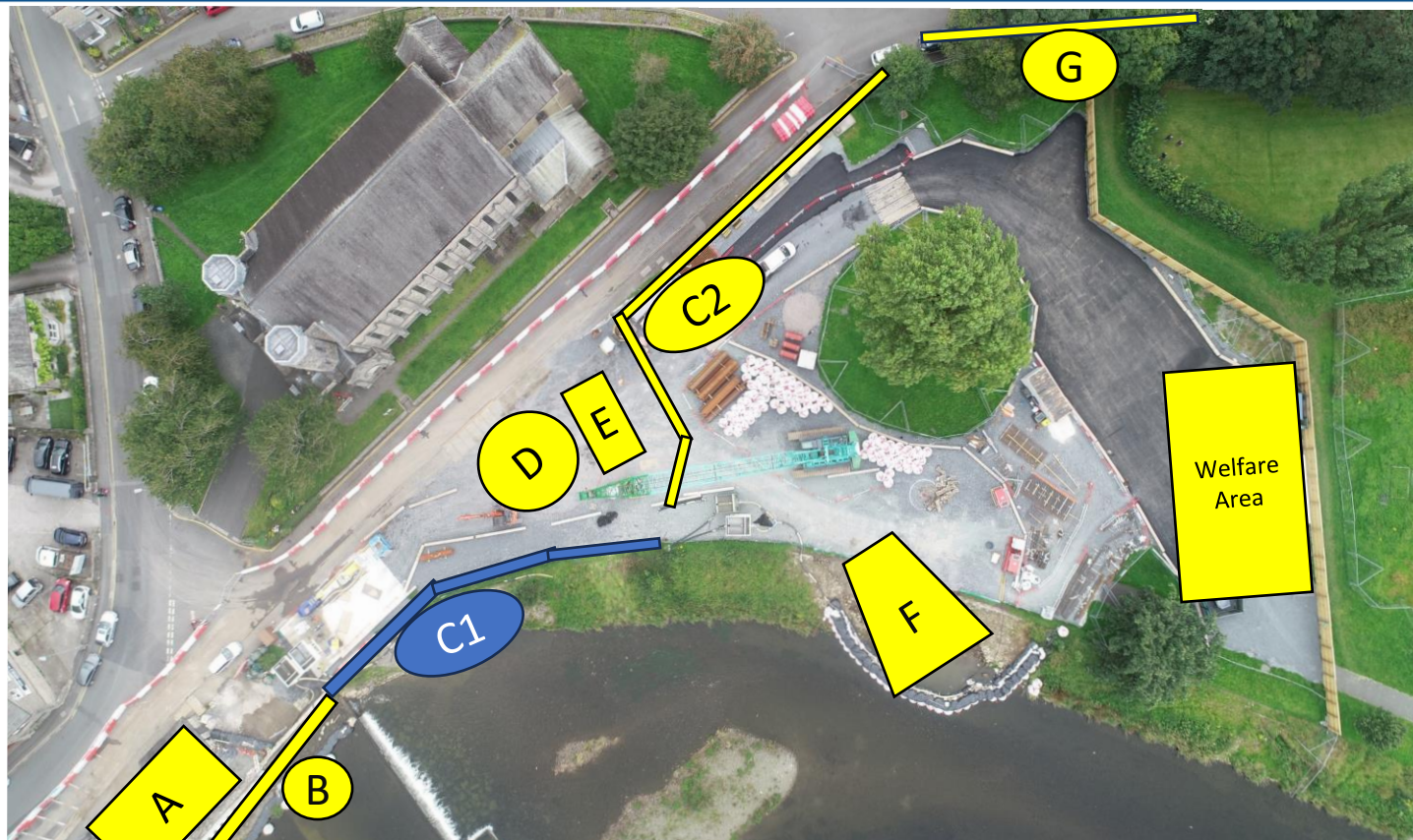


Kendal Flood Risk Management Scheme

Gooseholme Common progress as of 9th 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) – The internal electrical components are being procured and will be installed once the external ramped access is constructed. Electricity connections to the building will also be carried out early next year providing the power needed to activate the pumps and supporting infrastructure.

Sewer Diversion – Due to poor weather in the previous week, the team have been delayed in pouring the concrete for the walls of the underpass chamber. This is due to water entering the excavated area which Waitings have been trying to manage. This week, Waitings will resume the final pour of the walls of the underpass chamber once the levels of water is manageable inside the excavated area. The concrete will 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 which is hoping to be complete in the next two weeks.

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 took place last week and was successful, there are 2 more tests of the system which will take place on Monday 9th and Wednesday 11th 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 – Further piling along the back of the cofferdam to help cut off groundwater entering the area was installed last week. There is still a risk that some groundwater will enter the area and if required, pumping will be needed to manage water levels. It is possible **overnight pumping** may be required to ensure the area is free from water the following day to enable continuation of works. The pumps will be monitored, and further noise barriers are in place to keep running noises to a minimum.

Overnight Pumping – This is required at the underpass location and at the Headwall location to help us to manage the water levels and keep them low for the next working day. This saves the team time by not having to empty the excavation areas each morning.

Piling works – No piling works are to be taken place next week.

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.



Motor Control Centre



Sewer Diversion Underpass Chamber



Valve Chamber undergoing pressure testing

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.

