once Stock beck culvert is removed



Floodwall along St Georges walk in Construction



Outfall – The new outfall of Stock Beck into the River Kent.



Valve chamber – Holding the pipe valves that pump Stock Beck onwards to the outfall



Wet Well Shaft – Underground housing of the 3 pumps for Stock Beck