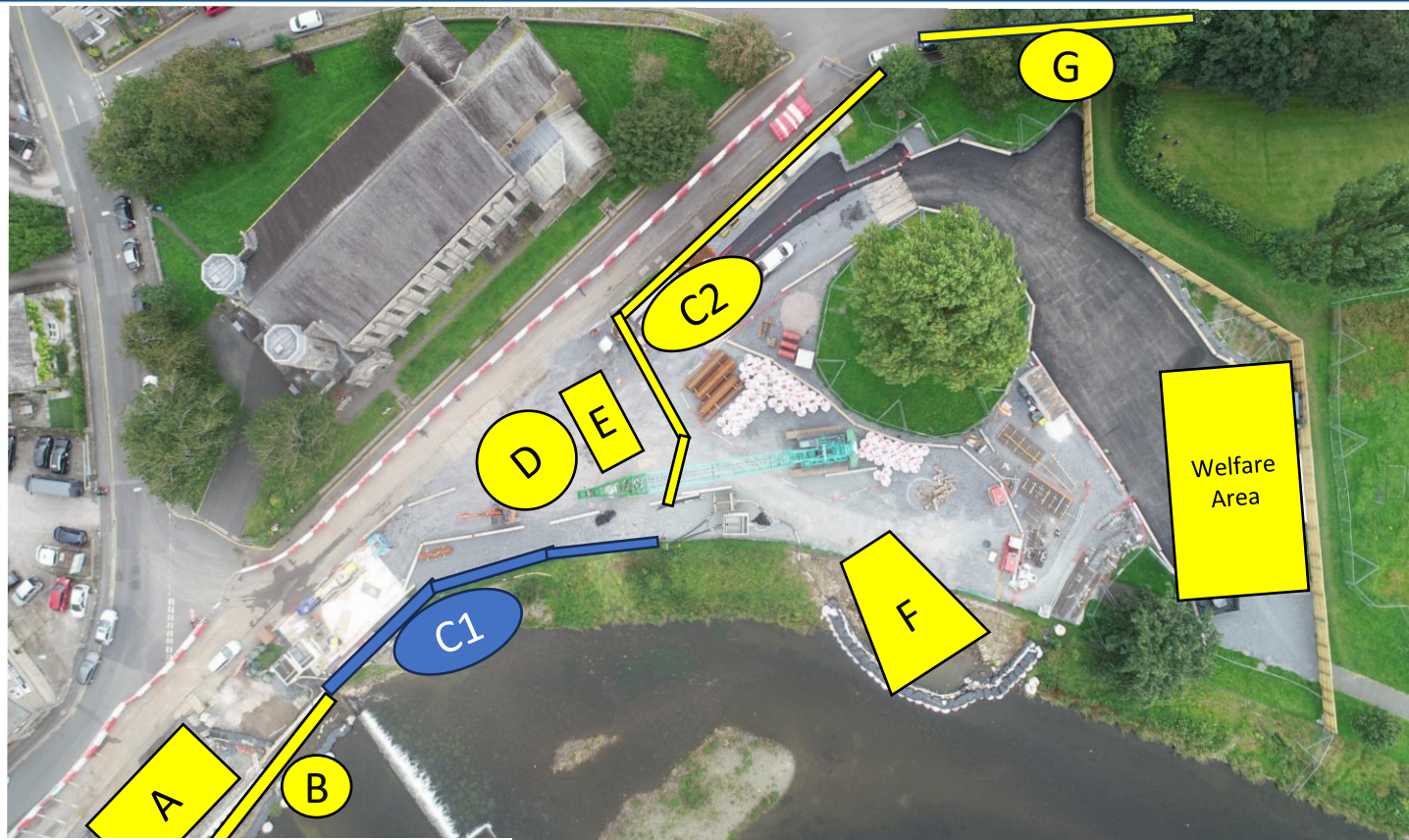


Kendal Flood Risk Management Scheme

Gooseholme Common progress as of 2nd December 2024



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 -

75%

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

75%

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) – Now the externals of the MCC building is now complete, we will shortly be constructing the ramped access which will form the entrance to the building. Once this is complete, the electrical equipment that will operate the underground pumps for Stock Beck will be installed.

Sewer Diversion – This week Waitings will hopefully begin the final pour of the underpass chamber once the levels of water is manageable inside the excavated area, This will then need time to set and harden to a required strength before the team can proceed to lift the lid of the chamber onto the walls.

Wet Well – All work we can possibly conduct for the Wet Well has been complete, 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 will take place on Monday 2nd of December by specialists to ensure the pipes are connected to the required standard. Following pressure testing, we will await the results and if any further action is needed. Then we begin to look at when the valve chamber lid will be installed, with the area being backfilled.

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 – We have reviewed the situation of the ground water entering the cofferdam from Gooseholme working area. We plan to install a 4th piled wall along the back of the cofferdam to help cut off ground water entering the area, allowing the team to continue to work and excavate the area to the correct depth. In order us to begin the construction of the outfall base.

Working Hours – During the winter times our working hours will remain the same which are 08:00 – 18:00 Monday to Saturday. There are no works taking place on Saturday 16th of November.

Piling works – There will be piling works taking place over the early part of the week to seal the cofferdam further to prevent ground water entering the working area.



Motor Control Centre



Underpass Chamber



Valve Chamber

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.

